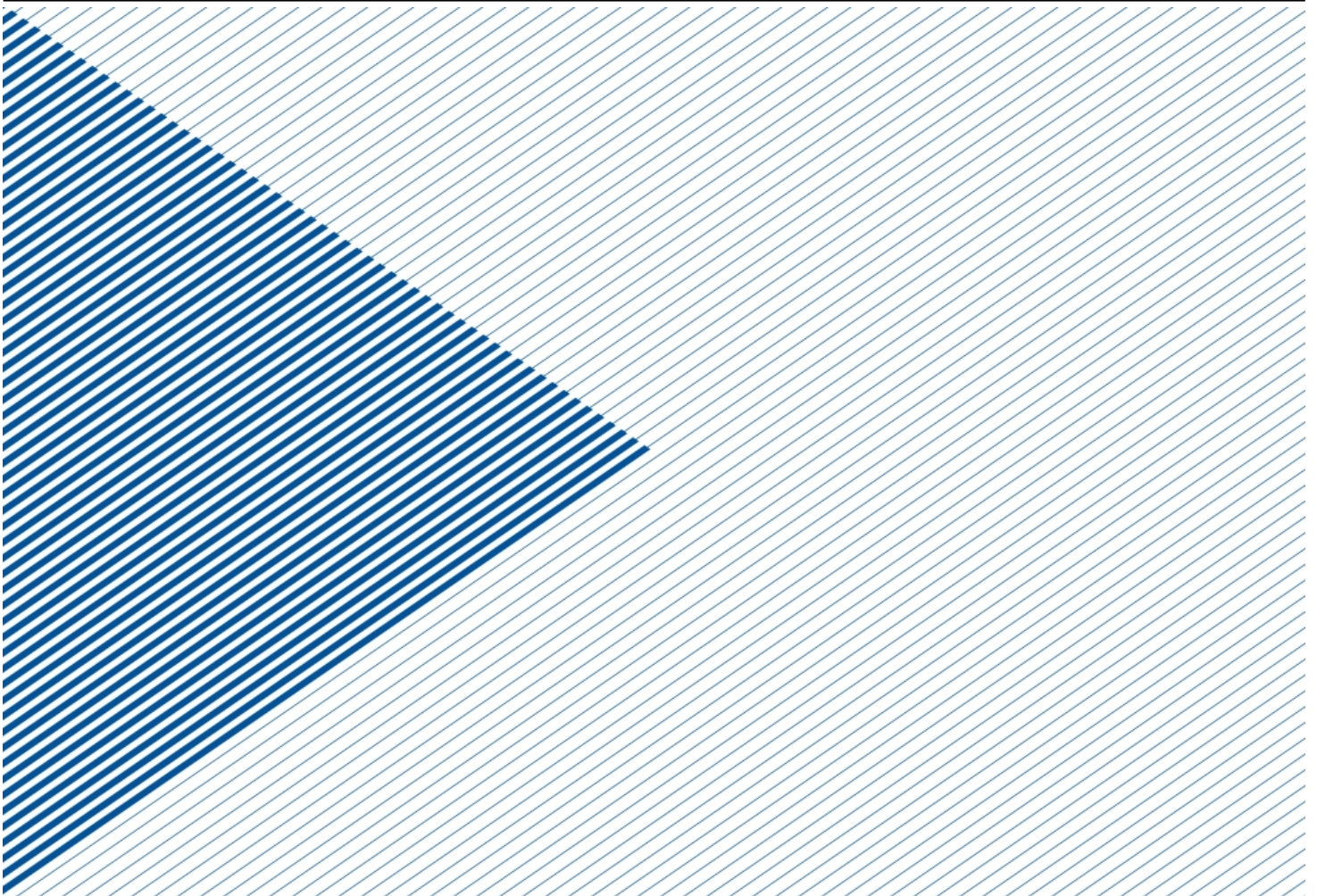


Global Agenda

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# World Economic Forum Annual Meeting 2017 Programme

Davos-Klosters, Switzerland 17-20 January



## Programme Pillars

### Experience

Immersive experiences across time, space and emotions made memorable by inspiring interactions and thought-provoking settings

### Discover

Engaging explorations of the conceptual breakthroughs of our time and their transformative impact on society, industry and policy

### Debate

Insightful exchanges bringing together diverse opinions and ideas on today's most relevant economic, scientific and political issues

### Collaborate

Hands-on sessions where leaders from all backgrounds come together to shape solutions to the world's most pressing challenges

## Programme Icons



Webcast Session



Interpretation



On the record



Sign-up required

## Programme Co-Chairs

**Frans van Houten**, President and Chief Executive Officer, Royal Philips, Netherlands

**Brian T. Moynihan**, Chairman of the Board and Chief Executive Officer, Bank of America Corporation, USA

**Sharmeen Obaid-Chinoy**, Documentary Filmmaker, SOC Films, Pakistan; Young Global Leader

**Helle Thorning-Schmidt**, Chief Executive Officer, Save the Children International, United Kingdom

**Meg Whitman**, President and Chief Executive Officer, Hewlett Packard Enterprise, USA

## Sunday 15 January

06.00 - 01.00

Registration - Mühlestrasse 6 - 7260

Davos Dorf

**1 registration**

# Registration Opens

Pick up your badge as of Sunday 15 January at 06.00 at Registration located at Mühlestrasse 6.

Please note that the Congress Centre opens on Monday 16 January at 14.00.

## Monday 16 January

18.15 - 18.30

Congress Centre - Congress Hall

### 2 welcome message

## Welcome Message by the Executive Chairman

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



18.30 - 18.45

Congress Centre - Congress Hall

### 3 crystal awards

## The 23rd Annual Crystal Awards

The 2017 Crystal Award honours artists whose important contributions are improving the state of the world and who best represent the "spirit of Davos".

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

With

**Anne-Sophie Mutter**, Violinist, Germany  
**Shakira**, UNICEF Global Ambassador; Founder, Pies Descalzos Foundation, Colombia  
**Forest Whitaker**, Social Activist and Sustainable Development Goals Advocate, Whitaker Peace & Development Initiative, USA

Chaired by

**Hilde Schwab**, Chairperson and Co-Founder, Schwab Foundation for Social Entrepreneurship, Switzerland



18.45 - 19.45

Congress Centre - Congress Hall

### 4 opening concert

## Opening Concert

Join us for the Annual Meeting's opening concert featuring Crystal Award honouree Anne-Sophie Mutter and the "Mutter's Virtuosi" musicians from her academy.

This concert is held in partnership with Intesa Sanpaolo.

With

**Anne-Sophie Mutter**, Violinist, Germany



**Monday 16 January**

**19.45 - 21.45**

Congress Centre - Plenary Hall Lobby

**5 welcome reception**

## Welcome Reception

Professor Klaus Schwab and Mrs Hilde Schwab, together with the Managing Board, invite you to a welcome reception to reconfirm the spirit of friendship and community that defines the Annual Meeting.



Tuesday 17 January

08.15 - 09.15

Congress Centre - Arena

8 future of work

## Promise or Peril: Decoding the Future of Work

Forecasts on the impact of technology on the future of work are deeply polarized, creating fear of the challenges to come and inaction on new opportunities. What do we know about the transformation underway and what short- and long-term innovations hold the greatest potential to navigate these changes?

Dimensions to be addressed:

- Decoding trends and blind spots
- Social and political implications
- Public-private partnerships

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Alain Dehaze**, Chief Executive Officer, Adecco Group, Switzerland

**Philip J. Jennings**, General Secretary, UNI Global Union, Switzerland

**Luis Alberto Moreno**, President, Inter-American Development Bank, Washington DC

**C. Vijayakumar**, President and Chief Executive Officer, HCL Technologies, USA

Moderated by

**Megan Murphy**, Editor, Bloomberg Businessweek, USA



08.15 - 09.00

Congress Centre - BetaZone

6 betazone/post-fact world

## Why Facts Don't Unify Us

How does the brain process information to form beliefs, and what does science tell us about why evidence about climate change, migration and privacy produces such divergent views?

This session was developed in partnership with Nature Publishing Group.

**Tali Sharot**, Associate Professor of Cognitive Neuroscience, University College London (UCL), United Kingdom

**Harvey Whitehouse**, Chair, Social Anthropology; Director, Institute of Cognitive and Evolutionary Anthropology, University of Oxford, United Kingdom

Moderated by

**Philip Campbell**, Editor-in-Chief, Nature, United Kingdom

08.15 - 09.30

Congress Centre - IdeasLab

9 mit/energy tech

## Rethinking Energy Technologies with the Massachusetts Institute of Technology

Discover new ideas and insights with leading researchers in the IdeasLab.

- Using dynamic metrics to assess the climate impact and cost of energy scenarios
- Breaking the innovation paradigm of solar technologies at the nano-scale
- Developing novel materials for lightweight, long-life battery technologies

Discussion Leaders

**Vladimir Bulovic**, Associate Dean for Innovation and Fariborz Maseeh Professor of Emerging Technology, MIT School of Engineering, USA

**Yang Shao-Horn**, W.M. Keck Professor of Energy, Massachusetts Institute of Technology (MIT), USA

**Jessika Trancik**, Associate Professor, Energy Studies, Massachusetts Institute of Technology (MIT), USA

Facilitated by

**Naomi Oreskes**, Professor of the History of Science, Harvard University, USA

Tuesday 17 January

08.15 - 09.15

Congress Centre - Sanada

7 cnbc/big business

## Size Matters: The Future of Big Business

Fewer than 10% of the world's public companies account for 80% of all profits. What does operating at this scale mean for competition, collaboration and innovation?

This session was developed in partnership with CNBC.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Andrew N. Liveris**, Chairman and Chief Executive Officer, The Dow Chemical Company, USA

**Sunil Bharti Mittal**, Chairman, Bharti Enterprises, India

**Ruth Porat**, Senior Vice-President; Chief Financial Officer, Alphabet, USA

**Martin Sorrell**, Chief Executive Officer, WPP, United Kingdom

**Tidjane Thiam**, Chief Executive Officer, Credit Suisse, Switzerland

Moderated by

**Andrew R. Sorkin**, Editor-at-Large; Columnist, New York Times, USA; Young Global Leader Alumnus



08.30 - 09.00

Congress Centre - Global Situation Space

13 gss/food crisis 1

## Food Crisis: The Big Picture

From water waste to nutritional deficiencies, embark on a visual exploration that reveals the causes and consequences of food insecurity now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Tim Benton**, Dean for Strategic Research, University of Leeds, United Kingdom

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA

**Frances Seymour**, Senior Fellow, Center for Global Development, USA



08.30 - 09.00

Congress Centre - Mixed Reality Space

15 mixed reality 1

## Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

## Tuesday 17 January

08.30 - 09.00

Congress Centre - Science Hub

16 science hub/4d printing

### Ask About: 4D Printing

Explore how to achieve the full potential of 3D and 4D printing through computational design.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Kristina Shea**, Professor, Engineering Design and Computing, ETH Zurich, Switzerland

08.30 - 09.00

The Loft - Agora

10 agora/ai & robotics

### World-Changing Technology: Artificial Intelligence and Advanced Robotics

Join leaders from the field for an executive briefing on the state of artificial intelligence and robotics in the context of the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

Introduced by

**Nicholas Davis**, Head of Society and Innovation, Member of the Executive Committee, World Economic Forum

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA  
**Demis Hassabis**, Founder and Chief Executive Officer, DeepMind, United Kingdom  
**Vishal Sikka**, Chief Executive Officer, Infosys, USA

Moderated by

**Wendell Wallach**, Scholar, Interdisciplinary Center for Bioethics, Yale University, USA



08.30 - 09.30

Congress Centre - Aspen 1

11 digital economy update

### Strategic Update: The Future of the Digital Economy

What are the major drivers transforming the digital economy and how should leaders prepare for this new context?

Dimensions to be addressed:

- Digital transformation of industries
- Cybersecurity of the industrial internet of things
- Trust-based partnerships and collaboration

This session will be livestreamed on TopLink and the Forum website.

**Inga Beale**, Chief Executive Officer, Lloyd's, United Kingdom

**Steve Bolze**, President and Chief Executive Officer, GE Power, USA

**Liu Jiren**, Chairman and Chief Executive Officer, Neusoft Corporation, People's Republic of China

**Bill McDermott**, Chief Executive Officer, SAP, Germany

Moderated by

**Orit Gadiesh**, Chairman, Bain & Company, United Kingdom





Tuesday 17 January

08.30 - 09.30

Congress Centre - Aspen 2

12 finance update

## Strategic Update: The Future of Finance

What are the major drivers transforming the financial sector and how should leaders prepare for this new context?

Dimensions to be addressed:

- Digital financial system stability
- Next-generation financial regulation
- New business and operating models

This session is related to a System Initiative (Shaping the Future of Financial and Monetary Systems).

[This session will be livestreamed on TopLink and the Forum website.](#)

**John Cryan**, Chief Executive Officer, Deutsche Bank, Germany

**Mario Greco**, Chief Executive Officer, Zurich Insurance Group, Switzerland

**Kenneth Rogoff**, Thomas D. Cabot Professor of Public Policy and Professor of Economics, Harvard University, USA

**David M. Rubenstein**, Co-Founder and Co-Chief Executive Officer, Carlyle Group, USA

Moderated by

**Tom Keene**, Editor-at-Large, Bloomberg Television & Radio, USA



08.30 - 09.30

Congress Centre - Parsenn

14 health update

## Strategic Update: The Future of Health and Healthcare

What are the major drivers transforming health and healthcare and how should leaders prepare for this new context?

Dimensions to be addressed:

- Responding to an ageing global population
- Strengthening global health security
- Adopting Fourth Industrial Revolution technologies

This session is related to a System Initiative (Shaping the Future of Health and Healthcare).

**Stanley M. Bergman**, Chairman of the Board and Chief Executive Officer, Henry Schein, USA

**Steve Davis**, President and Chief Executive Officer, PATH, USA

**Bernard J. Tyson**, Chairman and Chief Executive Officer, Kaiser Permanente, USA

**Erez Vigodman**, President and Chief Executive Officer, Teva Pharmaceutical Industries, Israel

**Christophe Weber**, President and Chief Executive Officer, Takeda Pharmaceutical Company, Japan

Moderated by

**Sania Nishtar**, Founder and President, Heartfile, Pakistan

08.30 - 09.30

Congress Centre - Pisch

17 security context

## The Global Security Context

What are the noteworthy changes and emerging trends reshaping the international security agenda?

Dimensions to be addressed:

- Recalibration of US security priorities
- Geostrategic shifts
- Future conflict domains

**Victor L. L. Chu**, Chairman and Chief Executive Officer, First Eastern Investment Group, Hong Kong SAR; Co-Chair, International Business Council

**Raheel Sharif**, Chief of Army Staff (2013-2016), Pakistan

**Turki Al Faisal Al Saud**, Chairman, King Faisal Center for Research and Islamic Studies, Saudi Arabia

**Ursula von der Leyen**, Federal Minister of Defence of Germany

**George Yeo**, Visiting Scholar, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore

Moderated by

**Robin Niblett**, Director, Chatham House, United Kingdom

**Tuesday 17 January**

**09.00 - 10.15**

Hilton Garden Inn - -

**20 refugee experience 1**

## A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



**09.00 - 09.30**

Congress Centre - Health Hub

**19 health hub/precision medicine**

## Ask About: Precision and Personalized Medicine

Precision and personalized medicine have the potential to change the way we manage complex chronic disease. Come to the Health Hub for a conversation on the latest research with physician and immunologist Carola G. Vinuesa.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Carola G Vinuesa**, Head, Department of Immunology and Infectious Disease, John Curtin School of Medical Research, Australian National University, Australia

**09.00 - 10.30**

Congress Centre - Atelier

**18 100-year life**

## Preparing for a 100-Year Life

More than half of the children born today may live to be over 100 with profound implications for the three-stage life of education-work-retirement. How can societies prepare for the age of longevity?

Session objectives:

- Learn about changing longevity
- Determine levels of preparedness
- Explore and prioritize responses

Discussion Leaders

**Linda P. Fried**, Dean and DeLamar Professor of Public Health, Mailman School of Public Health, Columbia University, USA

**Jo Ann Jenkins**, Chief Executive Officer, AARP, USA

**Beth Simone Noveck**, Professor; Director, Governance Lab, Yale University, USA

**Babatunde Osotimehin**, Executive Director, United Nations Population Fund (UNFPA), New York

Facilitated by

**Lynda Gratton**, Professor of Management Practice, London Business School, United Kingdom

Tuesday 17 January

09.15 - 09.45

The Loft - Hub B

21 tipping point/ai decisions

## Tipping Point: Decision by Algorithm

Imagine in 2025 that 20% of executive decisions can be automated based on an individual's decision history data. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Bob Goodson**, Chief Executive Office and Founder, Quid, USA

**Nick Jennings**, Vice-Provost, Research, Imperial College London, United Kingdom



09.15 - 09.45

The Loft - Hub A

22 tipping point/ai weapons

## Tipping Point: Intelligent Killing Machines

Imagine in 2025 that an AI-controlled weapon system is at the centre of a war crimes indictment. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA

**Stuart Russell**, Professor of Computer Science, University of California, Berkeley, USA



09.30 - 10.00

Congress Centre - Humanitarian Hub

23 humanitarian hub/cultural heritage

## Protecting Cultural Heritage in Times of Conflict

How can cultural heritage be safeguarded in fragile environments and preserved for future generations?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Irina Georgieva Bokova**, Director-General, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris

**Corine Wegener**, Cultural Heritage Preservation Officer, Office of the Undersecretary for History, Art and Culture, Smithsonian Institution, USA

**Tuesday 17 January**

**09.30 - 10.00**

Congress Centre - Science Hub

**24 science hub/haptic technology**

## Ask About: Haptic Technology

Explore how haptic systems can both restore and enhance the sense of touch.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Allison Okamura**, Professor, Stanford University, USA

**09.45 - 10.45**

Congress Centre - Arena

**28 innovation update**

## Strategic Update: The Future of Innovation

What are the major drivers transforming innovation globally and how should leaders prepare for this new context?

Dimensions to be addressed:

- Corporatization of research
- Tightening of national borders
- Impact of intellectual property regimes

This session will be livestreamed on TopLink and the Forum website.

**Francis Gurry**, Director-General, World Intellectual Property Organization (WIPO), Geneva

**Klaus Kleinfeld**, Chairman and Chief Executive Officer, Arconic, USA

**Chuck Robbins**, Chief Executive Officer, Cisco, USA

**Shailendra Singh**, Managing Director, Sequoia Capital, Singapore

Moderated by

**Alyson Shontell Lombardi**, Editor-in-Chief, Business Insider US, Business Insider, USA



**09.45 - 10.30**

Congress Centre - Aspen 2

**29 new science of gender**

## Discover a World beyond X and Y Genes

How is research in neuroscience, genetics and biology changing everything we know about gender identity?

This session was developed in partnership with National Geographic.

This session will be livestreamed on TopLink and the Forum website.

**Jin Xing**, Choreographer and Owner, Jin Xing Dance Theatre Shanghai, People's Republic of China

**Eric Vilain**, Professor of Human Genetics, Pediatrics and Urology; Director, Center for Gender-Based Biology, David Geffen School of Medicine at UCLA, USA

Moderated by

**Susan Goldberg**, Editorial Director, National Geographic Partners, USA



Tuesday 17 January

09.45 - 10.45

Congress Centre - Aspen 1

### 25 energy update

## Strategic Update: The Future of Energy

What drivers are transforming energy and how should leaders prepare for this new context?

Dimensions to be addressed:

- Recent oil and energy price developments
- Climate and energy reforms
- Shifting energy investment strategies

This session is related to a System Initiative (Shaping the Future of Energy).

[Simultaneous interpretation in English and Mandarin Chinese](#)

[This session will be livestreamed on TopLink and the Forum website.](#)

**Fatih Birol**, Executive Director, International Energy Agency, Paris

**Kenneth A. Hersh**, Co-Founder and Chairman, NGP Energy Capital Management, USA

**Amin H. Nasser**, President and Chief Executive Officer, Saudi Aramco, Saudi Arabia

**Qiao Baoping**, Chairman, China Guodian Corporation, People's Republic of China

**Francesco Starace**, Chief Executive Officer and General Manager, Enel, Italy

[Moderated by](#)

**Elena Cherney**, Global Energy Editor and Canada Bureau Chief, The Wall Street Journal, Canada



09.45 - 10.45

Congress Centre - Parsenn

### 26 information update

## Strategic Update: The Future of Media and Information

What are the major drivers transforming media and information and how should leaders prepare for this new context?

Dimensions to be addressed:

- Digital identity and trust
- Filter bubble effect and algorithm design
- Citizen journalism and credibility of news

This session is related to a System Initiative (Shaping the Future of Information and Entertainment).

**Cory Doctorow**, Author, USA

**Mathias Döpfner**, Chief Executive Officer and Chairman, Axel Springer, Germany

**Richard W. Edelman**, President and Chief Executive Officer, Edelman, USA

**Ellana Lee**, Senior Vice-President and Managing Editor, CNN International, Hong Kong SAR; Young Global Leader

[Moderated by](#)

**Jeff Jarvis**, Professor, Graduate School of Journalism, City University of New York, USA

09.45 - 10.45

Congress Centre - Jakobshorn

### 27 infrastructure update

## Strategic Update: The Future of Infrastructure Development

What are the major drivers transforming infrastructure and urban development and how should leaders prepare for this new context?

Dimensions to be addressed:

- Unlocking funds for innovative solutions
- Catalysing transactions with risk mitigation instruments
- Retrofitting infrastructure

This session is related to a System Initiative (Shaping the Future of Long-Term Investing, Infrastructure and Development).

**Thierry Déau**, Chief Executive Officer, Meridiam Infrastructure, France

**Patrick Khulekani Dlamini**, Chief Executive Officer and Managing Director, Development Bank of Southern Africa, South Africa

**Christian Mumenthaler**, Group Chief Executive Officer, Swiss Re Group, Switzerland; Young Global Leader

**Ren Hongbin**, Chairman, China National Machinery Industry Corp (Sinomach), People's Republic of China

**Lawrence H. Summers**, Charles W. Eliot University Professor, Harvard University, USA

[Moderated by](#)

**Ailish Campbell**, General Director, Economic Development and Corporate Finance, Ministry of Finance of Canada; Young Global Leader

Tuesday 17 January

09.45 - 10.45

Congress Centre - Pisch

30 production update

## Strategic Update: The Future of Production

What are the major drivers transforming production and how should leaders prepare for this new context?

Dimensions to be addressed:

- Upgraded value chains with additive manufacturing
- Labour shortages and displacements
- Ubiquitous adoption of the industrial internet of things

This session is related to a System Initiative (Shaping the Future of Production).

**Sharan Burrow**, General Secretary, International Trade Union Confederation (ITUC), Brussels

**Francisco Cabrera**, Minister of Industry, Ministry of Industry, Argentina

**Hideaki Omiya**, Chairman of the Board, Mitsubishi Heavy Industries, Japan

**Nirmala Sitharaman**, Minister of State for Commerce and Industry of India

**Ulrich Spiesshofer**, President and Chief Executive Officer, ABB, Switzerland

Moderated by

**Johan C. Aurik**, Global Managing Partner and Chairman of the Board, A.T. Kearney, United Kingdom

09.45 - 10.45

Congress Centre - Salon

31 rethinking enlightenment

## Rethinking Enlightenment

The Enlightenment movement placed reason at the heart of progress and gave rise to the scientific method. With facts losing their ability to support consensus in the social and political discourse, what alternative views are challenging the dominance of reason?

**Jonathan Haidt**, Professor of Ethical Leadership, Stern School of Business, New York University, USA

**Charis Thompson**, Chancellor's Professor; Chair, Gender and Women's Studies, University of California, Berkeley, USA

**Hamza Yusuf Hanson**, President, Zaytuna College, USA

Moderated by

**David Rhodes**, President, CBS News, USA; Young Global Leader

09.45 - 10.45

Congress Centre - Sanada

32 wsj/monetary policy

## Monetary Policy: Where Will Things Land?

With interest rates diverging, how can central banks safely land monetary policy?

This session was developed in partnership with the Wall Street Journal.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Thomas J. Jordan**, Chairman of the Governing Board, Swiss National Bank, Switzerland

**Carmen M. Reinhart**, Minos A. Zombanakis Professor of the International Financial System, Harvard Kennedy School, USA

**Axel A. Weber**, Chairman of the Board of Directors, UBS, Switzerland

Moderated by

**Gerard Baker**, Editor-in-Chief, The Wall Street Journal, USA



Tuesday 17 January

10.00 - 10.45

Congress Centre - BetaZone

34 betazone/war history

## What Can We Learn from the History of War?

History shows that our thinking about future wars is often shaped by fears of wonder weapons and surprise attacks.

Learn from the leading authority on war and international politics, Sir Lawrence Freedman, what the past can teach us about the next generation of war.

**Sir Lawrence Freedman**, Emeritus Professor of War Studies, King's College London, United Kingdom

Moderated by

**Daniel Shapiro**, Founder and Director, Harvard International Negotiation Program, Harvard University, USA; Young Global Leader

10.00 - 10.30

Congress Centre - Global Situation Space

35 gss/refugee crisis 1

## Refugee Crisis: The Big Picture

From conflict refugees to climate migrants, embark on a visual exploration that reveals the causes and consequences of our refugee crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Khalid Koser**, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA

**Achim Steiner**, Director, Oxford Martin School, University of Oxford, United Kingdom



10.00 - 10.45

The Loft - Agora

33 agora/ai & robotics governance

## Governing Disruption: Artificial Intelligence and Advanced Robotics

Which societal values are being challenged by artificial intelligence and advanced robotics, and how might we design new technologies or institutions to address these ethical dilemmas?

Join experts for a Socratic dialogue on the future of governance in the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**David Kenny**, Senior Vice-President, IBM Watson, IBM Corporation, USA

**Corinna E. Lathan**, Chair of the Board and Chief Executive Officer, AnthroTronix, USA; Young Global Leader

**Stuart Russell**, Professor of Computer Science, University of California, Berkeley, USA

Moderated by

**Wendell Wallach**, Scholar, Interdisciplinary Center for Bioethics, Yale University, USA



**Tuesday 17 January**

**10.30 - 11.00**

Congress Centre - Humanitarian Hub

**37 humanitarian hub/data use**

## Gathering Dual-Use Data

How can the gap between data gathering for revenue and for humanitarian impact be closed?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

**With**

**Erica Kochi**, Co-Founder, UNICEF Innovation, United Nations Children's Fund (UNICEF), New York

**Lauren Woodman**, Chief Executive Officer, NetHope, USA

**10.30 - 11.00**

Congress Centre - Science Hub

**38 science hub/animal microbiomes**

## Ask About: Animal Microbiomes

Explore how exploiting animal-microbe symbioses could yield benefits such as pest-resistant crops.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

**With**

**Angela Douglas**, Daljit S. and Elaine Sarkaria Professor of Insect Physiology and Toxicology, Cornell University, USA

**10.30 - 11.00**

Media Village - Issue Briefing Room

**188 issue briefing/women**

## Fourth Industrial Revolution: The Impact on Women

The Fourth Industrial Revolution will hit women the hardest. How can science, technology, engineering and mathematics (STEM) education help address the fall-out and accelerate progress towards parity?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Mary C. Boyce**, Dean of Engineering, The Fu Foundation School of Engineering and Applied Science, Columbia University, USA

**Moderated by**

**Saadia Zahidi**, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum





Tuesday 17 January

11.00 - 11.10

Congress Centre - Congress Hall

39 special address/leuthard

## Welcoming Remarks and Special Address

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

Special Address by

**Doris Leuthard**, President of the Swiss Confederation 2017 and Federal Councillor of the Environment, Transport, Energy and Communications of Switzerland

Chaired by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



11.10 - 11.45

Congress Centre - Congress Hall

40 opening plenary

## Opening Plenary with Xi Jinping, President of the People's Republic of China

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Xi Jinping**, President of the People's Republic of China

Chaired by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



12.30 - 13.45

Hilton Garden Inn - -

48 refugee experience 2

## A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

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Tuesday 17 January

12.30 - 13.00

Congress Centre - Science Hub

49 science hub/clean coal

## Ask About: Clean Coal

Explore the latest research on clean coal technologies, which could mitigate harmful CO2 emissions.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Yan Jianhua**, Vice-President, Zhejiang University, People's Republic of China

12.30 - 14.00

Open Forum - Swiss Alpine High School - Auditorium

46 open forum/being human

## What Is it to Be Human in the Fourth Industrial Revolution?

The Fourth Industrial Revolution is radically changing how we interact and communicate, and the relationships we build with each other. How are human identities, ideologies, norms and values being reshaped?

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

Introduced by

**Alois Zwinggi**, Head of Operations and Resources, Member of the Managing Board, World Economic Forum

**Allen Blue**, Co-Founder and Vice-President, Products, LinkedIn Corporation, USA

**Tracy Fullerton**, Game Designer and Professor, University of Southern California School of Cinematic Arts, USA

**Ahmad Iravani**, President and Executive Director, Center for the Study of Islam and the Middle East (CSIME), USA

**Melanie Joly**, Minister for Canadian Heritage of Canada; Young Global Leader

**Nicole Schwab**, Co-Founder and President, EDGE Certified Foundation, Switzerland; Young Global Leader

Moderated by

**Cheryl Martin**, Head of Industries, Member of the Managing Board, World Economic Forum



12.30 - 13.45

Hotel Cresta Sun - Restaurant

41 africa outlook

## The Africa Outlook

After an impressive period of growth, falling commodity prices and high levels of inequality and youth unemployment could breed social discontent and threaten political stability. What lies ahead for African markets in 2017?

Dimensions to be addressed:

- Enhancing financial stability and inclusion
- Funding investment with domestic resources
- Revitalizing tech industrial growth

Discussion Leaders

**Helen Hai**, Goodwill Ambassador, United Nations Industrial Development Organization (UNIDO), Shanghai; Young Global Leader

**Lesetja Kganyago**, Governor of the South Africa Reserve Bank (SARB), South Africa

**Frédéric Lemoine**, Chairman of the Executive Board, Wendel, France

**David A. Lipton**, First Deputy Managing Director, International Monetary Fund (IMF), Washington DC

**Trevor Manuel**, Chairman of Old Mutual Group Holdings, Old Mutual, United Kingdom

**Kanini Mutooni**, Director, Investment, East Africa Trade and Investment Hub, Kenya; Young Global Leader

Moderated by

**Thorold Barker**, Editor, Europe, Middle East and Africa, Wall Street Journal, United Kingdom



Tuesday 17 January

12.30 - 13.45

Hotel Derby - Fluela 1-2-3

42 business leadership

## Business Leadership on Climate

Following the Paris agreement, business vowed to cut greenhouse gas emissions by 3.7 billion tons a year. How are companies redefining business-as-usual to achieve ambitious climate goals?

### Opening Remarks by

**Al Gore**, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA

### Discussion Leaders

**Jean-Louis Chaussade**, Chief Executive Officer, SUEZ, France

**Niels B. Christiansen**, President and Chief Executive Officer, Danfoss, Denmark

**Patricia Espinosa Cantellano**, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC), Bonn

**Maria Patrizia Grieco**, Chairman, Enel, Italy

**Catherine McKenna**, Minister of Environment and Climate Change of Canada

**Eric Olsen**, Chief Executive Officer, LafargeHolcim, Switzerland

### Moderated by

**Steve Sedgwick**, Anchor, CNBC, United Kingdom



12.30 - 13.45

Morosani Posthotel - Davoserstube

43 city century

## Preparing for the City Century

With most economic activity concentrated in fewer than 50 mega-cities globally, how can we accelerate sustainable urban development?

Dimensions to be addressed:

- Smart governance at city level
- Urban planning and design
- Rethinking urban financing

This session is related to a System Initiative (Shaping the Future of Long-Term Investing, Infrastructure and Development).

### Introduced by

**Pedro Rodrigues de Almeida**, Head of Basic Industries, Member of the Executive Committee, World Economic Forum

### Discussion Leaders

**Roland Busch**, Member of the Managing Board, Siemens, Germany

**Mokena Makeka**, Creative Director and Managing Director, Makeka Design Lab, South Africa; Young Global Leader

**N. Chandrababu Naidu**, Chief Minister of Andhra Pradesh, India

**Carlo Ratti**, Director, SENSEable City Laboratory, MIT - Department of Urban Studies and Planning, USA

**Jonathan Reckford**, Chief Executive Officer, Habitat for Humanity International (HFH), USA

### Moderated by

**Gregory Hodkinson**, Chairman, Arup Group, United Kingdom



12.30 - 13.45

Central Sporthotel - Säumerstube

44 internet

## A Magna Carta for the Internet

Twenty-one years ago in Davos, cyber-activist John Perry Barlow championed a now-famous call to protect the sovereignty, liberty and independence of the internet from government. Since then, cases like Apple vs the FBI and the Right to be Forgotten have challenged these values. Is it time to write a new social contract for the internet?

Dimensions to be addressed:

- Understanding our role in preserving trust
- Ensuring interoperability for universal access
- Designing technology and policy to protect agency

This session is related to a System Initiative (Shaping the Future of Digital Economy and Society).

### With

**Alexander De Croo**, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader

### Discussion Leaders

**William Adams**, Founder and President, i.am.angel Foundation, USA

**Sir Tim Berners-Lee**, Professor of Engineering, MIT Computer Science and Artificial Intelligence Laboratory (CSAIL), USA

**Toomas Hendrik Ilves**, President of Estonia (2006-2016)

**Anusha Rahman Khan**, Minister of State for Information Technology and Telecommunication of Pakistan

**Rebecca MacKinnon**, Director, Ranking Digital Rights, USA

**Salil Shetty**, Secretary-General, Amnesty International, United Kingdom

**Lynn St Amour**, Chair, Multistakeholder Advisory Group, Internet Governance Forum (IGF), USA

### Moderated by

**Fadi Chehadé**, Senior Adviser to the Executive Chairman, Digital Economy and Society, World Economic Forum



Tuesday 17 January

12.30 - 13.45

Morosani Posthotel - Poststube

45 mena outlook

## Rewiring the Middle East and North Africa

What new foundations are needed to relaunch growth and development in the Middle East and North Africa?

Dimensions to be addressed:

- Deploying assets to build necessary infrastructure
- Promoting connectedness to advance smarter infrastructure and grids
- Building competitive advantage through human capital

### Discussion Leaders

**Bassim Haidar**, Group Founder and Chief Executive Officer, Channel IT Group, Greece

**Mohammad Mustafa**, Chairman, Palestine Investment Fund, Palestinian Territories

**Khalid Al Rumaihi**, Chief Executive, Bahrain Economic Development Board, Bahrain

### Moderated by

**Mirek Dusek**, Head of Middle East and North Africa, Member of the Executive Committee, World Economic Forum



12.30 - 13.45

Ameron Swiss Mountain Hotel - Symondpark

47 political risk

## Leadership in the Age of Political Risk

The Brexit referendum, US elections and collapsing trade deals have propelled political risk to the top of every multinational corporation's agenda. How can private-sector leadership adapt to a more volatile and complex political landscape?

### Discussion Leaders

**Ian Bremmer**, President, Eurasia Group, USA; Young Global Leader Alumnus

**John Chipman**, Director-General and Chief Executive, International Institute for Strategic Studies (IISS), United Kingdom

**Daniel Glaser**, President and Chief Executive Officer, Marsh & McLennan Companies (MMC), USA

**Shirley Ann Jackson**, President, Rensselaer Polytechnic Institute (RPI), USA

### Moderated by

**Moisés Naím**, Distinguished Fellow, Carnegie Endowment for International Peace, USA



12.45 - 13.15

Congress Centre - Global Situation Space

50 gss/climate crisis 1

## Climate Crisis: The Big Picture

From rampant emissions to rising sea levels, embark on a visual exploration that reveals the causes and consequences of our climate crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

### With

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

**Naomi Oreskes**, Professor of the History of Science, Harvard University, USA

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



## Tuesday 17 January

13.00 - 13.30

Congress Centre - Mixed Reality Space

52 mixed reality 2

### Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

13.00 - 13.30

Congress Centre - Sanada

54 united states outlook

### Outlook for the United States

Join a conversation on the priorities, challenges and opportunities for the incoming government of the United States.

This session will be livestreamed on TopLink and the Forum website.

**Anthony Scaramucci**, Executive Member, President-Elect Trump's Transition Team, USA

Moderated by

**Philipp Rösler**, Head, Regional and Government Engagement, Member of the Managing Board, World Economic Forum



13.00 - 14.00

Congress Centre - Aspen 1

53 sustainable development agenda

### Advancing the Sustainable Development Agenda

What policy and industry leadership is needed to ramp-up the impact of the Sustainable Development Goals?

This session will be livestreamed on TopLink and the Forum website.

**Mark Cutifani**, Chief Executive, Anglo American, United Kingdom  
**Hindou Oumarou Ibrahim**, Coordinator, Association for Indigenous Women and Peoples of Chad (AFPAT), Chad  
**Paul Polman**, Chief Executive Officer, Unilever, United Kingdom  
**Helle Thorning-Schmidt**, Chief Executive Officer, Save the Children International, United Kingdom; Co-Chair of the World Economic Forum Annual Meeting 2017

Moderated by

**Pranjal Sharma**, Contributing Editor, Businessworld, India



Tuesday 17 January

13.00 - 13.45

Congress Centre - Aspen 2

51 insight/damon & white

## An Insight, An Idea with Matt Damon and Gary White

A conversation with clean-water pioneers Matt Damon and Gary White on scaling solutions for universal fresh water and sanitation access.

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Matt Damon**, Co-Founder, Water.org, USA  
**Gary White**, Co-Founder and Chief Executive Officer, Water.org, USA; Social Entrepreneur

Interviewed by

**Shereen Bhan**, Managing Editor, CNBC-TV18, India



13.45 - 17.50

Rinerhorn Mountain - Base Camp

56 base camp/wisdom & wellness 1

## Nurturing Wisdom and Wellness

Leaders are under increasing pressure to achieve ambitious goals under tight timelines and with reduced resources. Join physician and best-selling author Dean Ornish to discover how to personalize your lifestyle to reduce stress, improve health and live longer. Enhance your performance potential on this alpine retreat at the Base Camp on nearby Rinerhorn Mountain.

The session timings above include the transport. The shuttle to the Base Camp leaves at 13.45 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a short journey, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 17.20 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 17.50.

With

**Anne Ornish**, Vice-President and Director, Digital, Ornish Lifestyle Medicine Programs, USA

**Dean Ornish**, Founder, President and Director, Preventive Medicine Research Institute, USA

Facilitated by

**Allison Aubrey**, Correspondent, National Public Radio, USA



14.00 - 14.30

The Loft - Hub A

59 loft/ai & employment policy

## Technology Partnerships: Artificial Intelligence and Employment

Artificial intelligence technologies will transform the jobs we do and the way we work. What innovative partnerships and new policies do we need to make AI truly benefit society as it disrupts employment?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Erik Brynjolfsson**, Director, MIT Initiative on the Digital Economy, MIT - Sloan School of Management, USA

**Vishal Sikka**, Chief Executive Officer, Infosys, USA



Tuesday 17 January

14.00 - 14.30

The Loft - Hub B

60 [loft/industrial iot policy](#)

## Technology Partnerships: Industrial Internet of Things

The interconnectivity of industrial devices (industrial IoT) has the potential to dramatically transform production and supply chains, but today's policies and business models might prevent the benefits from being realized. What innovative partnerships and policies do we need to ensure that industrial IoT benefits society?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Alan Trefler**, Founder and Chief Executive Officer, Pegasystems, USA



14.00 - 14.30

Congress Centre - Humanitarian Hub

97 [humanitarian hub/resilience](#)

## Transitioning from Response to Resilience

How can local resources be leveraged to build long-term resilience in post-disaster environments?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Jacques-Philippe Piverger**, Co-Founder and President, Metripol, USA; Young Global Leader  
**Alan Ricks**, Co-Founder, MASS Design Group, USA; Young Global Leader

14.00 - 15.00

Congress Centre - Sanada

57 [artificial intelligence](#)

## Artificial Intelligence

As business opportunities for artificial intelligence multiply, how can industry leaders design the principles and technical standards into their products that benefit society as a whole?

Dimensions to be addressed:

- Data ecosystems for privacy and security
- Algorithms for greater social inclusion
- Institutions to build trust among stakeholders

This session will be livestreamed on TopLink and the Forum website.

**Joichi Ito**, Director, Media Lab, Massachusetts Institute of Technology, USA  
**Satya Nadella**, Chief Executive Officer, Microsoft Corporation, USA  
**Ginni Rometty**, Chairman, President and Chief Executive Officer, IBM Corporation, USA  
**Zhang Ya-Qin**, President, Baidu.com, People's Republic of China

Moderated by

**Robert F. Smith**, Chairman and Chief Executive Officer, Vista Equity Partners, USA



**Tuesday 17 January**

**14.00 - 15.15**

Congress Centre - xChange

**58 brand trust**

## Building Trust in Brands

With only slightly more than half of global consumers reporting a favourable view of business, trust is rapidly emerging as a cornerstone to a company's success. How can businesses build trusted relationships with the consumer?

Dimensions to be addressed:

- Data privacy and customization
- Purpose-driven business models and organizational cultures
- Millennial engagement across channels

**Denise Morrison**, President and Chief Executive Officer, Campbell Soup Company, USA

**Nadja Swarovski**, Chairperson, Swarovski Foundation; Member of the Executive Board; Head, Corporate Branding and Communication, Swarovski, Austria

**John B. Veihmeyer**, Chairman, KPMG International, USA

**Moderated by**

**Tim Brown**, Chief Executive Officer, IDEO, USA

**14.30 - 15.00**

Congress Centre - Science Hub

**66 science hub/soil microbiomes**

## Ask About: The Microbiome of Soil

Explore how mapping soil microbial diversity could yield benefits for both human health and the environment.

**Located on the Lower Level (-1) of the Congress Centre**

**Please arrive early, as seating is limited in the Science Hub.**

**With**

**Daniel Buckley**, Professor, Cornell University, USA

**14.30 - 15.45**

Congress Centre - IdeasLab

**62 berkeley/emotions**

## The Science of Emotion with UC Berkeley

Discover new ideas and insights with leading researchers in the IdeasLab.

- Understanding the role of emotion in ageing
- Protecting against the negative effects of stress
- Cultivating appropriate emotions in a time of nationalist populism

**Introduced by**

**Nicholas Dirks**, Chancellor, University of California, Berkeley, USA

**Discussion Leaders**

**Robert Levenson**, Professor, Department of Psychology, University of California, Berkeley, USA

**Iris Mauss**, Associate Professor, Department of Psychology, University of California, Berkeley, USA

**Charis Thompson**, Chancellor's Professor; Chair, Gender and Women's Studies, University of California, Berkeley, USA

**Facilitated by**

**Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Co-Chair, Global Future Council on The Future of Computing



Tuesday 17 January

14.30 - 15.45

Congress Centre - Jakobshorn

67 urban mobility update

## Strategic Update: The Future of Urban Mobility

What drivers are transforming urban mobility and how should leaders prepare for this new context?

Dimensions to be addressed:

- Tackling security threats to connected vehicles
- Increasing road safety through regulation, education and technology
- Reducing congestion, carbon emissions and pollution

This session is related to a System Initiative (Shaping the Future of Mobility).

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA

**Nitin Jairam Gadkari**, Minister of Road

Transport, Highways and Shipping of India

**Neeraj Kanwar**, Vice-Chairman and Managing Director, Apollo Tyres, United Kingdom

Moderated by

**David Kirkpatrick**, Chief Executive Officer, Techonomy Media, USA

14.30 - 15.00

Media Village - Issue Briefing Room

64 issue briefing/multipolar world

## Who Can Lead a Multipolar World?

With a changing world order, growing doubts about US leadership capacity and the transformation of societies, how would a global governance system fix our multipolar world?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Richard Baldwin**, Professor of International Economics, Graduate Institute of International and Development Studies, Switzerland

**Kishore Mahbubani**, Dean, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore

**Ngozi Okonjo-Iweala**, Chair, GAVI Alliance, USA

Moderated by

**Oliver Cann**, Head of Media Content, World Economic Forum



14.30 - 15.00

Congress Centre - Aspen 1

63 insight/shakira

## An Insight, An Idea with Shakira

A conversation with musician and Crystal Award honouree Shakira on changing lives through early childhood education

Simultaneous interpretation in English and Spanish

This session will be livestreamed on TopLink and the Forum website.

**Shakira**, UNICEF Global Ambassador; Founder, Pies Descalzos Foundation, Colombia

Interviewed by

**Prannoy Roy**, Founder and Executive Co-Chairperson, New Delhi Television (NDTV), India



Tuesday 17 January

14.30 - 15.30

Congress Centre - Aspen 2

61 cnbc africa/energy

## Powering Africa

Closing Africa's energy gap could boost economic growth by 30% by 2040. What business and policy innovations hold the greatest potential for accelerating energy provision?

This session was developed in partnership with CNBC Africa.

Simultaneous interpretation in English and French

This session will be livestreamed on [TopLink](#) and the [Forum website](#). Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Akinwumi Ayodeji Adesina**, President, African Development Bank (AfDB), Abidjan

**Aliko Dangote**, President and Chief Executive, Dangote Industries, Nigeria

**Daniel Kablan Duncan**, Prime Minister of Côte d'Ivoire

**Rachel Kyte**, Special Representative of the Secretary-General and Chief Executive Officer, United Nations - Sustainable Energy for All, Vienna

Moderated by

**Bronwyn Nielsen**, Editor-in-Chief and Executive Director, CNBC Africa, South Africa



14.30 - 15.45

Congress Centre - Atelier

65 outsmarting biases

## How to Outsmart Biases

What insights from behavioural sciences can be applied to detect biases and improve forecasting, decision-making and performance?

Session objectives:

- Learn about the neuroscience of decision-making
- Experience science-based interventions and common blind spots
- Design applications for organizations

Discussion Leaders

**Barbara Mellers**, Professor of Psychology and Marketing, Wharton School, University of Pennsylvania, USA

**Philip Tetlock**, Leonore Annenberg University Professor in Democracy and Citizenship, Wharton School, University of Pennsylvania, USA

Facilitated by

**Iris Bohnet**, Director, Women and Public Policy Program, Harvard Kennedy School of Government, Harvard University, USA

14.45 - 15.45

Congress Centre - BetaZone

70 betazone/anthropocene

## Beyond the Anthropocene

Explore what it will take to return to a stable and resilient Earth system on a human-dominated planet with environmental scientist Johan Rockström and artist Tomás Saraceno.

Opening Remarks by

**Al Gore**, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA

**Johan Rockström**, Executive Director, Stockholm Resilience Centre, Sweden  
**Tomás Saraceno**, Artist, Studio Tomás Saraceno, Germany

Moderated by

**Jennifer Morgan**, Executive Director, Greenpeace International, Netherlands

## Tuesday 17 January

14.45 - 15.15

Congress Centre - Middle Fork Tree

69 behind the idea/middle fork 1

### Behind the Artist's Idea: Middle Fork

Join John Grade to learn about his vision of caring for our natural treasures through his installation **Middle Fork**, an intricately carved structure made from a 40-metre tree cast.

Located in the main corridor on the Middle Level (0) of the Congress Centre

With

**John Grade**, Artist, John Grade Studio, USA



14.45 - 15.15

Congress Centre - Global Situation Space

71 gss/pandemic 1

### Pandemics: The Big Picture

From Ebola and Zika to obesity, embark on a visual exploration that reveals the global spread of pandemics now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geo-spatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Peter Piot**, Director and Professor of Global Health, London School of Hygiene and Tropical Medicine, United Kingdom

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



14.45 - 15.30

The Loft - Agora

68 agora/human rights

### Digitization: Cure or Curse for Human Rights?

Is the ongoing digitization of societies more risk or opportunity for the monitoring and enforcement of human rights?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

**Bassim Haidar**, Group Founder and Chief Executive Officer, Channel IT Group, Greece  
**Michael H. Posner**, Jerome Kohlberg Professor of Ethics and Finance; Co-Director, Center for Business and Human Rights, Stern School of Business, New York University, USA

Moderated by

**Erica Kochi**, Co-Founder, UNICEF Innovation, United Nations Children's Fund (UNICEF), New York



Tuesday 17 January

14.45 - 15.45

Congress Centre - Salon

73 waiting for a cure

## Waiting for a Cure

From immunotherapies to precision medicine, some highly anticipated treatments may be further away than hoped. How can we sustain public trust and funding for long-term endeavours when medical science falters?

**Stéphane Bancel**, Chief Executive Officer, Moderna Therapeutics, USA; Young Global Leader

**Flemming Ornskov**, Chief Executive Officer, Shire, USA

**Robert Robbins**, Chief Executive Officer and President, Texas Medical Center, USA

Moderated by

**Mariette DiChristina**, Editor-in-Chief, Scientific American, USA

14.45 - 15.15

Congress Centre - Arena

72 insight/standing

## An Insight, An Idea with Guy Standing

A conversation with Guy Standing, author of [The Precariat: The New Dangerous Class](#) and other works, on the rise of a financially insecure and alienated class

This session will be livestreamed on [TopLink](#) and the [Forum](#) website.

**Guy Standing**, Research Professor in Development Studies, University of London, United Kingdom

Interviewed by

**Zanny Minton Beddoes**, Editor-in-Chief, The Economist, United Kingdom



15.00 - 15.30

Congress Centre - Health Hub

74 health hub/brain-machine interfaces

## Ask About: Brain-Machine Interfaces

Our ability to read information from and write information into the brain is rapidly improving. Come to the Health Hub for a conversation on the latest research on brain-machine interfaces with neurosurgeon Jaimie Henderson.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Jaimie Henderson**, John and Jene Blume - Robert and Ruth Halperin Professor, Stanford University, USA

## Tuesday 17 January

15.00 - 15.30

Congress Centre - Humanitarian Hub

75 humanitarian hub/impact

### Measuring for Maximum Impact

How can a new mix of impact measurement and machine learning improve development on the ground?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Shirley Ann Jackson**, President, Rensselaer Polytechnic Institute (RPI), USA

**Kamalini Lokuge**, Lead, Humanitarian Research Program, College of Medicine, Biology and the Environment, Australian National University, Australia

15.15 - 15.45

Congress Centre - Sanada

438 conversation/kerry

### A Conversation with John Kerry: Diplomacy in an Era of Disruption

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

Introduced by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum

**John F. Kerry**, US Secretary of State



15.30 - 16.00

Congress Centre - Science Hub

77 science hub/energy systems

### Ask About: Dynamic Modelling of Energy Systems

Explore how to use dynamic metrics to assess the climate impact and cost developments of varying energy technology options.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Jessika Trancik**, Associate Professor, Energy Studies, Massachusetts Institute of Technology (MIT), USA

Tuesday 17 January

15.30 - 16.00

Media Village - Issue Briefing Room

76 issue briefing/ending corruption

## Ending Corruption

With pariah and rogue states' secrecy facilitating crime, corruption, tax evasion and money laundering, what sanctions should be imposed on those that violate international norms?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Margery Kraus**, Founder and Executive Chairman, APCO Worldwide, USA

**Mark Pieth**, Chairman of the Board, Basel Institute on Governance, Switzerland

**Joseph E. Stiglitz**, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by

**Oliver Cann**, Head of Media Content, World Economic Forum



15.45 - 16.15

The Loft - Hub A

78 loft/benevolent machine 1

## Benevolent Machine Exhibition: Traversing the Boundary between Caring and Controlling

Discuss the hidden risks and opportunities of augmented reality and ubiquitous computing with future adviser Noah Raford (The Moral Machine) and video artist Keiichi Matsuda (Hyper Reality).

The **Benevolent Machine** exhibition in the Loft invites us to reflect on potential unintended consequences of emerging technology.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Keiichi Matsuda**, Filmmaker and Designer, Keiichi Matsuda, United Kingdom  
**Noah Raford**, Chief Operating Officer, Dubai Future Foundation, United Arab Emirates

Facilitated by

**Andrea Bandelli**, Executive Director, Science Gallery International, Ireland



15.45 - 16.15

The Loft - Hub B

79 loft/bodmer 1

## High Points of Civilization: A Digital Journey

Discover through 3D digitization some of the original manuscripts and other treasures of humanity that reveal major markers of civilization and hidden cultural linkages.

Developed in partnership with the Fondation Martin Bodmer

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Jacques Berchtold**, Director, Fondation Martin Bodmer, Switzerland



## Tuesday 17 January

16.00 - 16.30

Congress Centre - Mixed Reality Space

81 mixed reality 3

### Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

16.00 - 17.15

Hilton Garden Inn - -

83 refugee experience 3

### A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



16.00 - 16.30

Congress Centre - Health Hub

80 health hub/big data public health

### Ask About: Big Data for Public Health

Big data is creating new opportunities for precision interventions that minimize harm and maximize the benefit of public health policy. Come to the Health Hub for a conversation on precision public health with epidemiologist Emily Banks.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With **Emily Banks**, Professor of Epidemiology and Public Health, Australian National University, Australia

Tuesday 17 January

16.00 - 17.00

Congress Centre - Aspen 2

82 new lead characters

## The New Lead Characters

Pioneers in the global film and television industry have set out to tell stories that celebrate human complexity and diversity. What happens in society when global popular culture includes a more diverse group of leading characters?

This session will be livestreamed on [TopLink](#) and on the [Forum website](#).

**Jin Xing**, Choreographer and Owner, Jin Xing Dance Theatre Shanghai, People's Republic of China

**Karan Johar**, Head, Dharma Productions, India  
**Haifaa Al Mansour**, Independent Filmmaker, Saudi Arabia

**Forest Whitaker**, Social Activist and Sustainable Development Goals Advocate, Whitaker Peace & Development Initiative, USA

Moderated by

**Francine Lacqua**, Editor-at-Large and Presenter, Bloomberg Television, United Kingdom



16.00 - 17.00

Congress Centre - Aspen 1

84 trust in healthcare

## Rebuilding Trust in the Healthcare Industry

Public concern about the future of healthcare extends beyond rising costs and industry behaviour and touches on the purpose of the system itself. What is needed to put the patient back into the centre of the healthcare industry?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**George Barrett**, Chairman and Chief Executive Officer, Cardinal Health, USA

**Frans van Houten**, President and Chief Executive Officer, Royal Philips, Netherlands; Co-Chair of the World Economic Forum Annual Meeting 2017

**Rich Lesser**, Global Chief Executive Officer and President, Boston Consulting Group, USA

**John Milligan**, President and Chief Executive Officer, Gilead Sciences, USA

**Ian C. Read**, Chairman and Chief Executive Officer, Pfizer, USA

Moderated by

**Sara Eisen**, Co-Anchor, Squawk on the Street and Worldwide Exchange, CNBC, USA



16.15 - 17.15

Congress Centre - Arena

91 terrorism

## Terrorism in the Digital Age

Terrorist organizations are using increasingly sophisticated digital networks to signal allegiance to a wider movement, attack their enemies and manage resources. How can leaders respond to the threat of terrorism in the digital age?

Dimensions to be addressed:

- Fragmented struggles against Al Qaeda, Daesh and Boko Haram
- Responsible leadership in international security
- Resilience to the global network

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Jean-Paul Laborde**, Assistant Secretary-General and Executive Director, Counter-Terrorism Committee Executive Directorate, United Nations, New York

**Raheel Sharif**, Chief of Army Staff (2013-2016), Pakistan

**Turki Al Faisal Al Saud**, Chairman, King Faisal Center for Research and Islamic Studies, Saudi Arabia

**Rob Wainwright**, Director, Europol (European Police Office), The Hague

Moderated by

**Louise Richardson**, Vice-Chancellor, University of Oxford, United Kingdom





Tuesday 17 January

16.15 - 17.00

Congress Centre - BetaZone

85 betazone/alzheimer's

## Curing Alzheimer's: The Research Imperative

Explore the new science of Alzheimer's disease and hope for treatment and prevention where none yet exists with ageing expert Richard Hodes.

**P. Murali Doraiswamy**, Professor, Duke University Health System, USA

**Richard J. Hodes**, Director, National Institute on Aging, USA

**Robert Levenson**, Professor, Department of Psychology, University of California, Berkeley, USA

Moderated by

**Linda P. Fried**, Dean and DeLamar Professor of Public Health, Mailman School of Public Health, Columbia University, USA

16.15 - 17.30

Congress Centre - IdeasLab

89 cmu/humans

## Reimagining the Human Body with Carnegie Mellon University

Discover new ideas and insights with leading researchers in the IdeasLab.

- Mimicking the growth of human organs through 3D bio-printing
- Designing exoskeletons that enhance performance through automatic customization
- Teaching virtual humans the secret of reading between the lines

Introduced by

**Subra Suresh**, President, Carnegie Mellon University, USA

Discussion Leaders

**Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Co-Chair, Global Future Council on The Future of Computing

**Steve Collins**, Associate Professor of Mechanical Engineering, Carnegie Mellon University, USA

**Adam Feinberg**, Professor, Carnegie Mellon University, USA

Facilitated by

**Mariette DiChristina**, Editor-in-Chief, Scientific American, USA

16.15 - 17.30

Congress Centre - xChange

86 business case for pluralism

## The Business Case for Pluralism

Deteriorating rule of law around the world is putting people and investments at risk. How can business work with governments and civil society to promote just and inclusive governance systems?

This session is related to a System Initiative (Shaping the Future of Economic Growth and Social Inclusion).

**Mark Cutifani**, Chief Executive, Anglo American, United Kingdom

**Maina Kiai**, UN Special Rapporteur on the Rights to Freedom of Peaceful Assembly and of Association, United Nations, Nairobi

**Peter Laugharn**, President and Chief Executive Officer, Conrad N. Hilton Foundation, USA

**Moisés Naím**, Distinguished Fellow, Carnegie Endowment for International Peace, USA

Discussion Leaders

**Elif Shafak**, Author, Turkey

Moderated by

**Dhananjayan Sriskandarajah**, Secretary-General, Civicus: World Alliance for Citizen Participation, South Africa; Young Global Leader



Tuesday 17 January

16.15 - 17.30

Congress Centre - Atelier

87 climate pathways

## Pathways to a 1.5 Degree World

Achieving the Paris Agreement will require ongoing research to guide the actions of governments, businesses, cities and communities. How can funders, universities and publishing houses collaborate to produce policy-relevant science?

This session is related to a System Initiative (Shaping the Future of Environment and Natural Resource Security).

### Discussion Leaders

**Inger Andersen**, Director-General, International Union for Conservation of Nature (IUCN), Gland  
**Jean-Pierre Bourguignon**, President, European Research Council, Belgium

**Suzanne Fortier**, Principal and Vice-Chancellor, McGill University, Canada

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

**Achim Steiner**, Director, Oxford Martin School, University of Oxford, United Kingdom

### Facilitated by

**Philip Campbell**, Editor-in-Chief, Nature, United Kingdom

### Closing Remarks by

**Lord Nicholas Stern**, President, British Academy, United Kingdom



16.15 - 17.30

Congress Centre - Jakobshorn

88 education ecosystem

## Reshaping the Education Ecosystem

It is estimated that, by the time they reach adulthood, 62% of children entering primary school will have completely different jobs from those that exist today. What are the key features of a future-proof education ecosystem and what innovative collaboration models are needed to implement them?

Dimensions to be addressed:

- Envisioning future-ready curricula
- Promoting exposure to work
- Advancing digital fluency

This session is related to a System Initiative (Shaping the Future of Education, Gender and Work).

### Introduced by

**Saadia Zahidi**, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum

**Asheesh Advani**, President and Chief Executive Officer, JA Worldwide, USA

**Allen Blue**, Co-Founder and Vice-President, Products, LinkedIn Corporation, USA

**Olga Golodets**, Deputy Prime Minister of the Russian Federation

**Helle Thorning-Schmidt**, Chief Executive Officer, Save the Children International, United Kingdom; Co-Chair of the World Economic Forum Annual Meeting 2017

### Moderated by

**Mina Al-Oraibi**, Columnist, Asharq Al-Awsat Newspaper, United Kingdom; Young Global Leader



16.15 - 17.15

Congress Centre - Salon

90 rethinking capitalism

## Rethinking Capitalism

The rise of free market thinking is not only a driving force of today's economic practice but equally powerful as a political ideology. With growing concern about the damaging political and governance effects of concentrated wealth, what alternative views are challenging the dominance of free-market capitalism?

**Gita Gopinath**, Professor of Economics, Harvard University, USA; Young Global Leader

**Dov Seidman**, Founder and Chief Executive Officer, LRN, USA

**Rodrigo Valdés Pulido**, Minister of Finance of Chile

**Kouzou Yamamoto**, Minister of State for the Promotion of Overcoming Population Decline and Vitalizing Local Economy of Japan

### Moderated by

**James Harding**, Director, News and Current Affairs, BBC News, United Kingdom

Tuesday 17 January

16.30 - 17.00

Congress Centre - Global Situation Space

92 gss/urban fragility 1

## Urban Fragility: The Big Picture

From rising inequality to urban violence, embark on a visual exploration that reveals the causes and consequences of fragility in cities now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Robert Muggah**, Research Director, Igarapé Institute, Brazil

**Pan Jiahua**, Director, Institute for Urban and Environmental Studies, Chinese Academy of Social Sciences (CASS), People's Republic of China

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



16.30 - 17.00

Congress Centre - Science Hub

94 science hub/psychology of populism

## Ask About: The Psychology of Populism

Explore how researchers are unravelling the psychology of self-expression in the wake of the Brexit vote and US election outcome.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Molly Crockett**, Associate Professor of Experimental Psychology, University of Oxford, United Kingdom

16.30 - 17.00

Media Village - Issue Briefing Room

429 issue briefing/toolkit for 21st century

## A Toolkit for the 21st Century

From platform economies to cybersecurity, countries are unprepared and ill-equipped to agree on shared norms and rules for the digital economy. What solutions are available?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

Moderated by

**Fadi Chehadé**, Senior Adviser to the Executive Chairman, Digital Economy and Society, World Economic Forum



Tuesday 17 January

16.30 - 17.30

Congress Centre - Sanada

95 yicai/growth markets outlook

## Global Growth Markets Outlook

Accelerating since 2016, but facing an uncertain global environment with almost one-quarter of their debt due this year, will global growth markets remain attractive for business in 2017?

Dimensions to be addressed:

- Strengthening US dollar and risk in emerging markets
- Financial and trade-related deglobalization
- Globalizing emerging-market corporates and improving fundamentals of business

This session was developed in partnership with Yicai.

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Afsaneh Mashayekhi Beschloss**, Founder and Chief Executive Officer, The Rock Creek Group, USA

**Pravin Gordhan**, Minister of Finance of South Africa

**Liu Mingkang**, BCT Distinguished Research Fellow, Institute of Global Economics and Finance, Chinese University of Hong Kong, People's Republic of China

**Arif M. Naqvi**, Founder and Group Chief Executive, Abraaj Group, United Arab Emirates

**Carmen M. Reinhart**, Minos A. Zombanakis Professor of the International Financial System, Harvard Kennedy School, USA

Moderated by

**Yang Yanqing**, Deputy Editor-in-Chief, China Business News, People's Republic of China



17.00 - 17.30

Congress Centre - Health Hub

96 health hub/antimicrobial resistance

## Ask About: Antimicrobial Resistance

Infections that are resistant to drugs are ravaging the world, posing a threat to global health. Come to the Health Hub for a conversation on the latest research on superbugs and drug resistance with physician and infectious disease specialist Jeremy Farrar.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Jeremy Farrar**, Director, Wellcome Trust, United Kingdom

17.30 - 18.30

Congress Centre - Arena

98 consumption update

## Strategy Update: The Future of Consumption

What are the major drivers transforming consumption and how should leaders prepare for this new context?

Dimensions to be addressed:

- Supply-side tracing and transparency
- Networked consumers
- Circular value chains

This session is related to a System Initiative (Shaping the Future of Consumption).

This session will be livestreamed on TopLink and the Forum website.

**Alain Bejjani**, Chief Executive Officer, Majid Al Futtaim Holding, United Arab Emirates

**Jean-François van Boxmeer**, Chairman of the Executive Board and Chief Executive Officer, HEINEKEN, Netherlands

**Doug McMillon**, President and Chief Executive Officer, Wal-Mart, USA

**Tom Szaky**, Founder and Chief Executive Officer, TerraCycle, USA; Social Entrepreneur

**Daniel Zhang**, Chief Executive Officer, Alibaba Group, People's Republic of China

Moderated by

**Baohong Sun**, Dean's Distinguished Chair Professor of Marketing; Associate Dean, Global Programmes, Cheung Kong Graduate School of Business, People's Republic of China



## Tuesday 17 January

17.30 - 18.00

Congress Centre - Science Hub

100 science hub/food systems

### Ask About: Sustainable Food Systems

Explore how precision tracking of agricultural trade could render food systems more sustainable.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Graham MacDonald**, Assistant Professor, Department of Geography, McGill University, Canada

17.30 - 18.00

Congress Centre - Humanitarian Hub

55 humanitarian hub/fintech for good

### Fintech for Good

How can a secure digital identity enable inclusive cash-based aid?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Ann Cairns**, President, International, Mastercard, United Kingdom  
**Kevin Jenkins**, President and Chief Executive Officer, World Vision International, United Kingdom

17.30 - 18.00

The Loft - Hub B

99 forecasting/4ir

### Forecasting Workshop: The Fourth Industrial Revolution

Very smart people often make very big forecasting mistakes. Neither IQ nor subject-matter knowledge is enough, and echo chambers further cloud our thinking. How can we improve the way we predict the future?

Test your powers of prediction, identify blind spots and explore how the latest tools and data science will shift the way we think about the future.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Barbara Mellers**, Professor of Psychology and Marketing, Wharton School, University of Pennsylvania, USA

**Philip Tetlock**, Leonore Annenberg University Professor in Democracy and Citizenship, Wharton School, University of Pennsylvania, USA

Facilitated by

**Adam Grant**, Professor, Management and Psychology, Wharton School, University of Pennsylvania, USA; Young Global Leader



Tuesday 17 January

17.30 - 18.30

Congress Centre - Aspen 1

419 south asia

## Harnessing Regional Cooperation in South Asia

How can South Asia accelerate growth and development through regional economic cooperation?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Manvinder S. Banga**, Operating Partner, Clayton, Dubilier & Rice, United Kingdom  
**Sheikh Hasina**, Prime Minister of Bangladesh  
**Nirmala Sitharaman**, Minister of State for Commerce and Industry of India  
**Ranil Wickremesinghe**, Prime Minister of Sri Lanka  
**Mosharraf Zaidi**, Founder and Campaign Director, Alif Ailaan - Time to End Pakistan's Education Emergency, Pakistan; Young Global Leader

Moderated by

**Rana Foroohar**, Global Business Columnist and Associate Editor, Financial Times, USA



17.30 - 18.45

Congress Centre - Aspen 2

102 shaping davos/urban-rural

## Shaping Davos: Bridging the Urban-Rural Divide

The urban-rural divide is growing across nations worldwide, intensifying societal and political frictions. How can the causes and effects of this polarization be tackled?

Connecting live to the following cities:

- Abuja on preventing radicalization
- Beirut on integrating refugee populations
- London on developing a new political understanding
- Portland on overcoming bias and segregation

This session was developed with the Global Shapers Community, focusing on global issues and local solutions. It is part of a series of live events connecting to 16 cities worldwide.

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**John W. Hickenlooper**, Governor of Colorado, USA

**Lindiwe Mazibuko**, Leader of the Opposition, Parliament of South Africa (2011-2014); Young Global Leader

Moderated by

**Jake Horowitz**, Founder, Mic, USA



17.30 - 18.45

Congress Centre - BetaZone

101 screening/girl in the river

## A Girl in the River: The Transformative Power of Film

Join award-winning filmmaker and Annual Meeting Co-Chair Sharmeen Obaid-Chinoy for a conversation on the power of film in changing the status quo.

This session features a screening of the 2016 Academy Award-winning documentary, [A Girl in the River: The Price of Forgiveness](#), which helped to close a loophole in Pakistan's legislation on honour killings.

With

**Sharmeen Obaid-Chinoy**, Documentary Filmmaker, SOC Films, Pakistan; Co-Chair of the World Economic Forum Annual Meeting 2017; Young Global Leader

Moderated by

**Jacob Weisberg**, Chairman and Editor-in-Chief, Slate Group, USA

Tuesday 17 January

18.00 - 19.00

Congress Centre - Congress Hall

105 fourth industrial revolution

## Preparing for the Fourth Industrial Revolution

What is needed from the public and private sectors to ensure that the Fourth Industrial Revolution benefits all of humanity?

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

Introduced by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum

**Mary Barra**, Chairman and Chief Executive Officer, General Motors Company, USA

**Marc R. Benioff**, Chairman and Chief Executive Officer, Salesforce, USA; Young Global Leader Alumnus

**Shu Yinbiao**, Chairman, State Grid Corporation of China, People's Republic of China

**Vishal Sikka**, Chief Executive Officer, Infosys, USA

Chaired by

**Ngairé Woods**, Dean, Blavatnik School of Government, University of Oxford, United Kingdom



18.00 - 19.00

Congress Centre - Sanada

104 caixin/china overseas

## China's Pivot to World Markets

With investments growing at 20% per year, China is set to overtake the US soon as an outward investor. How are Chinese companies' global investments transforming industries and markets?

This session was developed in partnership with Caixin Media.

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website.

**Alicia Bárcena Ibarra**, Executive Secretary, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago

**Li Xiaopeng**, Vice-Chairman and Group President, China Merchants Group, Hong Kong SAR

**Liu Liehong**, President and Chief Executive Officer, China Electronics Corporation, People's Republic of China

**Nouriel Roubini**, Professor of Economics, Stern School of Business, New York University, USA

**Zhang Yi-Chen**, Chairman and Chief Executive Officer, CITIC Capital, Hong Kong SAR

Moderated by

**Hu Shuli**, Editor-in-Chief, Caixin Media, People's Republic of China



18.30 - 20.00

Open Forum - Swiss Alpine High School - Auditorium

106 open forum/women

## Can Women Have It All?

Growing evidence shows that reducing the employment gender gap is an important driver of economic growth and has a positive impact on inequality across societies. Yet, in Switzerland, only 15% of mothers are in full-time employment. What new policies and business models can help to get more women into the workforce?

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

**Cynthia Castro**, Vice-President, RBA - Reinventing Business for All, Costa Rica; Global Shaper

**Rick Goings**, Chairman and Chief Executive Officer, Tupperware Brands Corporation, USA

**Marie-Gabrielle Ineichen-Fleisch**, State Secretary for Economic Affairs of Switzerland

**Maysoun Odeh Gangat**, Co-Founder and Director, NISAA Radio Broadcasting Company, Palestinian Territories; Social Entrepreneur

**Hamza Yusuf Hanson**, President, Zaytuna College, USA

Moderated by

**Katherine Garrett-Cox**, Member of the Supervisory Board, Deutsche Bank, United Kingdom; Young Global Leader



Tuesday 17 January

20.00 - 22.00

Hotel Cresta Sun - Restaurant

107 back to the future

## Back to the Future

"Study the past if you would define the future."  
– Confucius

What can lessons from the 20th century teach us about the 21st century?

### Discussion Leaders

**Sir Lawrence Freedman**, Emeritus Professor of War Studies, King's College London, United Kingdom

**Margaret MacMillan**, Warden, St Antony's College, University of Oxford, United Kingdom

**W. Patrick McCray**, Professor of History, University of California, Santa Barbara, USA

**Nouriel Roubini**, Professor of Economics, Stern School of Business, New York University, USA

### Moderated by

**Warren Jude Fernandez**, Editor-in-Chief, Straits Times, Singapore



20.00 - 22.00

Hotel Derby - Fluela 1-2-3

108 beyond the possible

## Beyond the Possible

"The only way to discover the limits of the possible is to go beyond them into the impossible."  
– Arthur C. Clarke

As emerging technologies turn science fiction into fact, join leading scientists, technologists and artists over dinner to write the science fiction of tomorrow.

### Discussion Leaders

**David Cox**, Assistant Professor, Molecular and Cellular Biology and Computer Science, Harvard University, USA

**Adam Feinberg**, Professor, Carnegie Mellon University, USA

**Stéphanie Lacour**, Bertarelli Foundation Chair in Neuroprosthetic Technology; Assistant Professor, School of Engineering, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland; Young Global Leader

**Lynn Loo**, Director, Andlinger Center for Energy and the Environment; Theodora D. 78 and William H. Walton III 74 Professor in Engineering, Princeton University, USA; Young Global Leader

**Andreas Raptopoulos**, Chief Executive Officer, Matternet, USA

### Moderated by

**Cory Doctorow**, Author, USA



20.00 - 22.00

Central Sporthotel - Bündnerstube

109 generation change

## Generation Change

"This world demands the qualities of youth: not a time of life but a state of mind, a temper of the will, a quality of imagination, a predominance of courage over timidity, of the appetite for adventure over the love of ease."  
– Robert F. Kennedy

How is the millennial generation shaping our world?

This session was developed in partnership with the Global Shapers Community.

### Opening Remarks by

**Mette-Marit of Norway**, Crown Princess of Norway; Young Global Leader

### Discussion Leaders

**Jaideep Bansal**, Leader, Energy Access, GHE, India; Global Shaper

**Fadi Mikati**, Co-Founder and President, Tripoli Entrepreneurs Club, Lebanon; Global Shaper

**Ana Cristina Vargas**, Founder and Director, Ana Vargas Arquitectura, Venezuela

**Petri Vilén**, Chief Executive Officer and Co-Founder, Industryhack, Finland; Global Shaper

**Chantal Wong**, Head, Strategy, Asia Art Archive (AAA), Hong Kong SAR; Global Shaper

### Moderated by

**Tinna Nielsen**, Founder and Social Entrepreneur, Move the Elephant for Inclusiveness, Denmark; Young Global Leader





Tuesday 17 January

20.00 - 22.00

Hotel Sunstar Alpine - Parsenn 1-2-3

110 power of play

## The Power of Play

"It is a happy talent to know how to play."  
– Ralph Waldo Emerson

Play is critical to well-being, creativity and decision-making. How can we rediscover the childlike imagination within our regimented lives?

### Discussion Leaders

**Carol Becker**, Dean of Faculty, School of the Arts, Columbia University; Author, USA

**Sabine Choucair**, Clown and Storyteller, Clown Me In, Lebanon

**Tracy Fullerton**, Game Designer and Professor, University of Southern California School of Cinematic Arts, USA

**John Grade**, Artist, John Grade Studio, USA

**Imogen Heap**, Chief Executive Officer, Mycelia, United Kingdom

### Moderated by

**Tim Brown**, Chief Executive Officer, IDEO, USA



20.00 - 22.00

Hotel Meierhof - Restaurant

111 rethinking learning

## Rethinking How Children Learn

"Children must be taught how to think, not what to think."

– Margaret Mead

How can we rethink education to nurture healthier, curious and creative children?

### Discussion Leaders

**Wasfia Nazreen**, Explorer, Adventurer, Educator and Writer, National Geographic Society, Bangladesh

**Abeer Odeh**, Minister of National Economy of the Palestinian Authority, Palestinian Territories

**Hakubun Shimomura**, Executive Acting Secretary-General, Liberal Democratic Party, Member of the House of Representatives of Japan, Liberal Democratic Party (LDP), Japan

**Nancy Sumari**, Managing Director, Bongo5 Media Group, Tanzania; Global Shaper

### Moderated by

**Brian Gallagher**, President and Chief Executive Officer, United Way Worldwide, USA



20.00 - 22.00

Kongress Hotel - Restaurant

112 truth

## Where Does Truth Lie?

"Information is not knowledge."  
– Albert Einstein

Media coverage that relies on personalized algorithms only tells a part of the story. How can we break out of our echo chambers?

### Discussion Leaders

**Enrique Acevedo**, Anchor, Univision, USA  
**Platon Antoniou**, Photographer, People's Portfolio, USA

**Molly Crockett**, Associate Professor of Experimental Psychology, University of Oxford, United Kingdom

**Kevin Delaney**, President and Editor-in-Chief, Quartz - Atlantic Media, USA

**Zamantungwa Khumalo**, Executive Producer, Power FM, South Africa; Global Shaper

**Tian Wei**, Host, CCTV News, China Central Television, People's Republic of China

### Moderated by

**Jeanne Bourgault**, President, Internews, USA



## Wednesday 18 January

08.00 - 08.30

Congress Centre - Atelier

113 mindfulness meditation 1

### Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start the day with Buddhist monk Matthieu Ricard to learn and experience the benefits of meditation.

Led by

**Matthieu Ricard**, Founder, Karuna-Shechen, France

08.30 - 12.20

Rinerhorn Mountain - Base Camp

114 base camp/peak performance 1

### Reaching Peak Performance

Rising to the top requires performing under intense personal pressure. Join physician Luke Bennett, who works with Formula 1 world champions, Olympic-level athletes and top executives, to discover how to enhance your performance potential on this alpine retreat at the Base Camp on nearby Rinerhorn Mountain.

The session timings above include the transport. The shuttle to the Base Camp leaves at 08.30 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 11.50 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 12.20.

With

**Luke Bennett**, Director, Medical and Sports Performance, Hints Performance, Switzerland  
**Mika Häkkinen**, F1 World Champion, Finland  
**Nico Rosberg**, F1 World Champion, Germany

Facilitated by

**Linda A. Hill**, Wallace Brett Donham Professor of Business Administration, Harvard Business School, USA



08.45 - 09.30

Congress Centre - Aspen 2

115 insight/whitaker

### An Insight, An Idea with Forest Whitaker

A conversation with actor and Crystal Award honouree Forest Whitaker on fostering peace and reconciliation in disadvantaged and fragile communities around the globe

This session will be livestreamed on TopLink and the Forum website.

**Forest Whitaker**, Social Activist and Sustainable Development Goals Advocate, Whitaker Peace & Development Initiative, USA

Interviewed by

**Zeinab Badawi**, Presenter, BBC World News, United Kingdom



## Wednesday 18 January

09.00 - 10.00

Congress Centre - Arena

### 121 future warfare

## The Future of Warfare

The Fourth Industrial Revolution is blurring the lines between war and peace and expanding the boundaries of the battlefield to new domains. How can we prepare for a new kind of war?

[This session will be livestreamed on TopLink and the Forum website.](#)

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA  
**Sir Lawrence Freedman**, Emeritus Professor of War Studies, King's College London, United Kingdom

**Jean-Marie Guéhenno**, President and Chief Executive Officer, International Crisis Group (ICG), Belgium

**Jeanine Hennis-Plasschaert**, Minister of Defence of the Netherlands

**Moderated by**

**Shirley Ann Jackson**, President, Rensselaer Polytechnic Institute (RPI), USA



09.00 - 09.45

Congress Centre - BetaZone

### 117 betazone/healthy eating

## Healthy Eating: From Personal Responsibility to Politics

Discover with Marion Nestle, nutritionist and best-selling author, how our relationship to food, diet and health is influenced by politics, and why it matters.

This session was developed in partnership with the New England Journal of Medicine.

**Marion Nestle**, Professor, New York University, USA

**Moderated by**

**Jeffrey M. Drazen**, Editor-in-Chief, New England Journal of Medicine, USA

09.00 - 09.30

Congress Centre - Mixed Reality Space

### 126 mixed reality 4

## Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

[Located in the Gallery on the Middle Level \(0\) of the Congress Centre](#)

[Please arrive early, as seating is limited in the Mixed Reality Space.](#)

## Wednesday 18 January

09.00 - 10.15

Hilton Garden Inn - -

127 refugee experience 4

### A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



09.00 - 09.30

Congress Centre - Humanitarian Hub

122 humanitarian hub/next billion

### Mobilizing the Next Billion

How can leadership skills of the next generation be honed to mobilize the next billion humanitarian actors?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Saif Kamal**, Founder, Toru - The Idea Tree, Bangladesh; Global Shaper  
**Igor Tulchinsky**, Chief Executive Officer, WorldQuant, USA

09.00 - 09.30

Congress Centre - Science Hub

128 science hub/cognitive computing

### Ask About: Cognitive Computing

Explore how researchers are using high-performance computing technologies to unlock the potential of human problem-solving in data-rich environments.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Nick Jennings**, Vice-Provost, Research, Imperial College London, United Kingdom

Wednesday 18 January

09.00 - 10.15

Congress Centre - IdeasLab

123 anu/health innovation

## Precision Public Health with the Australian National University

Discover new ideas and insights with leading researchers in the IdeasLab.

- Avoiding the mistakes of the past: big data to minimize harm and maximize benefit in health
- Employing precision and personalized medicine for better management of complex chronic disease
- Discovering health innovations from those who live in areas of conflict or extreme disadvantage

### Introduced by

**Brian Schmidt**, Vice-Chancellor, Australian National University, Australia

### Discussion Leaders

**Emily Banks**, Professor of Epidemiology and Public Health, Australian National University, Australia

**Carola G Vinuesa**, Head, Department of Immunology and Infectious Disease, John Curtin School of Medical Research, Australian National University, Australia

**Kamalini Lokuge**, Lead, Humanitarian Research Program, College of Medicine, Biology and the Environment, Australian National University, Australia

### Facilitated by

**Francis S. Collins**, Director, National Institutes of Health, USA

09.00 - 10.15

Congress Centre - xChange

119 europe roundtable

## Europe Roundtable: Fostering Inclusion and Competitiveness

As the recovery of the Eurozone remains fragile, policy-makers are looking for tools to kick growth into higher gear. How can Europe return to a stronger growth track and make its benefits more widely felt?

This session was prepared in collaboration with the Europe Inclusive Growth and Competitiveness Lab.

### Introduced by

**Jennifer Blanke**, Chief Economist, Member of the Executive Committee, World Economic Forum

### Opening Remarks by

**Werner Hoyer**, President, European Investment Bank (EIB), Luxembourg

**Michael Rake**, Chairman, BT Group, United Kingdom

### Discussion Leaders

**Magdalena Andersson**, Minister of Finance of Sweden

**Francesco Caio**, Chief Executive Officer, Poste Italiane, Italy

**Luis De Guindos Jurado**, Minister of Economy, Industry and Competitiveness of Spain

**Rob Leslie**, Chief Executive Officer, Sedicii, Ireland

**Carlos Moedas**, Commissioner, Research, Science and Innovation, European Commission, Brussels

### Moderated by

**Alessandra Galloni**, Global News Editor, Thomson Reuters, United Kingdom; Young Global Leader



09.00 - 10.15

Congress Centre - Jakobshorn

124 informed society

## An Informed Society

The average adult in the US consumes more than 10 hours of digital media per day. Is the internet an engine of liberation or a distraction and dependency?

Dimensions to be addressed:

- Online user awareness and media literacy
- Designing for social trust
- Policies for digital citizens

This session is related to a System Initiative (Shaping the Future of Information and Entertainment).

**Rebecca MacKinnon**, Director, Ranking Digital Rights, USA

**Jason Mojica**, Executive Producer, VICE Documentary Films, USA

**Jean Philbert Nsengimana**, Minister of Youth and Information Communication Technology of Rwanda

**Yuhyun Park**, Chair, infollutionZERO Ahn-Sei Foundation, Singapore; Young Global Leader

**Mark Thompson**, President and Chief Executive, New York Times, USA

### Moderated by

**David Kirkpatrick**, Chief Executive Officer, Techonomy Media, USA



Wednesday 18 January

09.00 - 09.30

The Loft - Agora

116 agora/space & materials

## World-Changing Technology: Space, Materials and New Production Technologies

Join global technology leaders for an executive briefing on how space technologies, advanced materials and new ways of producing physical goods are driving the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

**Ellen Stofan**, Chief Scientist of NASA (2013-2016), Honorary Professor, Hazard Research Centre, University College London (UCL), United Kingdom

**Jeffrey R. Tarr**, President and Chief Executive Officer, DigitalGlobe, USA

Moderated by

**Joe Schoendorf**, Partner, Accel Partners, USA



09.00 - 10.00

Congress Centre - Salon

129 well-being & leadership

## Putting Well-Being First

Happier workforces are more productive and take fewer sick days. How are organizations cultivating personal well-being?

**Elizabeth Blackburn**, President, Salk Institute for Biological Studies, USA

**Niko Canner**, Founder, Incandescent, USA; Young Global Leader

**Arianna Huffington**, Founder, Thrive Global, USA

Moderated by

**P. Murali Doraiswamy**, Professor, Duke University Health System, USA

09.00 - 09.30

Media Village - Issue Briefing Room

125 issue briefing/forecasting failure

## Forecasting Failure

With pundits failing to foresee the US election result and Brexit, the strategic importance of big data and social media is greater than ever. What impact will they have on the way elections are fought – and won – in the future?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Molly Crockett**, Associate Professor of Experimental Psychology, University of Oxford, United Kingdom

**Philip Tetlock**, Leonore Annenberg University Professor in Democracy and Citizenship, Wharton School, University of Pennsylvania, USA

Moderated by

**Michael Hanley**, Head of Digital Communications, Member of the Executive Committee, World Economic Forum



Wednesday 18 January

09.00 - 10.00

Congress Centre - Sanada

118 bloomberg/middle class

## Squeezed and Angry: How to Fix the Middle- Class Crisis

Poor employment prospects and low-income growth in many developed economies have laid the groundwork for the rise of populism. Did policy-makers ignore these trends or do too little to redress them? What can be done to restore growth in the middle class and confidence in the future?

This session was developed in partnership with Bloomberg.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Ray Dalio**, Founder, Co-Chief Executive Officer and Co-Chief Investment Officer, Bridgewater Associates, USA

**Chrystia Freeland**, Minister of International Trade of Canada; Young Global Leader Alumnus

**Christine Lagarde**, Managing Director, International Monetary Fund (IMF), Washington DC

**Pier Carlo Padoan**, Minister of Economy and Finance of Italy

**Lawrence H. Summers**, Charles W. Eliot University Professor, Harvard University, USA

Moderated by

**Francine Lacqua**, Editor-at-Large and Presenter, Bloomberg Television, United Kingdom



09.00 - 10.30

Congress Centre - Atelier

120 faith solutions

## Unconventional Solutions: The Role of Faith

What innovative approaches can harness faith-based solutions to the pressing challenges of today?

Session objectives:

- Learn from emergent faith-based responses to financial systems, development work and humanitarian response
- Establish new ways for governments, businesses and faith communities to work together in a digitally enabled era
- Prioritize a list of unconventional solutions with scaling potential

Discussion Leaders

**Bani Dugal**, Principal Representative, Bahá'í International Community's United Nations Office, New York

**Nasereldin Haghamed**, Chief Executive Officer, Islamic Relief Worldwide, United Kingdom

**Yannick Heiniger**, Manager, Partnerships, International Committee of the Red Cross (ICRC), Geneva; Global Shaper

**Suzanne Matale**, General Secretary, Council of Churches in Zambia, Zambia

**Azman Mokhtar**, Managing Director, Khazanah Nasional, Malaysia

**James T. Riady**, Chief Executive Officer, Lippo Group, and Founder, Siloam Hospitals, Indonesia

Facilitated by

**Monica Maggioni**, President, RAI-Radiotelevisione Italiana, Italy

09.15 - 09.45

Congress Centre - Global Situation Space

131 gss/pandemic 2

## Pandemics: The Big Picture

From Ebola and Zika to obesity, embark on a visual exploration that reveals the global spread of pandemics now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Peter Piot**, Director and Professor of Global Health, London School of Hygiene and Tropical Medicine, United Kingdom

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



Wednesday 18 January

09.15 - 10.15

Congress Centre - Aspen 1

130 euronews/post-multicultural era

## The Post-Multicultural Era?

Multicultural and assimilation policies of integration are being challenged in this time of cultural divisiveness. How can we build a new social contract that ensures trust between people of varied backgrounds?

This session was developed in partnership with Euronews.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Lonnie Bunch**, Director, National Museum of African American History and Culture, Smithsonian Institution, USA

**Brendan Cox**, Director, More in Common, United Kingdom; Young Global Leader

**Alexander De Croo**, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader

**Elif Shafak**, Author, Turkey

Moderated by

**Isabelle Kumar**, Journalist and Presenter, Euronews, France



09.30 - 10.00

Congress Centre - Health Hub

132 health hub/human microbiome

## Ask About: The Human Microbiome

Explore how the 10-100 trillion symbiotic microbial cells that live within the human body affect an individual's physical and mental health. Come to the Health Hub for a conversation on the latest research on the human microbiome with expert Ilana Brito.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Ilana Brito**, Assistant Professor, Mong Family Sesquicentennial Faculty Fellow in Biomedical Engineering, Cornell University, USA

09.45 - 10.15

The Loft - Hub A

134 tipping point/space power systems

## Tipping Point: Space Power Systems

Imagine in 2025 that the cost of putting material and people into space is under \$500 per kilo, less than 10% of the cost today, dramatically increasing access to global communications, satellite monitoring and space-based platforms for innovation. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**William Marshall**, Co-Founder and Chief Executive Officer, Planet Labs, USA; Young Global Leader





## Wednesday 18 January

09.45 - 10.15

The Loft - Hub B

135 tipping point/synthetic food

### Tipping Point: Synthetic Food

Imagine in 2025 that 10% of the world's protein needs can be met sustainably through bio-printing meat products. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Patrick Brown**, Chief Executive Officer and Founder, Impossible Foods, USA

**Adam Feinberg**, Professor, Carnegie Mellon University, USA



09.45 - 10.15

Congress Centre - Aspen 2

133 insight/sandel

### An Insight, An Idea with Michael Sandel

A conversation with philosopher and best-selling author Michael Sandel on the moral predicament of democratic capitalism, and where to go from here

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Michael Sandel**, Anne T. and Robert M. Bass Professor of Government, Harvard University, USA

Interviewed by

**Gillian R. Tett**, Managing Editor, US, Financial Times, USA



10.00 - 10.30

Congress Centre - Humanitarian Hub

136 humanitarian hub/labour

### Facilitating Labour Market Integration

How can smart partnerships and training courses facilitate the integration of refugees into the labour market?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Norbert Winkeljohann**, Senior Partner, PwC, Germany

## Wednesday 18 January

10.00 - 10.30

Congress Centre - Science Hub

137 science hub/climate adaptation

### Ask About: Climate Adaptation

Explore how to respond to sea-level rise, and increasing storm and flood risk.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

10.00 - 10.30

Media Village - Issue Briefing Room

36 issue briefing/cop out

### Climate Change: COP Out?

The year 2015 was one of environmental momentum. Will world leaders still be able to fight the battle against climate change despite the shocks of 2016?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Patricia Espinosa Cantellano**, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC), Bonn

**Jennifer Morgan**, Executive Director, Greenpeace International, Netherlands

**Lord Nicholas Stern**, President, British Academy, United Kingdom

Moderated by

**Dominic Kailash Nath Waughray**, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum



10.30 - 11.30

Congress Centre - BetaZone

138 betazone/underwater

### Worlds Underwater

Explore how rapid industrial expansion has disrupted fragile aquatic ecosystems and how technology can help to restore them with marine biologist Douglas McCauley and technology pioneer Matthew Silver.

Introduced by

**Sheikh Hasina**, Prime Minister of Bangladesh

**Douglas McCauley**, Marine Biologist and Assistant Professor, University of California, Santa Barbara, USA

**Matthew Silver**, Founder and Chief Executive Officer, Cambrian Innovation, USA; Technology Pioneer

Moderated by

**Usha Rao-Monari**, Chief Executive Officer, Global Water Development Partners, United Kingdom

## Wednesday 18 January

10.30 - 11.00

Congress Centre - Health Hub

139 health hub/stress

### Ask About: Stress

Stress – caused by adverse life events and circumstances – is one of the most potent contributors to a host of severe problems. Come to the Health Hub for a conversation on the latest research on stress with psychologist Iris Mauss.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Iris Mauss**, Associate Professor, Department of Psychology, University of California, Berkeley, USA

10.30 - 11.30

Congress Centre - Salon

140 what if/pregnancy

### What If: Pregnancy Becomes Obsolete?

Advances in reproductive technology may make it possible to grow a foetus artificially in the lab. What if pregnancy were to become unnecessary?

Explore the possible, plausible and probable impacts of the Fourth Industrial Revolution.

**Anne-Birgitte Albrechtsen**, Chief Executive Officer, Plan International, United Kingdom  
**Magdalena Andersson**, Minister of Finance of Sweden  
**Babatunde Osotimehin**, Executive Director, United Nations Population Fund (UNFPA), New York  
**Charis Thompson**, Chancellor's Professor; Chair, Gender and Women's Studies, University of California, Berkeley, USA

Moderated by

**Joe Palca**, Science Correspondent, NPR, USA

10.30 - 11.00

Congress Centre - Congress Hall

439 address/biden

### Special Address by Joe Biden, Vice President of the United States

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

Introduced by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum

Special Address by

**Joseph R. Biden Jr**, Vice-President of the United States of America



Wednesday 18 January

10.45 - 11.15

Congress Centre - Global Situation Space

142 gss/food crisis 2

## Food Crisis: The Big Picture

From water waste to nutritional deficiencies, embark on a visual exploration that reveals the causes and consequences of food insecurity now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Tim Benton**, Dean for Strategic Research, University of Leeds, United Kingdom

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA

**Frances Seymour**, Senior Fellow, Center for Global Development, USA



10.45 - 12.00

Congress Centre - IdeasLab

143 stanford/senses

## Reinventing the Senses with Stanford University

Discover new ideas and insights with leading researchers in the IdeasLab.

- Engineering brain-computer interfaces to regain control of movement
- Developing haptic systems to restore and enhance the sense of touch
- Producing bionic eyes to restore and augment vision

Discussion Leaders

**E.J. Chichilnisky**, Professor of Neurosurgery and of Ophthalmology, Stanford University, USA

**Jaimie Henderson**, John and Jene Blume - Robert and Ruth Halperin Professor, Stanford University, USA

**Allison Okamura**, Professor, Stanford University, USA

Facilitated by

**Jeffrey M. Drazen**, Editor-in-Chief, New England Journal of Medicine, USA

10.45 - 11.15

The Loft - Agora

141 agora/production tech governance

## Governing Disruption: New Production Technologies

Which societal values are being challenged by new production technologies such as 3D printing, and how might we design new technologies or institutions to address these ethical dilemmas?

Join experts in the Loft for a Socratic dialogue on the future of governance in the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Stefan Doboczky**, Chief Executive Officer, Lenzing, Austria

**Kristina Shea**, Professor, Engineering Design and Computing, ETH Zurich, Switzerland

Moderated by

**Ian Goldin**, Professor of Globalization and Development and Senior Fellow, Oxford Martin School, University of Oxford, United Kingdom



Wednesday 18 January

10.45 - 11.15

Congress Centre - Aspen 1

144 insight/wang jianlin

## An Insight, An Idea with Wang Jianlin

A conversation with Wang Jianlin, Chairman and Founder of Dalian Wanda Group, on his vision of the role of entertainment and sport for a more diverse, tolerant and understanding society across borders

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website.

Introduced by

**David Aikman**, Chief Representative Officer, Greater China, Member of the Executive Committee, World Economic Forum Beijing Representative Office

**Wang Jianlin**, Chairman, Dalian Wanda Group, People's Republic of China

Interviewed by

**John Micklethwait**, Editor-in-Chief, Bloomberg, USA



10.45 - 11.45

Congress Centre - Aspen 2

145 quartz/globalization

## Governing Globalization

Four out of five jobs lost due to globalization have been sacrificed to technological change rather than trade. What have we learned about globalization to improve its governance?

This session was developed in partnership with Quartz.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Arancha Gonzalez Laya**, Executive Director, International Trade Centre (ITC), Geneva  
**Stefan Löfven**, Prime Minister of Sweden  
**Dambisa Moyo**, Author; Young Global Leader  
**Abidali Neemuchwala**, Chief Executive Officer, Wipro, USA  
**Bradford L. Smith**, President and Chief Legal Officer, Microsoft Corporation, USA

Moderated by

**Kevin Delaney**, President and Editor-in-Chief, Quartz - Atlantic Media, USA



11.00 - 12.00

Congress Centre - Arena

148 future latin america

## Shaping the Future of Latin America

What priorities are shaping the Latin American agenda in times of change?

Dimensions to be addressed:

- Impact of macroeconomic headwinds
- Effects of political transformation
- Adjusting to new forms of power

This session will be livestreamed on TopLink and the Forum website.

**Horacio Manuel Cartes Jara**, President of Paraguay  
**Rebeca Grynspan**, Secretary-General, Secretaría General Iberoamericana (SEGIB), Madrid  
**Angel Gurría**, Secretary-General, Organisation for Economic Co-operation and Development (OECD), Paris  
**Moisés Naím**, Distinguished Fellow, Carnegie Endowment for International Peace, USA

Moderated by

**Ricardo Hausmann**, Director, Center for International Development and Professor, Practice of Economic Development, Harvard University, USA



## Wednesday 18 January

11.00 - 11.30

Congress Centre - Science Hub

150 science hub/self-assembling algorithms

### Ask About: Self-Assembling Algorithms

Explore how to tackle the data skills crunch with self-programming machines.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Gerard Gorman**, Reader in Computational Science, Imperial College London, United Kingdom

11.00 - 11.30

Media Village - Issue Briefing Room

149 issue briefing/human rights

### Human Rights in a Multipolar World

The concept of human rights means different things in different parts of the world. As we continue to move towards a multipolar world, how will demographic, cultural and religious considerations impact the way we treat fellow humans?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Zeid Ra'ad Al Hussein**, United Nations High Commissioner for Human Rights, Geneva  
**Salil Shetty**, Secretary-General, Amnesty International, United Kingdom

Moderated by

**Nicholas Davis**, Head of Society and Innovation, Member of the Executive Committee, World Economic Forum



11.00 - 12.00

Congress Centre - Congress Hall

147 business compact

### A Compact for Responsible Business Leadership

How can industry leaders restore the compact between business and society, ensuring that companies are responsive and responsible to all their stakeholders?

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Dominic Barton**, Global Managing Partner, McKinsey & Company, USA  
**Frans van Houten**, President and Chief Executive Officer, Royal Philips, Netherlands; Co-Chair of the World Economic Forum Annual Meeting 2017  
**Hiroaki Nakanishi**, Executive Chairman, Hitachi, Japan

Chaired by

**Jim Hagemann Snabe**, Member of the Board of Trustees, World Economic Forum



## Wednesday 18 January

11.00 - 12.00

Congress Centre - Sanada

146 [bbc/new politics](#)

### Politics of Fear or Rebellion of the Forgotten?

As populism rises across the globe, is it playing on the politics of fear or is it an overdue rebellion of the forgotten?

This session was developed in partnership with BBC.

This session will be livestreamed on [TopLink](#) and the [Forum](#) website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Eric I. Cantor**, Vice-Chairman and Managing Director, Moelis & Company, USA

**Elif Shafak**, Author, Turkey

**Ursula von der Leyen**, Federal Minister of Defence of Germany

Moderated by

**Zeinab Badawi**, Presenter, BBC World News, United Kingdom



11.30 - 12.00

Promenade - Humanae

151 [behind the idea/humanae 1](#)

### Behind the Artist's Idea: Humanae

Join Angélica Dass to learn about her vision of transcending traditional notions of skin colour with [Humanae](#), her global portrait project with a unique twist.

The [Humanae](#) exhibition is located outside, only a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Angélica Dass**, Photographer, Angélica Dass, Spain



11.30 - 12.00

The Loft - Hub B

153 [loft/space policy](#)

### Technology Partnerships: Space

While 2017 will mark the 50th anniversary of the first outer space treaty, many institutional hurdles still exist to realize the promised benefits of space. What policy interventions and innovative partnerships could help emerging space technologies deliver the maximum value for humanity?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Xavier Bettel**, Prime Minister and Minister for Communications, Media and Culture of Luxembourg

**George Whitesides**, Chief Executive Officer, Virgin Galactic, USA



Wednesday 18 January

11.30 - 12.00  
The Loft - Hub A

154 loft/sustainability tech policy

## Technology Partnerships: Tech for Sustainability

Emerging technologies have the potential to transform the way we harness energy, protect environmental services and respond to climate change. What investments, policies and partnerships can ensure that emerging technologies help us to be better stewards of the environment?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With  
**Tony Pan**, Chief Executive Officer, Modern Electron, USA; Global Shaper



11.30 - 12.00  
Congress Centre - Health Hub

404 health hub/gender

## Ask About: The Genetics of Sex and Gender

Research into the biological difference between the sexes is revealing a picture of humankind far more diverse than captured by traditional notions of male and female. Come to the Health Hub for a conversation on the latest research with professor and expert in the field of human genetics and gender-based biology Eric Vilain.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With  
**Eric Vilain**, Professor of Human Genetics, Pediatrics and Urology; Director, Center for Gender-Based Biology, David Geffen School of Medicine at UCLA, USA

11.30 - 12.00  
Congress Centre - Aspen 1

431 insight/rometty

## An Insight, An Idea with Ginni Rometty

A conversation with Ginni Rometty, Chairman, President and Chief Executive Officer of IBM, on business transformation in the era of cognitive computing.

This session will be livestreamed on TopLink and the Forum website.

**Ginni Rometty**, Chairman, President and Chief Executive Officer, IBM Corporation, USA

Interviewed by  
**Fareed Zakaria**, Host, Fareed Zakaria GPS





Wednesday 18 January

12.30 - 13.45

Hilton Garden Inn - -

164 refugee experience 5

## A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



12.30 - 13.45

Hotel Derby - Fluela 1-2-3

156 china middle class

## China's Growing Middle

How is the world's largest middle class reshaping China and the world?

Dimensions to be addressed:

- Consumer demand at home and abroad
- Challenges of an ageing population
- Cultural dynamism and civic participation

**Simultaneous interpretation in English and Mandarin Chinese**

**Discussion Leaders**

**Jim Breyer**, Founder and Chief Executive Officer, Breyer Capital, USA

**Fang Cai**, Vice-President, Chinese Academy of Social Sciences (CASS), People's Republic of China

**Shi Wenchao**, President, China UnionPay, People's Republic of China

**Baohong Sun**, Dean's Distinguished Chair Professor of Marketing; Associate Dean, Global Programmes, Cheung Kong Graduate School of Business, People's Republic of China

**Xu Niansha**, Chairman, Poly Group, People's Republic of China

**Kouzou Yamamoto**, Minister of State for the Promotion of Overcoming Population Decline and Vitalizing Local Economy of Japan

**Moderated by**

**Tian Wei**, Host, CCTV News, China Central Television, People's Republic of China



12.30 - 13.45

Hotel Cresta Sun - Restaurant

157 co-design/africa stem research

## Promoting STEM Research in Africa

Sub-Saharan Africa is home to 12% of the world's population, yet less than 1% of research output comes from the region. How can investment in STEM research be mobilized to support the continent's economic performance and productivity?

This session was developed in partnership with the Alliance for Accelerating Excellence in Science in Africa, Bill & Melinda Gates Foundation, National Institutes of Health and Wellcome Trust.

**Introduced by**

**Elsie S. Kanza**, Head of Africa, Member of the Executive Committee, World Economic Forum; Young Global Leader

**Discussion Leaders**

**Thomas Kariuki**, Director, African Academy of Sciences, Kenya

**Nneka Mobisson**, Co-Founder and Chief Executive Officer, mDoc, South Africa; Young Global Leader

**James Mworira**, Chief Executive Officer, Centum, Kenya; Young Global Leader

**Iqbal Survé**, Executive Chairman, Sekunjalo, South Africa

**Moderated by**

**Francis S. Collins**, Director, National Institutes of Health, USA



Wednesday 18 January

12.30 - 13.45

Morosani Posthotel - Davoserstube

158 co-design/future workforce

## 1,000 Days for the Future Workforce

How is investing in early brain development the key to a workforce that can deliver on the Fourth Industrial Revolution?

Dimensions to be addressed:

- Role of early brain development, nutrition and learning
- Impact of technological and digital disruptions
- Public-private collaboration for future workforce development

This session was developed in partnership with Lego and UNICEF.

### Discussion Leaders

**Jim Yong Kim**, President, World Bank, Washington DC

**Anthony Lake**, Executive Director, United Nations Children's Fund (UNICEF), New York

**Risa Lavizzo-Mourey**, Chief Executive Officer and President, Robert Wood Johnson Foundation (RWJF), USA

**Hanne Elisabeth Rasmussen**, Chief Executive Officer, The LEGO Foundation, Denmark

**Kaan Terzioglu**, Chief Executive Officer, Turkcell Iletisim Hizmetleri, Turkey

### Moderated by

**Brian Schmidt**, Vice-Chancellor, Australian National University, Australia



12.30 - 13.45

Morosani Schweizerhof - Arvenstube

159 infrastructure development

## Getting Infrastructure Back on Track

Infrastructure investment has declined in 11 of the G20 economies since 2008, despite low interest rates and easy access to financing. What stands in the way of realizing a robust pipeline of infrastructure projects globally?

Dimensions to be addressed:

- Addressing long-term needs in project prioritization and planning
- Building affordable, accessible and inclusive infrastructure
- Ensuring modernization, technology adoption and standardization in construction

This session is related to a System Initiative (Shaping the Future of Long-Term Investing, Infrastructure and Development).

### Introduced by

**Pedro Rodrigues de Almeida**, Head of Basic Industries, Member of the Executive Committee, World Economic Forum

### Discussion Leaders

**Dominic Barton**, Global Managing Partner, McKinsey & Company, USA

**Neil Alexander Bruce**, President and Chief Executive Officer, SNC-Lavalin Group, Canada

**Michael S. Burke**, Chairman and Chief Executive Officer, AECOM, USA

**Ajit Gulabchand**, Chairman, HCC, India

**Keiko Honda**, Executive Vice-President and Chief Executive Officer, Multilateral Investment Guarantee Agency (MIGA), Washington DC

**Mark Machin**, President and Chief Executive Officer, CPP Investment Board (CPIB), Canada

### Moderated by

**Gordon Brown**, UN Special Envoy for Global Education; Chair, Global Commission on Financing Global Education Opportunity



12.30 - 13.45

Ameron Swiss Mountain Hotel - Campanello

160 new nordic model

## Time for a New Nordic Model?

The Nordic economies have topped indices of competitiveness and well-being in recent years but can no longer rely primarily on their welfare models and open economies to drive growth in the long term.

How are Nordic businesses and societies adjusting to cope with pressures in an ever-more globalized world?

### Discussion Leaders

**Børge Brende**, Minister of Foreign Affairs of Norway

**Erik Brynjolfsson**, Director, MIT Initiative on the Digital Economy, MIT - Sloan School of Management, USA

**Risto Siilasmaa**, Chairman of the Board of Directors, Nokia Corporation, Finland

### Moderated by

**Daniel Sachs**, Chief Executive Officer, Proventus, Sweden; Young Global Leader



Wednesday 18 January

12.30 - 13.45

Morosani Posthotel - Poststube

161 new security

## A New Security Paradigm

From email accounts to corporate assets in space, the private sector is increasingly burdened with a responsibility to secure goods and services against threats from criminal, activist and even state actors. How are new models and entities reshaping global security?

### Discussion Leaders

**Jean-Marie Guéhenno**, President and Chief Executive Officer, International Crisis Group (ICG), Belgium

**Mark McLaughlin**, Chief Executive Officer, Palo Alto Networks, USA

**Robert Muggah**, Research Director, Igarapé Institute, Brazil

**Henry Ross Perot Jr**, Chairman of the Board, Perot Companies, USA

### Moderated by

**Espen Barth Eide**, United Nations Special Adviser on Cyprus, United Nations, Nicosia



12.30 - 13.45

Hotel Meierhof - Restaurant

163 power of sport

## The Transformative Power of Sport

How can sport pave the way towards more cohesive and inclusive societies?

Dimensions to be addressed:

- Conveying leadership skills and core values
- Providing opportunity for disadvantaged communities
- Rebuilding trust in the industry and mega sporting events

### Discussion Leaders

**Nerio Alessandri**, Founder and Chairman, Technogym, Italy

**Esteban Bullrich**, Minister of Education and Sports of Argentina; Young Global Leader

**Yusra Mardini**, Swimmer, Olympic Athlete, Germany

**Tamayo Marukawa**, Minister in charge of the Tokyo Olympic and Paralympic Games, Cabinet Office of Japan, Japan

**Mark Pieth**, Chairman of the Board, Basel Institute on Governance, Switzerland

### Moderated by

**William Owens**, Executive Editor, CBS News, USA



12.30 - 13.45

Ameron Swiss Mountain Hotel - Symondpark

165 truth or tale

## Truth or Tale?

The proliferation of digital media has created an overflow of information and expert sources. How can digital media build trust in a post-truth age?

Dimensions to be addressed:

- Social media and network effects
- Business models based on users and scale
- Digital literacy education and awareness

Join media leaders, journalists, storytellers and content creators to debate the role of the media today.

### Discussion Leaders

**Stephen J. Adler**, President and Editor-in-Chief, Thomson Reuters, USA

**Jake Horowitz**, Founder, Mic, USA

**Melanie Joly**, Minister for Canadian Heritage of Canada; Young Global Leader

**Prannoy Roy**, Founder and Executive Co-Chairperson, New Delhi Television (NDTV), India

### Moderated by

**Noreena Hertz**, Economics Editor, ITV News, United Kingdom; Young Global Leader



Wednesday 18 January

12.30 - 13.00

Congress Centre - Arena

433 conversation/johar & obaid-chinoy

## A Conversation with Karan Johar and Sharmeen Obaid-Chinoy

Join a conversation between leading filmmakers Sharmeen Obaid-Chinoy from Pakistan and Karan Johar from India on their journeys as artists in the Indian subcontinent and on the power of film for diplomacy.

This session will be livestreamed on TopLink and the Forum website.

With

**Karan Johar**, Head, Dharma Productions, India  
**Sharmeen Obaid-Chinoy**, Documentary Filmmaker, SOC Films, Pakistan; Co-Chair of the World Economic Forum Annual Meeting 2017; Young Global Leader



12.30 - 13.30

Congress Centre - Aspen 1

162 nhk/prosperity & longevity

## Prosperity in the Age of Longevity

If living to 100 becomes the norm, how can societies ensure prosperity and inclusivity across generations?

This session was developed in partnership with NHK.

Simultaneous interpretation in English and Japanese

This session will be livestreamed on TopLink and on the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**David B. Agus**, Professor of Medicine and Engineering, Lawrence J. Ellison Institute for Transformative Medicine of USC, USA

**Lynda Gratton**, Professor of Management Practice, London Business School, United Kingdom

**William Francis Morneau**, Minister of Finance of Canada

**Yasuhiro Sato**, President and Chief Executive Officer; Member of the Board of Directors, Mizuho Financial Group, Japan

Moderated by

**Kenji Kohno**, Anchor, NHK News Watch9, NHK (Japan Broadcasting Corporation), Japan



12.45 - 13.15

Congress Centre - Global Situation Space

166 gss/refugee crisis 2

## Refugee Crisis: The Big Picture

From conflict refugees to climate migrants, embark on a visual exploration that reveals the causes and consequences of our refugee crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Khalid Koser**, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA

**Achim Steiner**, Director, Oxford Martin School, University of Oxford, United Kingdom



Wednesday 18 January

12.45 - 14.15

Open Forum - Swiss Alpine High School - Auditorium

167 open forum/leadership

## Leading in Divided Times

We are living in an era of social fragmentation, economic disruption and generational and political divides. What can leaders do to prevent conflict and bridge these growing differences?

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

**Peter Maurer**, President, International Committee of the Red Cross (ICRC), Geneva  
**Amre Moussa**, Secretary-General of the League of Arab States (2001-2011); Head of the Constitution of Fifty, Egypt  
**Pier Carlo Padoan**, Minister of Economy and Finance of Italy  
**Michaella Rugwizangoga**, Managing Partner, Future54, Rwanda

Moderated by

**Daniel Shapiro**, Founder and Director, Harvard International Negotiation Program, Harvard University, USA; Young Global Leader



13.00 - 13.30

Congress Centre - Mixed Reality Space

169 mixed reality 5

## Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

13.00 - 14.00

Congress Centre - Aspen 2

168 al arabiya/arab economies

## The Future of Arab Economies

As the Fourth Industrial Revolution transforms the way people live, work and produce, how can Arab economies realize the full potential of a digitally enabled future?

Dimensions to be addressed:

- Digital transformation of industries
- Nurturing skills and quality education
- Regional approaches to data governance

This session was developed in partnership with Al Arabiya.

Simultaneous interpretation in English and Arabic

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Youssef Chahed**, Prime Minister, Office of the Head of Government of Tunisia

**Mohammad Abdullah Al Gergawi**, Minister of Cabinet Affairs and the Future of the United Arab Emirates

**Khaled H. Biyari**, Chief Executive Officer, Saudi Telecom, Saudi Arabia

**Tarek Kabil**, Minister of Trade and Industry of Egypt

**Peter Smith**, Chief Executive Officer, Blockchain, USA

Moderated by

**Lara Habib**, Senior Presenter, Al Arabiya, United Arab Emirates



Wednesday 18 January

13.00 - 14.00

Congress Centre - Sanada

170 srf/democracy

## Strengthening Democracy

The people's voice and political participation are key to the concept of democracy. As citizens around the world feel increasingly disconnected from political decision-making, how can they be engaged in the process to strengthen democracy?

This session was developed in partnership with Swiss Television.

Simultaneous interpretation in English, French and German

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Patrick Chappatte**, Editorial Cartoonist, Globe Cartoon, Switzerland; Young Global Leader  
**Christian Kern**, Federal Chancellor of Austria  
**Doris Leuthard**, President of the Swiss Confederation 2017 and Federal Councillor of the Environment, Transport, Energy and Communications of Switzerland  
**Jan-Werner Müller**, Professor of Politics, Princeton University, USA

Moderated by

**Susanne F. Wille**, Journalist and Anchor, Swiss Television SRF, Switzerland



13.45 - 17.50

Rinerhorn Mountain - Base Camp

171 base camp/stamina & resilience

## Cultivating Stamina and Resilience

From scaling mountains to setting the record for the longest solo flight, great success does not come without overcoming obstacles and adversity. Join mountaineer Wasfia Nazreen, pilot Bertrand Piccard and adventurer Cory Richards to learn how to persevere when the stakes are high. Enhance your performance potential on this alpine retreat at the Base Camp on nearby Rinerhorn Mountain.

The session timings above include the transport. The shuttle to the Base Camp leaves at 13.45 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a short journey, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 17.20 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 17.50.

With

**Wasfia Nazreen**, Explorer, Adventurer, Educator and Writer, National Geographic Society, Bangladesh  
**Bertrand Piccard**, Initiator; Chairman and Pilot, Solar Impulse, Switzerland  
**Cory Richards**, Contributing Photographer, National Geographic Magazine, USA

Facilitated by

**Melanie Walker**, Senior Adviser to the President, World Bank, Washington DC; Young Global Leader



14.00 - 14.30

Congress Centre - Aerocene Space

172 behind the idea/aerocene 1

## Behind the Artist's Idea: Aerocene

Join Tomás Saraceno to learn about his vision of creating a fossil fuel-free future with **Aerocene**, a project encompassing a series of sculptures as well as a mode of living that removes our dependency on hydrocarbons, batteries and hydrogen.

Located in the Gallery on the Middle Level (0) of the Congress Centre

With

**Tomás Saraceno**, Artist, Studio Tomás Saraceno, Germany



## Wednesday 18 January

14.00 - 14.30

The Loft - Hub B

174 loft/bodmer 2

### High Points of Civilization: A Digital Journey

Discover through 3D digitization some of the original manuscripts and other treasures of humanity that reveal major markers of civilization and hidden cultural linkages.

Developed in partnership with the Fondation Martin Bodmer

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Jacques Berchtold**, Director, Fondation Martin Bodmer, Switzerland



14.00 - 14.30

The Loft - Hub A

175 loft/wildlife

### Wildlife without Borders

From DNA tagging to GPS tracking, explore the future of wildlife protection with social entrepreneur Andrew Muir.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Andrew Muir**, Chief Executive Officer, Wilderness Foundation, South Africa; Social Entrepreneur



14.00 - 14.30

Congress Centre - Science Hub

177 science hub/robotic exoskeletons

### Ask About: Robotic Exoskeletons

Learn about how robotic exoskeletons are revolutionizing prosthetics and redefining human movement.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Steve Collins**, Associate Professor of Mechanical Engineering, Carnegie Mellon University, USA

Wednesday 18 January

14.00 - 14.30

Congress Centre - Aspen 1

173 insight/oliver

## An Insight, An Idea with Jamie Oliver

A conversation with chef Jamie Oliver on driving a healthy and sustainable food revolution

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Jamie Oliver**, Chef, Jamie Oliver, United Kingdom

Interviewed by

**Arianna Huffington**, Founder, Thrive Global, USA



14.00 - 14.45

Congress Centre - Congress Hall

176 positive narratives

## A Positive Narrative for the Global Community

Among millennials, 70% look optimistically to the future and more than half believe they can actively contribute to decision-making in their countries, according to the Global Shapers Annual Survey. How can leaders draw on this spirit to envision positive narratives for the future?

Simultaneous interpretation in all languages

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Sharmeen Obaid-Chinoy**, Documentary Filmmaker, SOC Films, Pakistan; Co-Chair of the World Economic Forum Annual Meeting 2017; Young Global Leader

**Sheryl Sandberg**, Chief Operating Officer and Member of the Board, Facebook, USA; Young Global Leader Alumnus

**Meg Whitman**, President and Chief Executive Officer, Hewlett Packard Enterprise, USA; Co-Chair of the World Economic Forum Annual Meeting 2017

Chaired by

**Zeinab Badawi**, Presenter, BBC World News, United Kingdom



14.30 - 15.00

Congress Centre - Health Hub

432 health hub/heart disease

## Ask About: Heart Disease

Heart disease is the number one cause of death worldwide, and it is mostly preventable. Come to the Health Hub for a conversation on the latest research and practices with cardiologist Elizabeth Nabel, President of Brigham Health.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Elizabeth Nabel**, President, Brigham Health, USA



Wednesday 18 January

14.30 - 16.00

Congress Centre - xChange

179 economic systems

## Economics for the Global Commons

Decades of economic expansion have resulted in our ocean, air and land systems approaching irreversible tipping points that create extreme unpredictability. How can economists, investors and earth scientists align the needs of today's economy with tomorrow's environment?

Session objectives:

- Explore misalignment between our economic system and the environment
- Identify changes needed in the economic and investment system
- Prioritize high impact actions for systemic redesign

This session is related to a System Initiative (Shaping the Future of Environment and Natural Resource Security).

Introduced by

**Dominic Kailash Nath Waughray**, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum

**Dambisa Moyo**, Author; Young Global Leader  
**Johan Rockström**, Executive Director, Stockholm Resilience Centre, Sweden

**Kenneth Rogoff**, Thomas D. Cabot Professor of Public Policy and Professor of Economics, Harvard University, USA

**Dipender Saluja**, Managing Director, Capricorn Investment Group, USA

**Joseph E. Stiglitz**, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

**Lawrence H. Summers**, Charles W. Eliot University Professor, Harvard University, USA

With

**Naoko Ishii**, Chief Executive Officer and Chairperson, Global Environment Facility, USA

**Jennifer Morgan**, Executive Director, Greenpeace International, Netherlands

**Ellen Stofan**, Chief Scientist of NASA (2013-2016), Honorary Professor, Hazard Research Centre, University College London (UCL), United Kingdom

Facilitated by

**Andrew Steer**, President and Chief Executive Officer, World Resources Institute, USA



14.30 - 16.00

Congress Centre - Atelier

180 food-secure future

## Envisioning a Food-Secure Future

The global population is projected to reach 8.5 billion by 2030, requiring a 60% increase in global food availability. How can we feed a growing population sustainably and nutritiously?

Session objectives:

- Explore the uncertainties of shifting food systems
- Identify alternative future realities
- Understand how business and society can respond today

This session is related to a System Initiative (Shaping the Future of Food Security and Agriculture).

Discussion Leaders

**Tim Benton**, Dean for Strategic Research, University of Leeds, United Kingdom

**Svein Tore Holsether**, President and Chief Executive Officer, Yara International, Norway

**Marco Lambertini**, Director-General, WWF International, Switzerland

**Ricardo Meléndez-Ortiz**, Chief Executive, International Centre for Trade and Sustainable Development (ICTSD), Switzerland

Facilitated by

**Elena Bennett**, Associate Professor, Department of Natural Resource Sciences, McGill University, Canada; Young Scientist



14.30 - 15.15

Congress Centre - Aspen 2

178 basic income

## A Basic Income for All: Dream or Delusion?

Fundamental shifts in the world of work are eroding traditional social safety nets. Could a universal basic income be the solution?

This session will be livestreamed on TopLink and the Forum website.

**Neelie Kroes**, Non-Executive Member of the Board, Open Data Institute, United Kingdom  
**Michael Sandel**, Anne T. and Robert M. Bass Professor of Government, Harvard University, USA

**Guy Standing**, Research Professor in Development Studies, University of London, United Kingdom

Moderated by

**Tamzin Booth**, Business Editor, The Economist, United Kingdom



Wednesday 18 January

14.45 - 15.45

Congress Centre - Arena

186 transatlantic alliance

## Is the Transatlantic Alliance at a Tipping Point?

The bonds of trust and common values across the Atlantic are under question. Can the Transatlantic Alliance survive?

Dimensions to be addressed:

- Divergence of threat perception
- Geo-economic visions
- Values vs realpolitik

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Jeanine Hennis-Plasschaert**, Minister of Defence of the Netherlands

**Frederick Kempe**, President and Chief Executive Officer, The Atlantic Council, USA

**James G. Stavridis**, Dean, The Fletcher School of Law and Diplomacy, Tufts University, USA

**Ursula von der Leyen**, Federal Minister of Defence of Germany

Moderated by

**Ngairé Woods**, Dean, Blavatnik School of Government, University of Oxford, United Kingdom



14.45 - 15.30

Congress Centre - BetaZone

182 betazone/artificial brain 1

## Towards an Artificial Brain

Join neuroscientist David Cox to discover how researchers are bringing artificial intelligence closer to reality by studying what happens inside a rat's brain when it plays video games.

**David Cox**, Assistant Professor, Molecular and Cellular Biology and Computer Science, Harvard University, USA

Moderated by

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA

14.45 - 15.15

Congress Centre - Global Situation Space

184 gss/climate crisis 2

## Climate Crisis: The Big Picture

From rampant emissions to rising sea levels, embark on a visual exploration that reveals the causes and consequences of our climate crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the [Lower Level \(-1\) of the Congress Centre](#)

Please arrive early, as seating is limited in the [Global Situation Space](#).

With

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

**Naomi Oreskes**, Professor of the History of Science, Harvard University, USA

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



## Wednesday 18 January

14.45 - 15.15

Congress Centre - Humanitarian Hub

192 humanitarian hub/information flows

### Providing Information on the Move

How can new technologies provide critical information to refugees both on their journey and upon arrival?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is a part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

#### With

**Neal Keny-Guyer**, Chief Executive Officer, Mercy Corps, USA

**Kaan Terzioglu**, Chief Executive Officer, Turkcell Iletisim Hizmetleri, Turkey

14.45 - 16.00

Congress Centre - IdeasLab

185 cornell/microbiome

### The Science of the Microbiome with Cornell University

Discover new ideas and insights with leading researchers in the IdeasLab.

- Mapping soil microbial diversity to better respond to environmental change
- Exploiting animal-microbe symbioses to produce pest-resistant crops
- Harnessing the power of bacteria living in the human body to yield health benefits

#### Discussion Leaders

**Ilana Brito**, Assistant Professor, Mong Family Sesquicentennial Faculty Fellow in Biomedical Engineering, Cornell University, USA

**Daniel Buckley**, Professor, Cornell University, USA

**Angela Douglas**, Daljit S. and Elaine Sarkaria Professor of Insect Physiology and Toxicology, Cornell University, USA

#### Facilitated by

**Susan Goldberg**, Editorial Director, National Geographic Partners, USA

14.45 - 15.30

The Loft - Agora

181 agora/water

### Liquid Gold: The Economics of Water

From big data to blockchain, how are digital technologies poised to reshape the water economy?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

#### With

**Douglas M. Baker Jr**, Chairman and Chief Executive Officer, Ecolab, USA

**Paul Simpson**, Chief Executive Officer, CDP, United Kingdom

**Jamie Smith**, Chief Communications and Marketing Officer, BitFury Group, USA

#### Moderated by

**Usha Rao-Monari**, Chief Executive Officer, Global Water Development Partners, United Kingdom



**Wednesday 18 January**

**14.45 - 15.45**

Congress Centre - Salon

**183 cultural heritage**

## Safe Havens for Heritage in Wartime: Cultural Leadership in a Dangerous World

Efforts to provide "safe havens" for heritage under destruction in Syria bring up the thorny issue of cultural appropriation of heritage in the past as with the Parthenon Marbles or the Pergamon Altar. How can nations navigate the fine line between protection and exploitation of the cultural heritage of vulnerable states?

This session was developed in partnership with the Smithsonian Institution.

**Irina Georgieva Bokova**, Director-General, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris

**Sabine Choucair**, Clown and Storyteller, Clown Me In, Lebanon

**Richard Kurin**, Acting Provost; Undersecretary for Museums and Research, Smithsonian Institution, USA

**Kunio Mikuriya**, Secretary-General, World Customs Organization (WCO), Brussels

**Moderated by**

**Hadley Gamble**, Reporter and Anchor, CNBC, United Kingdom

**15.00 - 16.00**

Congress Centre - Aspen 1

**191 value-based care**

## Feel Better or Your Money Back

This past year saw the launch of a one-shot gene therapy with a money-back guarantee should the treatment not work. Is the time ripe for a new era of healthcare pricing based on patient outcome?

**This session will be livestreamed on TopLink and the Forum website.**

**Lloyd Dean**, President and Chief Executive Officer, Dignity Health, USA

**Omar Ishrak**, Chairman and Chief Executive Officer, Medtronic, USA

**Joseph Jimenez**, Chief Executive Officer, Novartis, Switzerland

**Risa Lavizzo-Mourey**, Chief Executive Officer and President, Robert Wood Johnson Foundation (RWJF), USA

**Steve Rusckowski**, President and Chief Executive Officer, Quest Diagnostics, USA

**Moderated by**

**Allison Aubrey**, Correspondent, National Public Radio, USA



**15.00 - 15.30**

Congress Centre - Science Hub

**190 science hub/3d bio-printing**

## Ask About: 3D Bio-Printing

Explore how researchers are mimicking the growth of human organs through 3D bio-printing.

**Located on the Lower Level (-1) of the Congress Centre**

**Please arrive early, as seating is limited in the Science Hub.**

**With**

**Adam Feinberg**, Professor, Carnegie Mellon University, USA

## Wednesday 18 January

15.00 - 16.15

Congress Centre - Jakobshorn

189 powering mobility

### Powering Mobility

Radical advances in mobility are paving the way for new energy systems, and vice versa. How are frontier technologies, new partnerships and best practices transforming the future of energy and mobility?

Dimensions to be addressed:

- E-mobility and battery breakthroughs
- Digitization and decentralization of energy infrastructure
- Hydrogen and biofuels

This session is related to a System Initiative (Shaping the Future of Energy and Shaping the Future of Mobility).

**Håkan Agnevall**, President, Volvo Buses; Member of the Executive Management Board, Volvo Group, Sweden

**Catharina Elmsäter-Svärd**, Chairwoman, Drive Sweden, Sweden

**Benoit Potier**, Chairman and Chief Executive Officer, Air Liquide, France

**Peter Terium**, Chief Executive Officer, innogy, Germany

**Won Hee-Ryong**, Governor of Jeju, Republic of Korea; Young Global Leader Alumnus

Moderated by

**Shirley Ann Jackson**, President, Rensselaer Polytechnic Institute (RPI), USA



15.00 - 16.00

Congress Centre - Sanada

187 cctv/china growth

### China's Role for Global Prosperity

As globalization faces a backlash, China is engaging with the rest of the world through its internationalized currency, outbound investment strategies and One Belt, One Road Initiative. Can it revitalize the global economy?

This session was developed in partnership with CCTV.

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Inga Beale**, Chief Executive Officer, Lloyd's, United Kingdom

**Fang Xinghai**, Vice-Chairman, China Securities Regulatory Commission, People's Republic of China; Young Global Leader Alumnus

**Li Ruigang**, Founding Chairman, China Media Capital (CMC), People's Republic of China; Young Global Leader

**Xiao Yaqing**, Chairman, State-owned Assets Supervision and Administration Commission (SASAC), People's Republic of China

Moderated by

**Li Sixuan**, Anchor, China Central Television (CCTV), People's Republic of China



15.30 - 16.00

Congress Centre - Health Hub

331 health hub/vaccines

### Ask About: Vaccines

From influenza to Ebola, vaccines have the power to bring global health threats under control. Come to the Health Hub for a conversation on the latest research on vaccines with epidemiologist and vaccine expert Seth Berkley.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Seth F. Berkley**, Chief Executive Officer, GAVI Alliance, Geneva

Wednesday 18 January

15.45 - 16.15

The Loft - Hub B

193 forecasting/brexit

## Forecasting Workshop: Europe after Brexit

Very smart people often make very big forecasting mistakes. Neither IQ nor subject-matter knowledge is enough, and echo chambers further cloud our thinking. How can we improve the way we predict the future?

Test your powers of prediction, identify blind spots and explore how the latest tools and data science will shift the way we think about the future.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Barbara Mellers**, Professor of Psychology and Marketing, Wharton School, University of Pennsylvania, USA

**Philip Tetlock**, Leonore Annenberg University Professor in Democracy and Citizenship, Wharton School, University of Pennsylvania, USA

Facilitated by

**Adam Grant**, Professor, Management and Psychology, Wharton School, University of Pennsylvania, USA; Young Global Leader



15.45 - 16.15

The Loft - Hub A

194 loft/benevolent machine 2

## Benevolent Machine Exhibition: Exploring our Nature

Discuss the hidden risks and opportunities of our increasingly digitized lives in the quest to understand our environment and ourselves with game designer Tracy Fullerton (Walden, a game) and Emotiv chief executive officer Tan Le (Discover your brain).

The **Benevolent Machine** exhibition in the Loft invites us to reflect on potential unintended consequences of emerging technology.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Tracy Fullerton**, Game Designer and Professor, University of Southern California School of Cinematic Arts, USA

**Tan Le**, Founder and Chief Executive Officer, EMOTIV, USA; Young Global Leader

Facilitated by

**Andrea Bandelli**, Executive Director, Science Gallery International, Ireland



15.45 - 16.30

Congress Centre - Aspen 2

195 politico/europe

## The European Disunion

The European project is under pressure from economic, populist and international challenges. How can the European Union keep its authority as a global player?

Dimensions to be addressed:

- Euro-sceptic populism beyond Brexit
- Fragile diplomacy on migration and trade
- Prospects for the EU Global Strategy

This session was developed in partnership with Politico.

This session will be livestreamed on [TopLink](#) and the [Forum website](#). Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Philip J. Jennings**, General Secretary, UNI Global Union, Switzerland

**Emma Marcegaglia**, Chairman, Eni, Italy  
**Pierre Moscovici**, Commissioner, Economic and Financial Affairs, Taxation and Customs, European Commission, Brussels

**Joseph E. Stiglitz**, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by

**John Harris**, Editor-in-Chief, Politico, USA



## Wednesday 18 January

16.00 - 16.30

Congress Centre - Science Hub

196 science hub/photosynthesis

### Ask About: Artificial Photosynthesis

Explore how to leverage artificial photosynthesis to repurpose carbon dioxide into fuel.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With **Emily Carter**, Dean, School of Engineering and Applied Science; Gerhard R. Andlinger Professor in Energy and the Environment, Princeton University, USA

16.00 - 16.30

Media Village - Issue Briefing Room

93 issue briefing/long term

### Long-Term Thinking

Despite electors and shareholders asking for immediate solutions, capitalism is often criticized for its short-termism. What good practices can help governments and business better plan for the long haul while foreseeing pitfalls?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

Moderated by **Michael Drexler**, Head of Financial and Infrastructure Systems, Member of the Executive Committee, World Economic Forum; Young Global Leader



16.00 - 16.30

Congress Centre - Congress Hall

197 award/santos

### Global Statesman Award: Lessons from Peace in Colombia

Join this special conversation with the 2016 Nobel Peace Prize Laureate, President Juan Manuel Santos of Colombia, to discuss leadership and peace in a turbulent world, and to recognize his unremitting efforts in the Colombian peace process with the Forum's Global Statesman Award.

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

Introduced by **Klaus Schwab**, Founder and Executive Chairman, World Economic Forum

**Juan Manuel Santos**, President of the Republic of Colombia

Chaired by **Børge Brende**, Minister of Foreign Affairs of Norway



## Wednesday 18 January

16.30 - 17.15

Congress Centre - BetaZone

200 betazone/secrets below the surface 1

### Secrets below the Surface: Incredible Archaeological Discoveries

Space archaeologist Sarah Parcak takes us on a journey to discover never-before-surfaced ancient cities via satellite technology and uncover clues to humankind's rise and fall throughout history.

**Sarah Parcak**, Director, GlobalXplorer, USA

Moderated by

**Matthew Murray**, Deputy Editor-in-Chief, Wall Street Journal, USA

16.30 - 17.00

Congress Centre - Middle Fork Tree

199 behind the idea/middle fork 2

### Behind the Artist's Idea: Middle Fork

Join John Grade to learn about his vision of caring for our natural treasures through his installation **Middle Fork**, an intricately carved structure made from a 40-metre tree cast.

Located in the main corridor on the Middle Level (0) of the Congress Centre

With

**John Grade**, Artist, John Grade Studio, USA



16.30 - 17.00

Congress Centre - Global Situation Space

202 gss/urban fragility 2

### Urban Fragility: The Big Picture

From rising inequality to urban violence, embark on a visual exploration that reveals the causes and consequences of fragility in cities now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Robert Muggah**, Research Director, Igarapé Institute, Brazil

**Pan Jiahua**, Director, Institute for Urban and Environmental Studies, Chinese Academy of Social Sciences (CASS), People's Republic of China

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA





## Wednesday 18 January

16.30 - 17.00

Congress Centre - Mixed Reality Space

207 mixed reality 6

### Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

16.30 - 17.45

Hilton Garden Inn - -

208 refugee experience 6

### A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



16.30 - 17.00

Congress Centre - Health Hub

203 health hub/humanitarian health

### Ask About: Health in Humanitarian Settings

Humanitarian crises due to armed conflict, natural disasters and disease outbreaks are a major contributor to ill-health and vulnerability worldwide. Come to the Health Hub for a conversation on the latest research on health in humanitarian settings with physician and epidemiologist Kamalini Lokuge.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Kamalini Lokuge**, Lead, Humanitarian Research Program, College of Medicine, Biology and the Environment, Australian National University, Australia

Wednesday 18 January

16.30 - 17.00

Congress Centre - Humanitarian Hub

205 humanitarian hub/data protection

## Protecting Identity and Data during Crisis Response

How can privacy be reconciled with data-driven aid?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Ertharin Cousin**, Executive Director, United Nations World Food Programme (WFP), Rome

16.30 - 17.45

Congress Centre - IdeasLab

206 erc/social cohesion

## The Science of Social Cohesion with the European Research Council

Discover new ideas and insights with leading researchers in the IdeasLab.

- Deducing the cognitive basis of attempting to influence others
- Fostering digitally inclusive societies
- Quelling radicalization through new understanding of ritual, fusion and identity

Introduced by

**Jean-Pierre Bourguignon**, President, European Research Council, Belgium

Discussion Leaders

**Bahador Bahrami**, Senior Research Associate, Institute of Cognitive Neuroscience, University College London (UCL), United Kingdom  
**Evelyn Ruppert**, Professor, Goldsmiths, University of London, United Kingdom  
**Harvey Whitehouse**, Chair, Social Anthropology; Director, Institute of Cognitive and Evolutionary Anthropology, University of Oxford, United Kingdom

Facilitated by

**Allison Aubrey**, Correspondent, National Public Radio, USA

16.30 - 18.00

Congress Centre - Atelier

204 human-centric health

## Human-Centric Health

Putting a stop to non-communicable disease requires health systems to be organized around human lives rather than treating disease. How can health system leaders catalyse the transformation to human-centric health?

This session is related to a System Initiative (Shaping the Future of Health and Healthcare).

Introduced by

**Arnaud Bernaert**, Head of Global Health and Healthcare Industries, Member of the Executive Committee, World Economic Forum

Discussion Leaders

**Dick Boer**, President and Chief Executive Officer, Ahold Delhaize, Netherlands  
**Patrick J. Geraghty**, Chief Executive Officer, GuideWell Mutual Holding Corporation, USA  
**Dean Ornish**, Founder, President and Director, Preventive Medicine Research Institute, USA  
**Sathasivam Subramaniam**, Minister of Health of Malaysia  
**Tali Sharot**, Associate Professor of Cognitive Neuroscience, University College London (UCL), United Kingdom  
**Rajeev Suri**, President and Chief Executive Officer, Nokia Corporation, Finland

Facilitated by

**Eugene Washington**, Chancellor for Health Affairs, Duke University; President and Chief Executive Officer, Duke University Health System, USA



Wednesday 18 January

16.30 - 17.15  
The Loft - Agora

198 agora/21st-century planet

## The 21st-Century Planet

From 4D printing to quantum computing, what big bets should sustainability champions be making on digital technologies?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

**James Crawford**, Founder and Chief Executive Officer, Orbital Insight, USA

**Andrew Fursman**, Chief Executive Officer, 1QB Information Technologies (1QBit), Canada

**Kristina Shea**, Professor, Engineering Design and Computing, ETH Zurich, Switzerland

Moderated by

**Jim Leape**, Consulting Professor, Woods Institute for the Environment, Stanford University, USA



16.30 - 17.30  
Congress Centre - Pischia

201 faith leadership

## Leading with Faith

How can faith communities and leaders promote cohesion and understanding in an era of growing polarization?

Simultaneous interpretation in English and Arabic

**Abdallah bin Bayyah**, President, Forum for Promoting Peace in Muslim Societies, United Arab Emirates

**Ephraim Mirvis**, Chief Rabbi of the United Hebrew Congregations of the Commonwealth

**Elif Shafak**, Author, Turkey

Moderated by

**Damien O'Brien**, Chairman, Egon Zehnder, Switzerland



16.30 - 17.30  
Congress Centre - Sanada

210 univision/gender equality

## Disrupting the Status Quo of Gender Roles

While gender roles are shifting, women still face many barriers to fulfilling their potential. How can we challenge stereotypes and institutional inertia to achieve gender parity within our lifetimes?

This session was developed in partnership with Univision/Fusion.

Simultaneous interpretation in English and Spanish

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Cynthia Castro**, Vice-President, RBA - Reinventing Business for All, Costa Rica; Global Shaper

**Christine Lagarde**, Managing Director, International Monetary Fund (IMF), Washington DC

**Robert E. Moritz**, Global Chairman, PricewaterhouseCoopers International, PwC, USA

**Sharmeen Obaid-Chinoy**, Documentary Filmmaker, SOC Films, Pakistan; Co-Chair of the World Economic Forum Annual Meeting 2017; Young Global Leader

Moderated by

**Enrique Acevedo**, Anchor, Univision, USA



Wednesday 18 January

16.30 - 17.45

Congress Centre - xChange

209 success through ethics

## Success through Ethics

How can new metrics and tools emerging from the science of ethics transform organizational design and outcomes?

Session objectives:

- Move ethics beyond leadership anecdotes
- Create longitudinal measures of ethical culture
- Embed a mindset beyond compliance

### Discussion Leaders

**Robert Carrigan**, Chairman and Chief Executive Officer, Dun and Bradstreet Corporation (D&B), USA

**Mazen S. Darwazeh**, Vice-Chairman; Chief Executive, MENA and Emerging Markets, Hikma Pharmaceuticals, Jordan

**Paolo Gallo**, Chief Human Resources Officer, Member of the Executive Committee, World Economic Forum

**Jonathan Haidt**, Professor of Ethical Leadership, Stern School of Business, New York University, USA

**Tinna Nielsen**, Founder and Social Entrepreneur, Move the Elephant for Inclusiveness, Denmark; Young Global Leader

### Facilitated by

**Valerie Casey**, Founder and Executive Director, The Designers Accord, USA; Young Global Leader

16.45 - 18.00

Congress Centre - Jakobshorn

212 new world of work

## Catching Up with the New World of Work

By 2020, more than one-third of the core skill sets required will be radically different from today, impacting the life of the 3 billion people in the global workforce. What business and policy innovations hold the greatest potential to successfully manage the new world of work?

Dimensions to be addressed:

- Recognition of all work models
- Focus on adult training and skilling
- Innovations for future-proof social safety nets

This session is related to a System Initiative (Shaping the Future of Education, Gender and Work).

### Introduced by

**Saadia Zahidi**, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum

**John Evans**, General Secretary, Trade Union Advisory Committee to the OECD, Paris

**Stephane Kasriel**, Chief Executive Officer, Upwork, USA

**Sheila Penrose**, Chairman of the Board, JLL, USA

**Jonas Prising**, Chairman and Chief Executive Officer, ManpowerGroup, USA

### Moderated by

**Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Co-Chair, Global Future Council on The Future of Computing



16.45 - 17.45

Congress Centre - Aspen 1

211 clean energy

## Energy's Clean Transition

Energy production and consumption account for two-thirds of the world's greenhouse gas emissions. How will the energy sector drive the transition towards a carbon-neutral global economy?

Dimensions to be addressed:

- Clean energy sources and technologies
- Decarbonized fossil fuels
- Viable carbon offsetting strategies

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website.

**Oleg V. Deripaska**, President, RUSAL, Russian Federation

**Christiana Figueres**, Convenor, Mission 2020, Switzerland

**Nur Bekri**, Minister of the National Energy Administration of the People's Republic of China

**Patrick Pouyanné**, Chairman of the Board and Chief Executive Officer, Total, France

**Ignacio Sánchez Galán**, Chairman and Chief Executive Officer, Iberdrola, Spain

### Moderated by

**Steve Sedgwick**, Anchor, CNBC, United Kingdom



## Wednesday 18 January

17.00 - 18.00

Congress Centre - Arena

### 213 investing in peace

## Investing in Peace

Local and foreign businesses can have an unintended impact on fragile and post-conflict environments. What business practices can be adopted to "do no harm" and best contribute to conflict resolution and reconciliation?

Dimensions to be addressed:

- Investing in fragile and post-conflict environments
- Developing responsible value chains
- Bridging infrastructure and employment gaps

[This session will be livestreamed on TopLink and the Forum website.](#)

**Peter Brabeck-Letmathe**, Chairman, Nestlé, Switzerland; Vice-Chair of the Board of Trustees, World Economic Forum

**Philippe Le Houérou**, Executive Vice-President and Chief Executive Officer, International Finance Corporation, Washington DC

**Rania A. Al Mashat**, Adviser, International Monetary Fund (IMF), Washington DC; Young Global Leader

**Sipho M Pityana**, Chairman, AngloGold Ashanti, South Africa

**Juan Manuel Santos**, President of the Republic of Colombia

**Moderated by**

**Neal Keny-Guyer**, Chief Executive Officer, Mercy Corps, USA



17.00 - 17.30

Congress Centre - Science Hub

### 215 science hub/anthropocene

## Ask About: The Good Anthropocene

Explore how researchers are identifying the most successful socio-ecological initiatives that could grow and connect to produce a better anthropocene.

[Located on the Lower Level \(-1\) of the Congress Centre](#)

[Please arrive early, as seating is limited in the Science Hub.](#)

**With**

**Elena Bennett**, Associate Professor, Department of Natural Resource Sciences, McGill University, Canada; Young Scientist

17.00 - 18.15

Congress Centre - Aspen 2

### 216 shaping davos/cities

## Shaping Davos: Cities as Hubs of Innovation

The sheer density and diversity of cities fosters collaborative creativity that has produced some of humanity's best ideas throughout history. How can we further enable cities as platforms for innovation?

Connecting live to the following cities:

- Belfast on boosting the knowledge economy
- Seattle on building an inclusive innovation ecosystem
- Quito on learning and productive cities
- Vancouver on making urban sustainability profitable

This session was developed with the Global Shapers Community, focusing on global issues and local solutions. It is part of a series of live events connecting to 16 cities worldwide.

[This session will be livestreamed on TopLink and the Forum website.](#)

**Fahd Al-Rasheed**, Group Chief Executive Officer and Managing Director, King Abdullah Economic City, Saudi Arabia; Young Global Leader

**Christian Ulbrich**, Global Chief Executive Officer; President, JLL, USA

**Moderated by**

**Jamil Anderlini**, Asia Editor, Financial Times, Hong Kong SAR; Young Global Leader



## Wednesday 18 January

17.00 - 17.30

Media Village - Issue Briefing Room

### 214 issue briefing/executive pay

## Ending Executive Pay

Excessive executive pay deals are criticized by shareholders and employees alike. How can market mechanisms be tamed to limit excess yet keep talent mobile?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Aron Cramer**, President and Chief Executive Officer, Business for Social Responsibility (BSR), USA

**Rajeev Vasudeva**, Chief Executive Officer, Egon Zehnder, United Kingdom

#### Moderated by

**Michael Hanley**, Head of Digital Communications, Member of the Executive Committee, World Economic Forum



17.30 - 18.00

The Loft - Hub B

### 217 loft/digital development

## Development Goes Digital

From solar-powered computers to remote monitoring, explore grass-roots innovations for improved access to health and education in rural areas with technologist Erica Kochi and sustainability expert Pan Jiahua.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

#### With

**Erica Kochi**, Co-Founder, UNICEF Innovation, United Nations Children's Fund (UNICEF), New York

**Pan Jiahua**, Director, Institute for Urban and Environmental Studies, Chinese Academy of Social Sciences (CASS), People's Republic of China



18.00 - 19.00

Congress Centre - Congress Hall

### 218 climate leadership

## A New Chapter for Climate Action

What are the priorities for the international community to accelerate progress on the Paris Agreement?

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Al Gore**, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA

**Stuart T. Gulliver**, Group Chief Executive, HSBC Holdings, United Kingdom

**Sheikh Hasina**, Prime Minister of Bangladesh

**Erna Solberg**, Prime Minister of Norway

**Yu Xubo**, President, COFCO Corporation, People's Republic of China

#### Chaired by

**Thomas L. Friedman**, Columnist, Foreign Affairs, New York Times, USA



## Wednesday 18 January

18.00 - 19.00

Congress Centre - Sanada

219 time/us divide

### The Great American Divide

A new president will be inaugurated this week. In the aftermath of a divisive election season, how can the United States be reunited?

This session was developed in partnership with TIME.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Lonnie Bunch**, Director, National Museum of African American History and Culture, Smithsonian Institution, USA

**Gemma Mortensen**, Chief Global Officer, Change.org, USA; Young Global Leader

**Laura D'Andrea Tyson**, Professor, Haas School of Business, University of California, Berkeley, USA

**Hamza Yusuf Hanson**, President, Zaytuna College, USA

Moderated by

**Michael Duffy**, Deputy Managing Editor, Time Magazine, USA



18.15 - 18.45

Congress Centre - Aspen 1

220 insight/ma

### An Insight, An Idea with Jack Ma

A conversation with Alibaba founder Jack Ma on the future of online trade and globalization

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website.

**Jack Ma**, Executive Chairman, Alibaba Group, People's Republic of China; Young Global Leader Alumnus

Interviewed by

**Andrew R. Sorkin**, Editor-at-Large; Columnist, New York Times, USA; Young Global Leader Alumnus



18.30 - 20.00

Open Forum - Swiss Alpine High School - Auditorium

221 open forum/europe

### New Models for Europe

The UK's decision to leave the EU, prolonged economic crisis and rising anti-immigrant sentiment are challenging the traditional model of European integration. What alternative models to regional integration could mark the beginning of a new Europe?

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

**Peter Brabeck-Letmathe**, Chairman, Nestlé, Switzerland; Vice-Chair of the Board of Trustees, World Economic Forum

**Aurelia Frick**, Minister of Foreign Affairs of Liechtenstein

**Leonardo Quattrucci**, Policy Adviser, European Political Strategy Centre, Belgium; Global Shaper

**Jacques de Watteville**, State Secretary for International Financial and Tax Matters of Switzerland

**Ngairé Woods**, Dean, Blavatnik School of Government, University of Oxford, United Kingdom



## Wednesday 18 January

19.00 - 20.00

Congress Centre - Plenary Hall Lobby

### 222 dalian reception

## Annual Meeting of the New Champions 2017 Reception

Dalian will be the host city of the 11th Annual Meeting of the New Champions on 27-29 June. The Dalian Municipal Government warmly invites participants to taste culinary delicacies and enjoy Chinese music and performances expressing the city's vibrant culture.

19.15 - 22.50

Rinerhorn Mountain - Base Camp

### 223 tales of adventure

## Tales of Adventure

"A ship in harbour is safe, but that is not what ships are built for."  
– John A. Shedd

Join adventurers from around the world for fireside stories of the people and places that forged them.

This dinner is hosted in collaboration with National Geographic.

The session timings above include the transport. The shuttle to the Base Camp leaves at 19.15 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 22.20 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 22.50.

#### Discussion Leaders

**Sabine Choucair**, Clown and Storyteller, Clown Me In, Lebanon

**Wasfia Nazreen**, Explorer, Adventurer, Educator and Writer, National Geographic Society, Bangladesh

**Sarah Parcak**, Director, GlobalXplorer, USA

**Cory Richards**, Contributing Photographer, National Geographic Magazine, USA

#### Moderated by

**Susan Goldberg**, Editorial Director, National Geographic Partners, USA



20.00 - 22.00

Hotel Sunstar Alpine - Jacobshorn

### 224 africa's prosperity

## Africa's Road to Prosperity

"We cannot tire or give up. We owe it to the present and future generations of all species to rise up and walk."

– Wangari Maathai, first African woman to win the Nobel Peace Prize

Join African and global leaders in a dialogue on creating pathways for inclusive growth and resilience.

#### Discussion Leaders

**Siyabonga Gama**, Group Chief Executive Officer, Transnet, South Africa

**Zamantungwa Khumalo**, Executive Producer, Power FM, South Africa; Global Shaper

**Ngozi Okonjo-Iweala**, Chair, GAVI Alliance, USA

**Jim Ovia**, Chairman, Zenith Bank, Nigeria

#### Special Remarks by

**Daniel Kablan Duncan**, Prime Minister of Côte d'Ivoire

**Ameenah Gurib-Fakim**, President of the Republic of Mauritius

**Paul Kagame**, President of the Republic of Rwanda

**Jacob G. Zuma**, President of the Republic of South Africa

#### Moderated by

**Edwin Macharia**, Partner, Dalberg Global Development Advisors, Kenya; Young Global Leader





## Wednesday 18 January

20.00 - 22.00

Hotel Derby - Fluela 1 + 2

### 225 future of cancer

## The Next Chapter for Cancer

The story of cancer has coloured human history with discoveries, setbacks, victories and deaths for over 5,000 years. Join leading researchers and clinicians to hear what the next chapter is for cancer prevention, treatment and a cure.

This dinner is hosted in collaboration with the New England Journal of Medicine.

#### Discussion Leaders

**Cary Adams**, Chief Executive Officer, International Union Against Cancer (UICC), Switzerland

**Stéphane Bancel**, Chief Executive Officer, Moderna Therapeutics, USA; Young Global Leader

**Emily Banks**, Professor of Epidemiology and Public Health, Australian National University, Australia

**Delos M. (Toby) Cosgrove**, President and Chief Executive Officer, Cleveland Clinic, USA

**John Noseworthy**, President and Chief Executive Officer, Mayo Clinic, USA

#### Moderated by

**Jeffrey M. Drazen**, Editor-in-Chief, New England Journal of Medicine, USA



20.00 - 22.00

Hotel Meierhof - Restaurant

### 226 healing power of food

## Healthy People, Healthy Planet

“The doctor of the future will no longer treat the human frame with drugs, but rather will cure and prevent disease with nutrition.”

– Thomas Edison

From traditional cuisine to popular fad diets, where are our habits leading us?

The menu has been designed with ingredients that would otherwise go to waste for various reasons, but not because they are inedible.

#### Discussion Leaders

**Shenggen Fan**, Director-General, International Food Policy Research Institute (IFPRI), USA

**Samuel Kass**, Investor, Strategist, Chef and Nutritionist, Acre Venture Partners, Trove Worldwide, USA

**Marion Nestle**, Professor, New York University, USA

**Dean Ornish**, Founder, President and Director, Preventive Medicine Research Institute, USA

#### Moderated by

**Allison Aubrey**, Correspondent, National Public Radio, USA



20.00 - 22.00

Hotel Derby - Fluela 3

### 227 philanthropy

## The Head and the Heart of Philanthropy

“Real generosity towards the future lies in giving all to the present.”

– Albert Camus

Join celebrated philanthropists to learn about their values and motivations for giving and how responsible leaders can do more for humanity.

#### Discussion Leaders

**Anil Agarwal**, Executive Chairman, Vedanta Resources, United Kingdom

**Stanley M. Bergman**, Chairman of the Board and Chief Executive Officer, Henry Schein, USA

**Jonathan Haidt**, Professor of Ethical Leadership, Stern School of Business, New York University, USA

**Olivia Leland**, Founder and Executive Director, Collaborative for Scaling Social Impact, USA; Young Global Leader

#### Moderated by

**Gemma Mortensen**, Chief Global Officer, Change.org, USA; Young Global Leader



Wednesday 18 January

20.00 - 22.00

Turmhotel Victoria - La Terrasse

228 pundits

## Pundits, Professors and Predictions

"To expect the unexpected shows a thoroughly modern intellect."

– Oscar Wilde

Join the world's leading opinion-shapers from media and academia to predict and debate scenarios for 2017.

### Discussion Leaders

**David B. Agus**, Professor of Medicine and Engineering, Lawrence J. Ellison Institute for Transformative Medicine of USC, USA

**Lee Geun**, Professor of International Relations, Graduate School of International Studies; Vice-President and Dean, Office of International Affairs, Seoul National University, Republic of Korea

**Margaret MacMillan**, Warden, St Antony's College, University of Oxford, United Kingdom

**Jan-Werner Müller**, Professor of Politics, Princeton University, USA

**Moisés Naím**, Distinguished Fellow, Carnegie Endowment for International Peace, USA

**Naomi Oreskes**, Professor of the History of Science, Harvard University, USA

**Carmen M. Reinhart**, Minos A. Zombanakis Professor of the International Financial System, Harvard Kennedy School, USA

### Moderated by

**David Rothkopf**, Chief Executive Officer and Editor, Foreign Policy Group, USA



20.00 - 22.00

Kongress Hotel - Restaurant

229 solving inequality

## Solving Inequality

"An imbalance between rich and poor is the oldest and most fatal ailment of all republics."

– Plutarch

What bold new ideas will win the age-old battle against inequality?

### Discussion Leaders

**William Adams**, Founder and President, i.am.angel Foundation, USA

**Winnie Byanyima**, Executive Director, Oxfam International, United Kingdom

**Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Co-Chair, Global Future Council on The Future of Computing

**Angus Deaton**, Dwight D. Eisenhower Professor of International Affairs, Emeritus.

Professor of Economics and International Affairs, Emeritus, Senior Scholar, Princeton University, USA

**Rosalind L. Hudnell**, President, Intel Foundation, Intel Corporation, USA

**Yusra Mardini**, Swimmer, Olympic Athlete, Germany

### Moderated by

**Jake Horowitz**, Founder, Mic, USA



20.00 - 22.00

Turmhotel Victoria - Victoria

422 storytellers

## Today's Storytellers

"If history were taught in the form of stories, it would never be forgotten."

– Rudyard Kipling

Join storytellers to explore how to create new and powerful narratives that inspire and unite us.

### Discussion Leaders

**Dave Duarte**, Chief Executive Officer, Treeshake, South Africa; Young Global Leader

**Nicholas D. Kristof**, Columnist, New York Times, USA

**Haifaa Al Mansour**, Independent Filmmaker, Saudi Arabia

**David Risher**, President and Co-Founder, Worldreader.org, USA; Social Entrepreneur

**Elif Shafak**, Author, Turkey

### Moderated by

**Jason Mojica**, Executive Producer, VICE Documentary Films, USA



## Thursday 19 January

08.00 - 08.30

Congress Centre - Atelier

### 231 mindfulness meditation 2

## Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start the day with Buddhist monk Matthieu Ricard to learn and experience the benefits of meditation.

#### Led by

**Matthieu Ricard**, Founder, Karuna-Shechen, France

08.30 - 12.20

Rinerhorn Mountain - Base Camp

### 232 base camp/wisdom & wellness 2

## Nurturing Wisdom and Wellness

Leaders are under increasing pressure to achieve ambitious goals under tight timelines and with reduced resources. Join physician and best-selling author Dean Ornish to discover how to personalize your lifestyle to reduce stress, improve health and live longer. Enhance your performance potential on this alpine retreat at the Base Camp on nearby Rinerhorn Mountain.

The session timings above include the transport. The shuttle to the Base Camp leaves at 08.30 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a short journey, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 11.50 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 12.20.

#### With

**Anne Ornish**, Vice-President and Director, Digital, Ornish Lifestyle Medicine Programs, USA

**Dean Ornish**, Founder, President and Director, Preventive Medicine Research Institute, USA

#### Facilitated by

**Lynda Gratton**, Professor of Management Practice, London Business School, United Kingdom



09.00 - 10.00

Congress Centre - Arena

### 242 purpose

## Creating Profit through Purpose

More corporations are striving for commercial success by creating broader societal value yet they face organizational and market hurdles. How can corporations successfully combine profit and purpose?

Dimensions to be addressed:

- Identifying business opportunities to tackle socio-economic challenges
- Aligning organizational objectives to drive inclusive capitalism
- Developing partnerships to advance the SDG agenda

This session will be livestreamed on TopLink and the Forum website.

**Natarajan Chandrasekaran**, Chief Executive Officer and Managing Director, Tata Consultancy Services, India

**David Taylor**, Chairman of the Board, President and Chief Executive Officer, Procter & Gamble, USA

**Hamdi Ulukaya**, Founder and Chief Executive Officer, Chobani, USA

**Mark Weinberger**, Global Chairman and Chief Executive Officer, EY, USA

**Alix Zwane**, Chief Executive Officer, Global Innovation Fund, United Kingdom; Young Global Leader

#### Moderated by

**Randall Lane**, Editor, Forbes Magazine, USA



## Thursday 19 January

09.00 - 10.00

Congress Centre - BetaZone

234 [betazone/nature](#)

### Nature and the Human Spirit

Discover through the eyes of photographer Cory Richards and explorer Wasfia Nazreen how a connection to self, humanity and the planet is a prerequisite to well-being.

**Wasfia Nazreen**, Explorer, Adventurer, Educator and Writer, National Geographic Society, Bangladesh

**Cory Richards**, Contributing Photographer, National Geographic Magazine, USA

Moderated by

**Susan Goldberg**, Editorial Director, National Geographic Partners, USA

09.00 - 09.30

Congress Centre - Mixed Reality Space

240 [mixed reality 7](#)

### Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

09.00 - 10.15

Hilton Garden Inn - -

243 [refugee experience 7](#)

### A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



Thursday 19 January

09.00 - 09.30

Congress Centre - Science Hub

244 science hub/identity

## Ask About: The Science of Identity

Explore how science is revealing a new understanding of how identity shapes radicalization.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Harvey Whitehouse**, Chair, Social Anthropology; Director, Institute of Cognitive and Evolutionary Anthropology, University of Oxford, United Kingdom

09.00 - 10.15

Congress Centre - IdeasLab

238 imperial/data science

## Data-Driven Decision-Making with Imperial College London

Discover new ideas and insights with leading researchers in the IdeasLab.

- Tackling the data skills crunch with self-programming machines
- Estimating a supermodel of life expectancy using high-performance computing
- Unlocking the potential of human problem-solving in data-rich environments

Introduced by

**Alice Gast**, President, Imperial College London, United Kingdom

Discussion Leaders

**Gerard Gorman**, Reader in Computational Science, Imperial College London, United Kingdom

**Katharina Hauck**, Senior Lecturer in Health Economics, Imperial College London, United Kingdom

**Nick Jennings**, Vice-Provost, Research, Imperial College London, United Kingdom

Facilitated by

**W. Patrick McCray**, Professor of History, University of California, Santa Barbara, USA

09.00 - 10.15

Congress Centre - xChange

237 humanitarian alliances

## Building New Alliances for Humanitarian Action

Assisting over 65 million displaced people has placed humanitarian response under severe stress. What public-private partnerships are needed if this figure reaches 100 million?

Dimensions to be addressed:

- Enabling access to affordable connectivity
- Gathering and sharing data for agile responses
- Linking local knowledge and global responses

This session is related to a Global Future Council (The Future of the Humanitarian System).

Introduced by

**Cheryl Martin**, Head of Industries, Member of the Managing Board, World Economic Forum

Opening Remarks by

**Raed Saleh**, Head, Syria Civil Defence, Syria

**Kristalina Georgieva**, Chief Executive Officer, World Bank, Washington DC

**Mats Granryd**, Director-General, GSMA, United Kingdom

**Badr Jafar**, Chief Executive Officer, Crescent Enterprises, United Arab Emirates; Young Global Leader

**Stephen O'Brien**, Undersecretary-General for Humanitarian Affairs and Emergency Relief Coordinator, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), New York

Discussion Leaders

**Hikmet Ersek**, President and Chief Executive Officer, The Western Union Company, USA

**Wolfgang Jamann**, Secretary-General and Chief Executive Officer, Care International, Switzerland

**Lilianne Ploumen**, Minister for Foreign Trade and Development Cooperation of the Netherlands

**Lauren Woodman**, Chief Executive Officer, NetHope, USA

Moderated by

**Elaine Weidman Grunewald**, Senior Vice-President and Chief Sustainability Officer, Ericsson, Sweden



Thursday 19 January

09.00 - 10.30

Congress Centre - Atelier

241 power of platforms

## The Power of Platforms

Global platform companies have a market value of over \$4.3 trillion yet face policy hurdles when scaling up. What is needed to achieve effective platform governance?

Session objectives:

- Discern new forms of value creation
- Explore how digital systems can be more accountable
- Develop frameworks that are both global and local

This session is related to a System Initiative (Shaping the Future of Digital Economy and Society).

Introduced by

**Derek O'Halloran**, Head, System Initiative on Shaping the Future of Digital Economy and Society, World Economic Forum

**Hugh Grant**, Chairman and Chief Executive Officer, Monsanto Company, USA

**Lee Kai-Fu**, Chairman and Chief Executive Officer, Sinovation Ventures, People's Republic of China

**Jimmy Wales**, Founder and Chair Emeritus, Board of Trustees, Wikimedia Foundation, USA; Young Global Leader

With

**Violeta Bulc**, Commissioner, Transport, European Commission, Brussels

Discussion Leaders

**Soumitra Dutta**, Dean, College of Business, Cornell University, USA

**Michael T. Fries**, President and Chief Executive Officer, Liberty Global, USA

**Matthew Prince**, Co-Founder and Chief Executive Officer, CloudFlare, USA

**Baohong Sun**, Dean's Distinguished Chair Professor of Marketing; Associate Dean, Global Programmes, Cheung Kong Graduate School of Business, People's Republic of China

Facilitated by

**Alan Murray**, Chief Content Officer, Time, USA



09.00 - 09.30

The Loft - Agora

233 agora/blockchain computing

## World-Changing Technology: Blockchain and New Approaches to Computing

Join global technology leaders for an executive briefing on how blockchain and related technologies are changing the world.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

**Imogen Heap**, Chief Executive Officer, Mycelia, United Kingdom

**Toomas Hendrik Ilves**, President of Estonia (2006-2016)

**Peter Smith**, Chief Executive Officer, Blockchain, USA

Moderated by

**Robert Cox**, Global Editor-in-Chief, Reuters Breakingviews.com, USA



09.00 - 10.00

Congress Centre - Salon

236 genomic revolution

## The State of the Genomic Revolution

Genomics holds the promise of revolutionizing medicine, agriculture and energy, and even how we think about life itself. Ten years after the first sequencing of a human genome, what have we learned and where are we headed next?

**James Collins Jr**, Executive Vice-President, DuPont, USA

**Carola G Vinuesa**, Head, Department of Immunology and Infectious Disease, John Curtin School of Medical Research, Australian National University, Australia

**Peer M. Schatz**, Chief Executive Officer, QIAGEN, Germany

**Feng Zhang**, Core Member, Broad Institute of MIT and Harvard, USA; Young Scientist

Moderated by

**Joe Palca**, Science Correspondent, NPR, USA

Thursday 19 January

09.00 - 10.15

Congress Centre - Jakobshorn

245 silk road

## The Silk Road Effect

How are political and infrastructure investments into a modern Silk Road affecting economic growth and harmonization across Asia and Europe?

Dimensions to be addressed:

- Digital economy and digital trade
- Future production systems
- Smart energy investments

**Ilham Aliyev**, President of the Republic of Azerbaijan

**Tsakhia Elbegdorj**, President of Mongolia

**Dmitry Konov**, Chairman of the Management Board, SIBUR Holding, Russian Federation

**Giorgi Kvirikashvili**, Prime Minister of Georgia

**Tarek Sultan Al Essa**, Chief Executive Officer and Vice-Chairman of the Board, Agility, Kuwait

Moderated by

**Anne Richards**, Chief Executive, M&G Investments, United Kingdom; Young Global Leader

09.00 - 09.30

Media Village - Issue Briefing Room

239 issue briefing/post-eu

## The Post-EU Era

Referenda in the UK and Italy and forthcoming elections in France and Germany are placing the European Union under unprecedented strain. Is it time to start thinking about the post-EU era?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Jan-Werner Müller**, Professor of Politics, Princeton University, USA

Moderated by

**Oliver Cann**, Head of Media Content, World Economic Forum



09.00 - 10.00

Congress Centre - Sanada

235 cna/asia lead

## Asia Takes the Lead

Asia looks to play an increasingly important role in the global economy as ASEAN celebrates its 50th anniversary. But as prospects for global trade darken, how will Asia's economic journey continue?

Dimensions to be addressed:

- Regional trade agreements
- ASEAN cooperation
- China as a uniting force

This session was developed in partnership with Channel NewsAsia.

Simultaneous interpretation in English and Mandarin Chinese

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Anthony F. Fernandes**, Group Chief Executive Officer, AirAsia, Malaysia; Young Global Leader Alumnus

**Li Daokui**, Dean, Schwarzman College, Tsinghua University, People's Republic of China

**Kishore Mahbubani**, Dean, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore

**Mustapa Mohamed**, Minister of International Trade and Industry of Malaysia

**Nouriel Roubini**, Professor of Economics, Stern School of Business, New York University, USA

Moderated by

**Xueling Lin**, Presenter, Channel NewsAsia, Singapore



## Thursday 19 January

09.15 - 09.45

Congress Centre - Global Situation Space

247 gss/food crisis 3

### Food Crisis: The Big Picture

From water waste to nutrition deficiencies, embark on a visual exploration that reveals the causes and consequences of food insecurity now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Tim Benton**, Dean for Strategic Research, University of Leeds, United Kingdom

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA



09.15 - 10.15

Congress Centre - Aspen 2

246 art of dissent

### The Art of Dissent

The incidence of censorship, detainment and killings of artists and journalists who speak truth to power has skyrocketed around the world. What price are we willing to pay for freedom of expression?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Patrick Chappatte**, Editorial Cartoonist, Globe Cartoon, Switzerland; Young Global Leader  
**Maina Kiai**, UN Special Rapporteur on the Rights to Freedom of Peaceful Assembly and of Association, United Nations, Nairobi  
**Haifaa Al Mansour**, Independent Filmmaker, Saudi Arabia  
**Anant Singh**, Producer, Videovision Entertainment, South Africa

Moderated by

**Mina Al-Oraibi**, Columnist, Asharq Al-Awsat Newspaper, United Kingdom; Young Global Leader



09.15 - 10.15

Congress Centre - Aspen 1

248 pricing carbon

### The Return of Carbon Markets

Seven of the world's 10 largest economies have put a price on carbon. How can business and regulators work together to foster vibrant carbon markets?

Dimensions to be addressed:

- Prices that trigger emissions abatement
- Convergence of pricing schemes
- Effective use of revenues

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**José Manuel Entrecanales Domecq**, Chairman and Chief Executive Officer, Acciona, Spain

**Catherine McKenna**, Minister of Environment and Climate Change of Canada

**Douglas L. Peterson**, President and Chief Executive Officer, S&P Global, USA

**Lord Nicholas Stern**, President, British Academy, United Kingdom

Moderated by

**Bronwyn Nielsen**, Editor-in-Chief and Executive Director, CNBC Africa, South Africa





Thursday 19 January

09.30 - 10.00

Congress Centre - Health Hub

249 health hub/dementia & alzheimer's

## Ask About: Dementia and Alzheimer's Disease

Globally, the number of people living with dementia is expected to rise from 46 million today to 131.5 million by 2050. Come to the Health Hub for a conversation on the latest research on dementia and Alzheimer's disease with expert Richard Hodes.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Richard J. Hodes**, Director, National Institute on Aging, USA

09.45 - 10.15

The Loft - Hub B

250 tipping point/augmented & virtual reality

## Tipping Point: Augmented and Virtual Reality

Imagine in 2025 that 25% of all university and on-the-job training for engineering, architecture and medicine are based on augmented and virtual reality tools. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Allison Okamura**, Professor, Stanford University, USA



09.45 - 10.15

The Loft - Hub A

252 tipping point/quantum computing

## Tipping Point: Quantum Computing

Imagine in 2025 that quantum computers, while relatively expensive, are reliable, hugely powerful and able to circumvent strong encryption up to 256 bits. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Andrew Fursman**, Chief Executive Officer, 1QB Information Technologies (1QBit), Canada  
**Jeremy O'Brien**, Director, Centre for Quantum Photonics, University of Bristol, USA; Young Scientist



Thursday 19 January

09.45 - 10.15

The Loft - Agora

251 tipping point/blockchain

## Tipping Point: The Blockchain Revolutionizes Global Transactions

Imagine in 2025 that nearly one-quarter of financial and physical transactions are secured and managed by private blockchains. How should business, government and civil society prepare for such a future?

Delve into “known unknowns” of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Peter Smith**, Chief Executive Officer, Blockchain, USA

**Don Tapscott**, Adjunct Professor of Management, Joseph L. Rotman School of Management, University of Toronto, Canada



10.00 - 10.30

Congress Centre - Humanitarian Hub

253 humanitarian hub/sports

## Sporting for Survival

How can sports instill personal resilience and identity in communities affected by violent conflict?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Yusra Mardini**, Swimmer, Olympic Athlete, Germany

10.00 - 10.30

Congress Centre - Science Hub

255 science hub/robotic vision

## Ask About: Engineering Vision for Autonomous Robots

Explore how humanizing robotic vision is a first step towards creative interaction.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Margarita Chli**, Assistant Professor, ETH Zurich, Switzerland

Thursday 19 January

10.00 - 10.30

Media Village - Issue Briefing Room

254 issue briefing/jobs

## Jobs and the Fourth Industrial Revolution

Automation and digitization are having a seismic impact on labour markets around the world. But is it all doom and gloom, and what are the opportunities for creating new jobs?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Erik Brynjolfsson**, Director, MIT Initiative on the Digital Economy, MIT - Sloan School of Management, USA

**Suzanne Fortier**, Principal and Vice-Chancellor, McGill University, Canada

Moderated by

**Saadia Zahidi**, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum



10.15 - 10.45

Congress Centre - Congress Hall

437 address/may

## Special Address by Theresa May, Prime Minister of the United Kingdom

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Theresa May**, Prime Minister of the United Kingdom

Chaired by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



10.30 - 11.00

Congress Centre - Health Hub

256 health hub/blindness

## Ask About: Blindness

An estimated 39 million people around the globe are affected by blindness, but new research into bionic eyes offers hope for restoring and augmenting vision. Come to the Health Hub for a conversation on the latest research on retinal prostheses with neuroscientist E. J. Chichilnisky.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**E.J. Chichilnisky**, Professor of Neurosurgery and of Ophthalmology, Stanford University, USA

Thursday 19 January

10.45 - 11.45

Congress Centre - Arena

260 national digital strategy

## Shaping a National Digital Strategy

Many countries have a national digital strategy and yet plans mostly focus on infrastructure rather than privacy, security and skills development. How can national digital strategies unlock leapfrogging opportunities for countries?

This session will be livestreamed on TopLink and the Forum website.

**Herman Gref**, Chief Executive Officer and Chairman of the Executive Board, Sberbank, Russian Federation

**Paul Kagame**, President of the Republic of Rwanda

**Doris Leuthard**, President of the Swiss Confederation 2017 and Federal Councillor of the Environment, Transport, Energy and Communications of Switzerland

**Gavin Patterson**, Chief Executive Officer, BT Group, United Kingdom

**António Santos da Santos da Costa**, Prime Minister of Portugal

Moderated by

**Angel Gurría**, Secretary-General, Organisation for Economic Co-operation and Development (OECD), Paris



10.45 - 11.15

Congress Centre - Global Situation Space

259 gss/climate crisis 3

## Climate Crisis: The Big Picture

From rampant emissions to rising sea levels, embark on a visual exploration that reveals the causes and consequences of our climate crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

**Johan Rockström**, Executive Director, Stockholm Resilience Centre, Sweden

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



10.45 - 12.00

Congress Centre - Jakobshorn

258 growth through care

## Driving Growth through Care

Small investments in the care economy would provide a major boost to growth and employment in many developed and emerging markets. What business and policy innovations hold the greatest potential for driving growth and gender equality through care?

Dimensions to be addressed:

- Building care as a sector for growth
- Addressing unpaid work responsibilities
- Integrating technology across care services

This session is related to a System Initiative (Shaping the Future of Education, Gender and Work).

Introduced by

**Saadia Zahidi**, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum

**Sharan Burrow**, General Secretary, International Trade Union Confederation (ITUC), Brussels

**Paul R. Hogan**, Chairman and Founder, Home Instead Senior Care, USA

**Christopher Pissarides**, Regius Professor of Economics, London School of Economics and Political Science, United Kingdom

Moderated by

**Joanne Lipman**, Editor-in-Chief, USA Today Network, USA



Thursday 19 January

10.45 - 11.15

The Loft - Agora

257 agora/augmented & vr governance

## Governing Disruption: The Ethics of Augmented and Virtual Reality

Which societal values are being challenged by the rise of augmented and virtual reality, and how might we design new technologies or institutions to address these ethical dilemmas?

Join experts in the Loft for a Socratic dialogue on the future of governance in the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Claire Boonstra**, Founder, Operation Education, Netherlands; Young Global Leader  
**P. Murali Doraiswamy**, Professor, Duke University Health System, USA

Facilitated by

**Ian Goldin**, Professor of Globalization and Development and Senior Fellow, Oxford Martin School, University of Oxford, United Kingdom



10.45 - 11.15

Congress Centre - Congress Hall

261 conversation/abdullah

## A Conversation with King Abdullah II of Jordan

Simultaneous interpretation in all languages

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

Introduced by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum

**Abdullah II Ibn Al Hussein**, King of the Hashemite Kingdom of Jordan

Chaired by

**Fareed Zakaria**, Host, Fareed Zakaria GPS



11.00 - 11.45

Congress Centre - BetaZone

263 betazone/secrets below the surface 2

## Secrets below the Surface: Incredible Archaeological Discoveries

Space archaeologist Sarah Parcak takes us on a visual journey to discover never-before-surfaced ancient cities via satellite technology and uncover clues to humankind's rise and fall throughout history.

**Sarah Parcak**, Director, GlobalXplorer, USA

Moderated by

**Matthew Murray**, Deputy Editor-in-Chief, Wall Street Journal, USA

Thursday 19 January

11.00 - 11.30

Promenade - Humanae

262 behind the idea/humanae 2

## Behind the Artist's Idea: Humanae

Join Angelica Dass to learn about her vision of transcending traditional notions of skin colour with **Humanae**, her global portrait project with a unique twist.

The Humanae exhibition is located outside, only a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With **Angélica Dass**, Photographer, Angélica Dass, Spain



11.00 - 11.30

Congress Centre - Humanitarian Hub

266 humanitarian hub/aleppo

## Inside Aleppo

What is really happening inside Aleppo?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Consecutive interpretation in English

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders

**Raed Saleh**, Head, Syria Civil Defence, Syria

11.00 - 11.30

Congress Centre - Science Hub

267 science hub/virtual humans

## Ask About: Virtual Humans

Explore how research into virtual humans is simultaneously advancing the frontiers of robotics, biology and human psychology.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Co-Chair, Global Future Council on The Future of Computing

Thursday 19 January

11.00 - 12.00

Congress Centre - Sanada

265 g20 growth agenda

## The G20 Agenda: Charting a New Course for Growth

The stability of the global economy is a top issue for the G20 in 2017. How can member countries use fiscal policy and structural reforms to generate more inclusive growth?

Dimensions to be addressed:

- Fiscal and structural reform agenda for economic stability
- Balancing an uncertain global environment and economic populism with fiscal responsibility
- Sustainable global value chains

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Nicolas Dujovne**, Minister of Treasury of Argentina

**Pravin Gordhan**, Minister of Finance of South Africa

**Henrique Meirelles**, Minister of Finance of Brazil

**Wolfgang Schäuble**, Federal Minister of Finance of Germany

**Mehmet Simsek**, Deputy Prime Minister of Turkey

Moderated by

**Roula Khalaf**, Deputy Editor, Financial Times, United Kingdom



11.00 - 11.30

Media Village - Issue Briefing Room

307 issue briefing/digital wildfires

## Digital Wildfires

With misinformation travelling faster than facts, how can we navigate today's information channels?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Stephen J. Adler**, President and Editor-in-Chief, Thomson Reuters, USA

**Rebecca MacKinnon**, Director, Ranking Digital Rights, USA

Moderated by

**Michael Hanley**, Head of Digital Communications, Member of the Executive Committee, World Economic Forum



11.00 - 12.00

Congress Centre - Aspen 2

264 cnbc/banking outlook

## Global Banking Outlook

Deep debate is ongoing about which banking model will be the most resilient in the face of greater uncertainty. What is the right global strategy when operating across different regions and regulatory environments?

This session was developed in partnership with CNBC.

This session will be livestreamed on [TopLink](#) and on the [Forum website](#). Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Mary Callahan Erdoes**, Chief Executive Officer, Asset Management, JPMorgan Chase & Co., USA

**Andrey L. Kostin**, President and Chairman, VTB Bank Management Board, VTB Bank, Russian Federation

**Brian T. Moynihan**, Chairman of the Board and Chief Executive Officer, Bank of America Corporation, USA; Co-Chair of the World Economic Forum Annual Meeting 2017

**Bill Winters**, Group Chief Executive Officer, Standard Chartered Bank, United Kingdom

Moderated by

**Geoff Cutmore**, Anchor, CNBC, United Kingdom



Thursday 19 January

11.00 - 12.00

Congress Centre - Aspen 1

268 time/privacy

## What If: Privacy Becomes a Luxury Good?

Our devices are monitoring us around the clock, the digital services we rely on require our personal data and anonymity is becoming impossible. What if data privacy becomes a luxury that only the wealthy can afford?

Explore the possible, plausible and probable impacts of the Fourth Industrial Revolution.

This session was developed in partnership with TIME.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Jean-Yves Charlier**, Group Chief Executive Officer, VimpelCom, Netherlands  
**André Kudelski**, Chairman of the Board and Chief Executive Officer, Kudelski Group, Switzerland  
**Michael F. Neidorff**, Chairman and Chief Executive Officer, Centene Corporation, USA  
**Kenneth Roth**, Executive Director, Human Rights Watch, USA  
**Evelyn Ruppert**, Professor, Goldsmiths, University of London, United Kingdom

Moderated by

**Nancy Gibbs**, Editor-in-Chief, Time Magazine, USA



11.15 - 12.00

Congress Centre - Congress Hall

269 future europe

## Which Europe Now?

How can Europe overcome its divisions and forge a common path forward?

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Ana Botín**, Group Executive Chairman, Banco Santander, Spain  
**Mark Rutte**, Prime Minister of the Netherlands  
**Martin Schulz**, Member of Parliament, European Parliament, Brussels  
**Frans Timmermans**, First Vice-President, Better Regulation, Inter-Institutional Relations, the Rule of Law and the Charter of Fundamental Rights, European Commission, Brussels

Chaired by

**Maurice Lévy**, Chairman and Chief Executive Officer, Publicis Groupe, France



11.30 - 12.00

The Loft - Hub B

270 loft/blockchain policy

## Technology Partnerships: Employing the Blockchain to Serve Society

Distributed ledger technology has the potential to transform the way we track, record and exchange assets, although many institutional hurdles still exist. What policy interventions and innovative partnerships are being put together to make blockchain technologies deliver on their promise?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Jeff Schumacher**, Founder and Chief Executive Officer, BCG Digital Ventures, USA  
**Jamie Smith**, Chief Communications and Marketing Officer, BitFury Group, USA





Thursday 19 January

11.30 - 12.00  
The Loft - Hub A

271 loft/computing policy

## Technology Partnerships: New Approaches to Managing Data

Data is both the biggest asset and the most critical liability for many firms. What new policy and strategic approaches to data management can help ensure that innovation, efficiency, privacy and security are maximized?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With  
**Neelie Kroes**, Non-Executive Member of the Board, Open Data Institute, United Kingdom



12.00 - 12.30  
Congress Centre - Science Hub

273 science hub/solar energy

## Ask About: The Future of Solar Energy

Explore nanotechnologies and lightweight materials for solar energy.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With  
**Vladimir Bulovic**, Associate Dean for Innovation and Fariborz Maseeh Professor of Emerging Technology, MIT School of Engineering, USA

12.00 - 12.30  
Congress Centre - Arena

424 insight/parolin

## An Insight, An Idea with Cardinal Pietro Parolin

A conversation with Cardinal Pietro Parolin, Secretary of State of the Vatican City State, on human values and the vital role played by cultural and religious heritage at a time of rapid global transformation.

This session will be livestreamed on TopLink and the Forum website.

**Pietro Parolin**, Cardinal and Secretary of State of the Vatican City State

Interviewed by  
**Philipp Rösler**, Head, Regional and Government Engagement, Member of the Managing Board, World Economic Forum



Thursday 19 January

12.30 - 13.45

Hilton Garden Inn - -

284 refugee experience 8

## A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



12.30 - 13.45

Open Forum - Swiss Alpine High School - Auditorium

283 open forum/concert

## Leadership beyond Borders: The Afghan Women's Orchestra "Zohra"

Join this unique performance by the Afghan Women's Orchestra "Zohra", a group of 30 brave young women who are the first to learn music in their country in more than three decades, including the country's first female conductors. They are joined by members of the youth orchestra of the Collège de Genève and demonstrate the power of cross-cultural dialogue through music. This performance launches a tour of Switzerland and Germany.

The session includes a performance, demonstrations and a discussion with the musicians.

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

Introduced by

**Ahmad Sarmast**, Founder, Afghanistan National Institute of Music (ANIM), Afghanistan

With

**Zarifa Adiba**, Conductor, Zohra Orchestra, Afghanistan National Institute of Music (ANIM), Afghanistan

**Negin Khpolwak**, Conductor, Zohra Orchestra, Afghanistan National Institute of Music (ANIM), Afghanistan



12.30 - 13.45

Congress Centre - Aspen 2

285 shaping davos/youth imperative

## Shaping Davos: Meeting the Youth Imperative

Over 13% of the world's youth are unemployed and, in many countries, this figure easily goes beyond 40%. What innovative approaches in education and employment can political and business leaders pursue to help get youth off the streets and realize their full potential?

Connecting live to the following cities:

- Baku on putting peer-to-peer learning into practice
- Bangalore on moving beyond menial jobs
- Budapest on combating the drivers of brain drain
- Monterrey on improving access to and reach of education

This session was developed with the Global Shapers Community, focusing on global issues and local solutions. It is part of a series of live events connecting to 16 cities worldwide.

This session will be livestreamed on TopLink and the Forum website.

**Omar K. Alghanim**, Chief Executive Officer, Alghanim Industries, Kuwait; Young Global Leader Alumnus

**Claire Boonstra**, Founder, Operation Education, Netherlands; Young Global Leader

Moderated by

**Afsin Yurdakul**, International News Anchor, Habertürk TV, Turkey; Global Shaper



Thursday 19 January

12.30 - 13.45

Hotel InterContinental - Lillie/Aster

274 accelerated industrialization

## Pathways for Accelerated Industrialization

By 2025, a new consumer class will surge demand for goods in developing countries. At the same time, innovations in manufacturing will create opportunities for growing economies to move to the next era of industrialization. What new approaches to industrialization will define the next era of manufacturing?

Dimensions to be addressed:

- Adapting reliance on manufacturing based on economic maturity
- Creating new opportunities for SMEs
- Reskilling talent to introduce new technologies in the manufacturing process

### Discussion Leaders

**Apiradi Tantraporn**, Minister of Commerce of Thailand

**Brian Ballard**, Co-Founder and Chief Executive Officer, APX Labs, USA

**Baba N. Kalyani**, Chairman and Managing Director, Bharat Forge, India

**Justin Lin**, Honorary Dean, National School of Development, Peking University, People's Republic of China

**Geoffrey Qhena**, Chief Executive Officer, Industrial Development Corporation of South Africa (IDC), South Africa

### Facilitated by

**Philip J. Jennings**, General Secretary, UNI Global Union, Switzerland



12.30 - 13.45

Hotel Derby - Fluela 1-2-3

275 asia outlook

## The Asia Market Outlook

With much of the world stuck in a low-growth malaise, Asia stands out for its robust expansion. In particular, South Asia and ASEAN, with nearly 1 billion of their citizens under the age of 30, are enjoying a powerful demographic dividend. How should policy-makers and investors approach the region's economic prospects?

### Discussion Leaders

**Rahul Bajaj**, Chairman, Bajaj Auto, India

**Nitin Jairam Gadkari**, Minister of Road Transport, Highways and Shipping of India

**Ramon Lopez**, Secretary of Trade and Industry of the Philippines

**Thapana Sirivadhanabhakdi**, President and Chief Executive Officer, Thai Beverage, Thailand

### Moderated by

**Mari Elka Pangestu**, Professor of International Economics, University of Indonesia, Indonesia



12.30 - 13.45

Hotel InterContinental -  
Turmalin/Adular/Quarz

276 co-design/leader's resilience

## A Leader's Resilience

Through crisis and disruption, leaders are defined by their ability to withstand shocks to their industry, organization and lives. In these times, what matters most?

This session was developed in partnership with Facebook.

### Discussion Leaders

**Yusra Mardini**, Swimmer, Olympic Athlete, Germany

**Sheryl Sandberg**, Chief Operating Officer and Member of the Board, Facebook, USA; Young Global Leader Alumnus

**Hamdi Ulukaya**, Founder and Chief Executive Officer, Chobani, USA

### Moderated by

**Adam Grant**, Professor, Management and Psychology, Wharton School, University of Pennsylvania, USA; Young Global Leader



Thursday 19 January

12.30 - 13.45

Morosani Posthotel - Davoserstube

277 eu commission

## New Realities: A New Europe?

How can Europe build inclusive and sustainable growth when faced with shifting economic and political dynamics?

Join an interactive lunch with Members of the European Commission.

With

**Andrus Ansip**, Vice-President and Commissioner, Digital Single Market, European Commission, Brussels

**Violeta Bulc**, Commissioner, Transport, European Commission, Brussels

**Valdis Dombrovskis**, Vice-President and Commissioner, Euro and Social Dialogue, Financial Stability, Financial Services and Capital Markets Union, European Commission, Brussels; Young Global Leader Alumnus

**Johannes Hahn**, Commissioner, European Neighbourhood Policy and Enlargement Negotiations, European Commission, Brussels

**Pierre Moscovici**, Commissioner, Economic and Financial Affairs, Taxation and Customs, European Commission, Brussels

**Tibor Navracsics**, Commissioner, Education, Culture, Youth and Citizenship, European Commission, Brussels

**Maros Sefcovic**, Vice-President and Commissioner, Energy Union, European Commission, Brussels

Discussion Leaders

**Cecilia Malmström**, Commissioner, Trade, European Commission, Brussels

**Carlos Moedas**, Commissioner, Research, Science and Innovation, European Commission, Brussels

**Robin Niblett**, Director, Chatham House, United Kingdom

Special Remarks by

**Frans Timmermans**, First Vice-President, Better Regulation, Inter-Institutional Relations, the Rule of Law and the Charter of Fundamental Rights, European Commission, Brussels

Moderated by

**Gideon Rachman**, Associate Editor and Chief Foreign Affairs Commentator, Financial Times, United Kingdom



12.30 - 13.45

Ameron Swiss Mountain Hotel - Cervolino

278 euromarkets outlook

## The European Markets Outlook

Amid low interest rates, low potential growth and headwinds from anti-globalization movements, what lies ahead for European markets in 2017?

Dimensions to be addressed:

- Implications of Brexit
- Monetary and fiscal stimuli
- Low enterprise productivity

Discussion Leaders

**Manuel Caldeira Cabral**, Minister of Economy of Portugal

**Cai Mingpo**, Founder & President, Cathay Capital Europe, People's Republic of China

**Hélène Rey**, Professor of Economics, London Business School, United Kingdom

**Nihat Zeybekci**, Minister of Economy of Turkey

Moderated by

**Timothy Adams**, President and Chief Executive Officer, Institute of International Finance (IIF), USA



12.30 - 13.45

Ameron Swiss Mountain Hotel - Campanello

279 farm to plate

## From Farm to Plate

Every year, one-third of global food production is lost. Which solutions hold the greatest potential to reduce food waste from farm to plate and beyond?

Dimensions to be addressed:

- Agriculture inputs
- Storage and distribution
- Retail and consumption

The menu has been specially designed with ingredients that would otherwise go to waste for various reasons, but not because they are inedible.

Discussion Leaders

**Patrick Brown**, Chief Executive Officer and Founder, Impossible Foods, USA

**Jean-Louis Chaussade**, Chief Executive Officer, SUEZ, France

**Ajay Vir Jakhur**, Chairman, Bharat Krishak Samaj (Farmers' Forum India), India

**Ellen MacArthur**, Founder, Ellen MacArthur Foundation, United Kingdom

Moderated by

**Edwin Macharia**, Partner, Dalberg Global Development Advisors, Kenya; Young Global Leader



Thursday 19 January

12.30 - 13.45

Morosani Posthotel - Poststube

280 invisible borders

## Overcoming Invisible Borders

What digital-ready trade and investment policies can empower new forms of commerce and cut existing frictions in a digital economy?

Dimensions to be addressed:

- E-commerce as a lever for development
- Fostering digital coherence and competition
- Implications for taxation and regulation

### Discussion Leaders

**Chrystia Freeland**, Minister of International Trade of Canada; Young Global Leader Alumnus

**Robert Lawrence**, Albert L. Williams Professor of Trade and Investment, Harvard Kennedy School of Government, USA

**Jabu A. Mabuza**, Chairman, Telkom Group, South Africa

**Ellen Richey**, Vice-Chairman, Risk and Public Policy, Visa, USA

**Devin Wenig**, President and Chief Executive Officer, eBay, USA; Young Global Leader Alumnus

### Moderated by

**Andrew McAfee**, Principal Research Scientist, MIT Initiative on the Digital Economy, Massachusetts Institute of Technology (MIT), USA



12.30 - 13.45

Hotel Meierhof - Restaurant

281 latin america outlook

## The Latin America Outlook

Amid low commodity prices, weak productivity levels and a challenging external environment, what lies ahead for Latin American economies in 2017?

Dimensions to be addressed:

- Mitigating macroeconomic vulnerabilities
- Accelerating structural reforms
- Diversifying opportunities for foreign direct investment

### Introduced by

**Ricardo Hausmann**, Director, Center for International Development and Professor, Practice of Economic Development, Harvard University, USA

### Discussion Leaders

**Nicolas Dujovne**, Minister of Treasury of Argentina

**Ilan Goldfajn**, Governor of the Central Bank of Brazil

**Francisco N. González Díaz**, Chief Executive Officer, ProMéxico, Mexico

**Fernando Zavala**, Prime Minister of Peru; Young Global Leader

### Moderated by

**Ana Botín**, Group Executive Chairman, Banco Santander, Spain



12.30 - 13.45

Hotel Cresta Sun - Restaurant

282 new travel paradigm

## Future of Travel: Almost There

With more than 8 million travellers in the air daily and over 232 million people living outside their country of origin, travel is the lifeblood of the global economy. How can the industry be sustained amid heightened tensions and security concerns?

For Members and Partners interested in System Initiatives (Shaping the Future of Mobility)

### Discussion Leaders

**Enrique de la Madrid Cordero**, Secretary of Tourism of Mexico

**Luis Maroto**, President and Chief Executive Officer, Amadeus, Spain

**Christopher J. Nassetta**, President and Chief Executive Officer, Hilton Worldwide, USA

**Tomás Saraceno**, Artist, Studio Tomás Saraceno, Germany

### Moderated by

**Bronwyn Nielsen**, Editor-in-Chief and Executive Director, CNBC Africa, South Africa



Thursday 19 January

12.45 - 13.15

Congress Centre - Global Situation Space

286 gss/refugee crisis 3

## Refugee Crisis: The Big Picture

From conflict refugees to climate migrants, embark on a visual exploration that reveals the causes and consequences of our refugee crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Khalid Koser**, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA

**Achim Steiner**, Director, Oxford Martin School, University of Oxford, United Kingdom



12.45 - 13.30

Congress Centre - Aspen 1

430 saudi arabia

## Saudi Arabia Vision 2030

Saudi Arabia's reform plans aim to transform the country's economy and society and move away from its oil dependency. How can this vision be achieved by 2030?

This session will be livestreamed on [TopLink](#) and the [Forum's website](#).

**Khalid Al-Falih**, Minister of Energy, Industry and Mineral Resources of Saudi Arabia

**Mohammed Al-Jadaan**, Minister of Finance of Saudi Arabia

**Majid Al Qasabi**, Minister of Commerce and Investment of Saudi Arabia

Moderated by

**Philipp Rösler**, Head, Regional and Government Engagement, Member of the Managing Board, World Economic Forum



13.00 - 13.30

Congress Centre - Mixed Reality Space

287 mixed reality 8

## Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

Thursday 19 January

13.30 - 14.30

Congress Centre - Sanada

288 ndtv/india

## India's Turn to Transform

India is in the midst of a major anti-corruption and tax-reform programme. With demonetization and other reforms, how inclusive and transformative will the results be?

This session was developed in partnership with NDTV.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Arundhati Bhattacharya**, Chairman, State Bank of India, India

**Carmen M. Reinhart**, Minos A. Zombanakis Professor of the International Financial System, Harvard Kennedy School, USA

**Kenneth Rogoff**, Thomas D. Cabot Professor of Public Policy and Professor of Economics, Harvard University, USA

**Nirmala Sitharaman**, Minister of State for Commerce and Industry of India

**Federico Sturzenegger**, Governor of the Central Bank of Argentina; Young Global Leader

Moderated by

**Vikram Chandra**, Presenter, Consulting Editor, New Delhi Television (NDTV), India



13.45 - 14.15

Congress Centre - Arena

290 conversation/medicine

## A Conversation on the Future of Medicine

Join Atul Gawande, renowned surgeon and author of [Being Mortal](#), and Francis Collins, celebrated geneticist and science policy leader, on the future of healthcare leadership and biomedical research.

This session will be livestreamed on TopLink and the Forum website.

With

**Francis S. Collins**, Director, National Institutes of Health, USA

**Atul Gawande**, Executive Director, Ariadne Labs; Surgeon, Brigham and Women's Healthcare, USA



14.00 - 14.30

Congress Centre - Humanitarian Hub

155 humanitarian hub/development divide

## Bridging Global and Local Resources

How can humanitarian response be redesigned to empower local communities?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Elhadj As Sy**, Secretary-General, International Federation of Red Cross and Red Crescent Societies (IFRC), Geneva

Facilitated by

**Penelope Naas**, Senior Vice-President, International Public Affairs and Sustainability, UPS Europe, Belgium

Thursday 19 January

14.15 - 14.45

Congress Centre - Aspen 2

436 insight/brin

## An Insight, An Idea with Sergey Brin

A conversation with Google founder Sergey Brin on leadership, entrepreneurship and the Fourth Industrial Revolution.

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Sergey Brin**, Founder, Bayshore Global Management, USA; Young Global Leader Alumnus

Chaired by

**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



14.30 - 15.45

Congress Centre - xChange

296 latin america 4.0

## Latin America 4.0

Join regional and global leaders in a strategic dialogue on advancing socio-economic stability and inclusiveness in the region in the Fourth Industrial Revolution.

Dimensions to be addressed:

- Shifting to new production systems
- Applying data and technology for social progress
- Creating hubs for innovation and entrepreneurship

This session was prepared in collaboration with the Regional Business Council and Regional Strategy Group on Latin America.

Introduced by

**Marisol Argueta de Barillas**, Head of Latin America, Member of the Executive Committee, World Economic Forum; Young Global Leader

**Luis Felipe Carrillo**, President and Chief Executive Officer, GE Andean and Caribbean, GE, Peru; Young Global Leader

**Idefonso Guajardo Villarreal**, Secretary of the Economy of Mexico

**Mauricio Ramos**, Chief Executive Officer, Millicom, USA

**Ricardo Villela Marino**, Executive Vice-President and Member of the Board of Directors, Itaú Unibanco, Brazil; Young Global Leader Alumnus

Discussion Leaders

**Alicia Bárcena Ibarra**, Executive Secretary, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago

**Soumitra Dutta**, Dean, College of Business, Cornell University, USA

**Andy Freire**, Minister of Modernization, Innovation and Technology of the City of Buenos Aires, Argentina; Young Global Leader Alumnus

**Enrique García**, President and Chief Executive Officer, CAF - Development Bank of Latin America, Caracas

**Matthew Silver**, Founder and Chief Executive Officer, Cambrian Innovation, USA; Technology Pioneer

Moderated by

**Adam Lashinsky**, Assistant Managing Editor, Fortune Magazine, USA



14.30 - 16.00

Congress Centre - Atelier

295 combating inequality

## Combating Rising Insecurity and Inequality

How can the growing inequality gap and adverse distributional effects of technological change and globalization be tackled more effectively?

Session objectives:

- Highlight root causes of inequality and insecurity in many countries
- Share examples of policy and institutional frameworks that have yielded effective responses
- Discuss sequencing and scalability of reforms and strategies

This session is related to a System Initiative (Shaping the Future of Economic Growth and Social Inclusion).

Introduced by

**Jennifer Blanke**, Chief Economist, Member of the Executive Committee, World Economic Forum

Discussion Leaders

**Yonatan Adiri**, Founder and Chief Executive Officer, Healthy.io, Israel; Young Global Leader

**Angus Deaton**, Dwight D. Eisenhower Professor of Economics and International Affairs, Emeritus. Senior Scholar, Princeton University, USA

**Jamie C. Drummond**, Co-Founder and Executive Director, ONE, United Kingdom; Young Global Leader

**Chrystia Freeland**, Minister of International Trade of Canada; Young Global Leader Alumnus

**Ricardo Hausmann**, Director, Center for International Development and Professor, Practice of Economic Development, Harvard University, USA

Facilitated by

**Nicholas D. Kristof**, Columnist, New York Times, USA





Thursday 19 January

14.30 - 15.30  
The Loft - Agora

297 agora/smart cities

## Envisioning Global Smart Cities

From autonomous vehicles and data-driven services to distributed sensors, cities will be ubiquitously connected to the internet. How can we ensure that smart city planning secures and benefits everyone?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

**Vivian Balakrishnan**, Minister for Foreign Affairs and Minister in Charge of the Smart Nations Initiative of Singapore  
**Aisha Bin Bisher**, Director General, Dubai Smart City, United Arab Emirates  
**Alex Molinaroli**, Chairman and Chief Executive Officer, Johnson Controls, USA  
**Conrad van van Oostrom**, Chief Executive Officer, OVG Real Estate, Netherlands; Young Global Leader

Moderated by  
**Srinath Sridharan**, Member, Group Management Council, Wadhawan Group, India



14.30 - 15.30  
Congress Centre - Congress Hall

420 cepi epidemics

## CEPI: A Global Initiative to Fight Epidemics

Ebola proved that the world needs a new model to fight disease outbreaks. Learn how the Coalition for Epidemic Preparedness Innovations responds to that call, forearming humanity against future crises.

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Alpha Condé**, President of Guinea  
**Jeremy Farrar**, Director, Wellcome Trust, United Kingdom  
**William H. Gates III**, Co-Chair, Bill & Melinda Gates Foundation, USA  
**Erna Solberg**, Prime Minister of Norway  
**Andrew Witty**, Chief Executive Officer, GlaxoSmithKline, United Kingdom

Chaired by  
**Zanny Minton Beddoes**, Editor-in-Chief, The Economist, United Kingdom



14.30 - 17.50  
Rinerhorn Mountain - Base Camp

289 base camp/creativity

## Unleashing Creativity to Thrive

Creativity rarely occurs in "light bulb moments"; it develops from patience, experimentation and even procrastination – we need time to wonder, incubate and imagine. Learn how to unleash your creative potential on this alpine retreat at the Base Camp on nearby Rinerhorn Mountain.

The session timings above include the transport. The shuttle to the Base Camp leaves at 14.30 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a short journey, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 17.20 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 17.50.

With  
**Arianna Huffington**, Founder, Thrive Global, USA  
**Yo-Yo Ma**, Musician, USA

Facilitated by  
**Adam Grant**, Professor, Management and Psychology, Wharton School, University of Pennsylvania, USA; Young Global Leader



Thursday 19 January

14.45 - 15.45

Congress Centre - Arena

301 power of being out

## Good for Business: The Power of Being Out

With growing evidence that companies perform better in LGBT-inclusive societies, how can businesses promote and support civic reforms?

Dimensions to be addressed:

- Promotion of role models and clear succession plans
- Anti-discrimination commitments along supply chains
- Social policies to protect LGBT communities in multinational investments

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Richard A. Rosenbaum**, Executive Chairman, Greenberg Traurig, USA  
**Eric Vilain**, Professor of Human Genetics, Pediatrics and Urology; Director, Center for Gender-Based Biology, David Geffen School of Medicine at UCLA, USA

Moderated by

**Miriam Meckel**, Editor-in-Chief, WirtschaftsWoche, Germany



14.45 - 15.30

Congress Centre - BetaZone

298 betazone/alternate futures

## Alternate Futures

Game designer Tracy Fullerton and digital artist Keiichi Matsuda reveal the fine line between technology as a channel for self-reflection or sensory overload. How is technology changing the human experience?

**Tracy Fullerton**, Game Designer and Professor, University of Southern California School of Cinematic Arts, USA

**Keiichi Matsuda**, Filmmaker and Designer, Keiichi Matsuda, United Kingdom

Moderated by

**Andrea Bandelli**, Executive Director, Science Gallery International, Ireland

14.45 - 15.15

Congress Centre - Global Situation Space

299 gss/urban fragility 3

## Urban Fragility: The Big Picture

From rising inequality to urban violence, embark on a visual exploration that reveals the causes and consequences of fragility in cities now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the [Lower Level \(-1\) of the Congress Centre](#)

Please arrive early, as seating is limited in the [Global Situation Space](#).

With

**Robert Muggah**, Research Director, Igarapé Institute, Brazil

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



Thursday 19 January

14.45 - 15.15

Congress Centre - Science Hub

302 science hub/biodiversity loss

## Ask About: Biodiversity Loss

Explore the causes and consequences of today's Sixth Great Extinction and the impact on human life.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Andrew Gonzalez**, Professor, Canada Research Chair in Biodiversity Science and Director, Quebec Centre for Biodiversity Science, McGill University, Canada

14.45 - 16.00

Congress Centre - IdeasLab

300 oxford/decision-making

## Deciphering Human Decision-Making with the University of Oxford

Discover new ideas and insights with leading researchers in the IdeasLab.

- Unravelling the psychology of self-expression in the wake of the Brexit vote and US election outcomes
- Decoding how poverty affects cognitive resources for decision-making
- Analysing the limits of rational choice in political and cultural conflict

Introduced by

**Louise Richardson**, Vice-Chancellor, University of Oxford, United Kingdom

Discussion Leaders

**Scott Atran**, Director of Research; Co-Founder, Artis International, USA

**Molly Crockett**, Associate Professor of Experimental Psychology, University of Oxford, United Kingdom

**Anandi Mani**, Professor of Behavioral Economics and Public Policy, Blavatnik School of Government, University of Oxford, United Kingdom

Facilitated by

**Joe Palca**, Science Correspondent, NPR, USA

14.45 - 15.45

Congress Centre - Salon

303 what if/organ factories

## What If: Animals Become Human Organ Factories?

With a shortage of organ donors, researchers are pressing closer to growing human organs inside pigs or sheep. What if human-animal hybrids become a reality?

Explore the possible, plausible and probable impacts of the Fourth Industrial Revolution.

**Francis S. Collins**, Director, National Institutes of Health, USA

**Eric David**, Co-Founder and Chief Strategy Officer, Organovo, USA; Technology Pioneer

**Matthieu Ricard**, Founder, Karuna-Shechen, France

Moderated by

**Allison Aubrey**, Correspondent, National Public Radio, USA

Thursday 19 January

15.00 - 15.30

Congress Centre - Health Hub

306 health hub/depression

## Ask About: Depression

Depression is the most common disabling illness, affecting 6.8% of the world's population. Come to the Health Hub for a conversation on the latest research on depression with neuroscientist and psychiatrist P. Murali Doraiswamy.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**P. Murali Doraiswamy**, Professor, Duke University Health System, USA

15.00 - 16.00

Congress Centre - Jakobshorn

309 sustainable production

## Mainstreaming Sustainable Production

Getting to zero pollution and optimizing use of energy and natural resources in production require adoption of new technologies. What innovations, policies and partnerships can ensure sustainable production?

Dimensions to be addressed:

- Sustainable sourcing and product design
- Circular production methods
- Balancing local production with global trade

This session is related to a System Initiative (Shaping the Future of Production and the Future of Environment and Natural Resource Security)

**Peter Bakker**, President and Chief Executive Officer, World Business Council for Sustainable Development (WBCSD), Switzerland

**Antoine Frérot**, Chairman and Chief Executive Officer, Veolia, France

**Mike McNamara**, Chief Executive Officer, Flex, USA

**Jennifer Morgan**, Executive Director, Greenpeace International, Netherlands

Moderated by

**Thomas L. Friedman**, Columnist, Foreign Affairs, New York Times, USA



15.00 - 16.00

Congress Centre - Aspen 1

308 russia outlook

## Russia in the World

How are national politics and a new economic and geopolitical context reshaping Russia's role in the world?

Dimensions to be addressed:

- Developing new sources of economic growth
- Navigating a multipolar world
- Shifting diplomatic ties

Simultaneous interpretation in English and Russian

This session will be livestreamed on TopLink and the Forum website.

**Kirill Dmitriev**, Chief Executive Officer, Russian Direct Investment Fund, Russian Federation; Young Global Leader

**Dmitry Kostygin**, Chairman of the Board, Ulmart, Russian Federation

**Igor Shuvalov**, First Deputy Prime Minister of the Russian Federation

Moderated by

**Isabelle Kumar**, Journalist and Presenter, Euronews, France



Thursday 19 January

15.00 - 15.30

Media Village - Issue Briefing Room

434 issue briefing/inclusive growth

## Inclusive Growth

There is wide agreement on the objective of inclusive growth but less understanding of how it can be put into practice. How can countries adopt inclusive growth practices that improve policy design and performance assessment, given that GDP was not originally intended as a comprehensive measure of economic progress?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**William Francis Morneau**, Minister of Finance of Canada

**Richard Samans**, Head of the Centre for the Global Agenda, Member of the Managing Board, World Economic Forum

Moderated by

**Oliver Cann**, Head of Media Content, World Economic Forum



15.00 - 16.00

Congress Centre - Sanada

304 cnn/energy outlook

## The Global Energy Outlook

Cutting subsidies, diversifying economies, investing in renewables: with energy prices stabilizing at a lower level, how effectively will governments reform and markets respond?

This session was developed in partnership with CNN.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Khalid Al-Falih**, Minister of Energy, Industry and Mineral Resources of Saudi Arabia  
**Claudio Descalzi**, Chief Executive Officer, Eni, Italy

**Emmanuel Kachikwu**, Minister of State for Petroleum Resources of Nigeria

**Isabelle Kocher**, Chief Executive Officer, ENGIE, France

**Maxim Oreshkin**, Minister of Economic Development of the Russian Federation

Moderated by

**John Deferios**, Editor, Emerging Markets; Anchor, CNNMoney, United Arab Emirates



15.00 - 16.00

Congress Centre - Aspen 2

305 f24/international taxation

## Taxation without Borders: A Fair Share from Multinationals

The Panama Papers placed loopholes in the international tax regime squarely at the top of the public agenda. Can new action on tax-base erosion and profit shifting rebuild trust in institutions?

This session was developed in partnership with France 24.

Simultaneous interpretation in English and French

This session will be livestreamed on TopLink and on the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Winnie Byanyima**, Executive Director, Oxfam International, United Kingdom

**Valdis Dombrovskis**, Vice-President and Commissioner, Euro and Social Dialogue, Financial Stability, Financial Services and Capital Markets Union, European Commission, Brussels; Young Global Leader Alumnus  
**Angel Gurría**, Secretary-General, Organisation for Economic Co-operation and Development (OECD), Paris

**Mateusz Morawiecki**, Deputy Prime Minister and Minister of Economic Development and Finance of Poland

**Isabel de Saint Malo de Alvarado**, Vice-President of Panama and Minister of Foreign Affairs; Global Shaper

Moderated by

**Stephen Carroll**, Business Editor, France 24, France



Thursday 19 January

15.45 - 16.15

The Loft - Hub B

311 forecasting/us presidency

## Forecasting Workshop: The Trump Presidency

Very smart people often make very big forecasting mistakes. Neither IQ nor subject-matter knowledge is enough, and echo chambers further cloud our thinking. How can we improve the way we predict the future?

Test your powers of prediction, identify blind spots and explore how the latest tools and data science will shift the way we think about the future.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Barbara Mellers**, Professor of Psychology and Marketing, Wharton School, University of Pennsylvania, USA

**Philip Tetlock**, Leonore Annenberg University Professor in Democracy and Citizenship, Wharton School, University of Pennsylvania, USA



15.45 - 16.15

The Loft - Hub A

312 loft/benevolent machine 3

## Benevolent Machine Exhibition: Capturing the Essence of Humanity for a Robotic Future

Discuss the hidden risks and opportunities of creating machines in our image with Hanson Robotics chief executive David Hanson (Sophia) and computational artist Patrick Tresset (3RNP – 3 Robots Named Paul).

The **Benevolent Machine** exhibition in the Loft invites us to reflect on potential unintended consequences of emerging technology.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**David Hanson**, Chief Executive Officer and Founder, Hanson Robotics, Hong Kong SAR  
**Patrick Tresset**, Artist, Ateliers Patrick Tresset, United Kingdom

Facilitated by

**Andrea Bandelli**, Executive Director, Science Gallery International, Ireland



15.45 - 16.15

Congress Centre - Science Hub

313 science hub/printed architecture

## Ask About: 3D Printing for Architecture

Explore how researchers are revolutionizing the way we build via digital fabrication technologies.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Benjamin Dillenburger**, Assistant Professor for Digital Building Technologies, ETH Zurich, Switzerland

Thursday 19 January

16.00 - 17.15

Hilton Garden Inn - -

315 refugee experience 9

## A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



16.00 - 16.30

Media Village - Issue Briefing Room

314 issue briefing/great game

## The New Great Game

New domains like space, cyberspace and the deep ocean are increasingly bearing witness to fraying relations between the world's powers. How are they vying for control while tensions manifest themselves and how can they be addressed to foster better global cooperation?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Jeanine Hennis-Plasschaert**, Minister of Defence of the Netherlands  
**James G. Stavridis**, Dean, The Fletcher School of Law and Diplomacy, Tufts University, USA

Moderated by  
**Oliver Cann**, Head of Media Content, World Economic Forum



16.00 - 16.30

Congress Centre - Congress Hall

316 address/guterres

## Cooperation for Peace: A New Vision for the United Nations

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Antonio Guterres**, Secretary-General, United Nations, New York

Chaired by  
**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



Thursday 19 January

16.15 - 16.45

Congress Centre - Humanitarian Hub

332 humanitarian hub/tracking

## Tracking Every Move

How can new technologies enable better tracking of displaced populations and help bust migration myths?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**William Lacy Swing**, Director-General, International Organization for Migration (IOM), Geneva

16.30 - 17.30

Congress Centre - Arena

323 europe security

## Redefining Europe's Security Agenda

As the European Union needs to respond to internal security threats, shifting alliances at its borders and changing transatlantic relations, what are the perspectives for a common security and defence policy?

Dimensions to be addressed:

- Managing internal and external borders
- Facilitating intelligence, police and justice collaboration
- Integrating investment in defence research and development

This session will be livestreamed on TopLink and the Forum website.

**Margaret MacMillan**, Warden, St Antony's College, University of Oxford, United Kingdom  
**Federica Mogherini**, High Representative of the European Union for Foreign Affairs and Security Policy; Vice-President of the European Commission, Brussels  
**Jens Stoltenberg**, Secretary-General, North Atlantic Treaty Organization (NATO), Brussels  
**Witold Waszczykowski**, Minister of Foreign Affairs of Poland

Moderated by

**Robin Niblett**, Director, Chatham House, United Kingdom



16.30 - 17.15

Congress Centre - BetaZone

317 betazone/invisible conflict 1

## The Invisible Conflict

Photographer Platon confronts us with the strength and resilience of the women, men and children whose lives are intertwined with the conflict minerals that have sustained the deadliest conflict since World War 2.

**Platon Antoniou**, Photographer, People's Portfolio, USA

Moderated by

**Kenneth Roth**, Executive Director, Human Rights Watch, USA



Thursday 19 January

16.30 - 17.00

Congress Centre - Mixed Reality Space

327 mixed reality 9

## Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

16.30 - 18.00

Congress Centre - IdeasLab

325 princeton/climate change

## Responding to Climate Change with Princeton University

Discover new ideas and insights with leading researchers in the IdeasLab.

- Using probabilistic modelling to respond effectively to sea-level rise, storm and flood risk
- Interweaving ecology and architecture for integrated disaster management
- Analysing impacts of air-quality policies on health and climate change
- Leveraging artificial photosynthesis to repurpose carbon dioxide into fuel

Introduced by

**Christopher L. Eisgruber**, President, Princeton University, USA

Discussion Leaders

**Emily Carter**, Dean, School of Engineering and Applied Science; Gerhard R. Andlinger Professor in Energy and the Environment, Princeton University, USA

**Denise Mauzerall**, Professor of Environmental Engineering and International Affairs, Princeton University, USA

**Guy Nordenson**, Professor of Structural Engineering and Architecture, Princeton University, USA

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

Facilitated by

**Philip Campbell**, Editor-in-Chief, Nature, United Kingdom

16.30 - 17.15

The Loft - Agora

326 loft/digital government

## The Digital Government

From big data to crowd-sourced expertise, how can governments use agile tools to reconnect to those with whom they have lost connection?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Andy Freire**, Minister of Modernization, Innovation and Technology of the City of Buenos Aires, Argentina; Young Global Leader Alumnus

**Beth Simone Noveck**, Professor; Director, Governance Lab, Yale University, USA

**Ricken Patel**, Executive Director, Avaaz.org, USA; Young Global Leader

Facilitated by

**Ngairé Woods**, Dean, Blavatnik School of Government, University of Oxford, United Kingdom



Thursday 19 January

16.30 - 17.30

Congress Centre - Salon

### 318 bias in healthcare

## Breaking the Bias in Healthcare

New research is changing our understanding of how gender and ethnicity influence health. How would healthcare change if we truly accounted for our genetic and social diversity?

Dimensions to be addressed:

- New perspectives on gender and ethnicity
- Redefining women's health
- Addressing bias in research studies and databases

**Nancy Brown**, Chief Executive Officer, American Heart Association, USA

**Thomas Kariuki**, Director, African Academy of Sciences, Kenya

**Eric Vilain**, Professor of Human Genetics, Pediatrics and Urology; Director, Center for Gender-Based Biology, David Geffen School of Medicine at UCLA, USA

Moderated by

**Mark Henderson**, Director, Communications, Wellcome Trust, United Kingdom

16.30 - 17.30

Congress Centre - Aspen 1

### 322 ending corruption

## Ending Corruption: The Recovery of Trust

Corruption foments distrust of leaders and public institutions, yet 40% of chief executives do not consider it a top priority. How can leaders fight corruption more decisively and effectively?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

Introduced by

**Pedro Rodrigues de Almeida**, Head of Basic Industries, Member of the Executive Committee, World Economic Forum

**David Cruickshank**, Global Chairman, Deloitte, United Kingdom

**Michel Sapin**, Minister of Economy and Finance of France

**Vijay Shekhar Sharma**, Founder and Chief Executive Officer, Paytm, India

**Guy Standing**, Research Professor in Development Studies, University of London, United Kingdom

**Cobus de Swardt**, Managing Director, Transparency International, Germany

Moderated by

**Rana Foroohar**, Global Business Columnist and Associate Editor, Financial Times, USA



16.30 - 17.30

Congress Centre - Sanada

### 324 humanitarian crisis

## Redesigning Humanitarian Action: Beyond the Crisis

Current humanitarian response no longer matches the reality of protracted conflict and large-scale displacement. What platforms and leadership commitments are required to enact better and sustainable humanitarian solutions?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Frank Appel**, Chief Executive Officer, Deutsche Post DHL, Germany

**Ajay S. Banga**, President and Chief Executive Officer, Mastercard, USA

**Filippo Grandi**, United Nations High Commissioner for Refugees, Geneva

**Peter Maurer**, President, International Committee of the Red Cross (ICRC), Geneva

Moderated by

**Philipp Rösler**, Head, Regional and Government Engagement, Member of the Managing Board, World Economic Forum



Thursday 19 January

16.30 - 17.45

Congress Centre - xChange

321 decisions

## Maximizing Decisions

From activist investors to technological disruptors, chief executives are expected to make big decisions in complex situations. How can science-based approaches and applications help leaders cope?

Dimensions to be addressed:

- Neuroscience of bias and decision-making
- Economic modelling and optimizing trade-offs
- Big data forecasting and artificial intelligence

Introduced by

**Molly Crockett**, Associate Professor of Experimental Psychology, University of Oxford, United Kingdom

**Philip Tetlock**, Leonore Annenberg University Professor in Democracy and Citizenship, Wharton School, University of Pennsylvania, USA

**Mitch Barns**, Chief Executive Officer, Nielsen, USA

**Tonye Cole**, Co-Founder and Chief Executive Officer, Sahara Group, Nigeria

**Ilene S. Gordon**, Chairman, President and Chief Executive Officer, Ingredion, USA

**Peter T. Grauer**, Chairman, Bloomberg, USA

Moderated by

**Linda A. Hill**, Wallace Brett Donham Professor of Business Administration, Harvard Business School, USA

16.30 - 17.30

Congress Centre - Aspen 2

319 business insider/fintech

## The Global Fintech Revolution

With Asia attracting half of global fintech investment, what trends are driving this global next-generation financial system?

This session was developed in partnership with Business Insider.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**David Craig**, President, Financial and Risk, Thomson Reuters, United Kingdom

**Francisco González**, Group Executive Chairman, Banco Bilbao Vizcaya Argentaria (BBVA), Spain

**Eric Jing**, Chief Executive Officer, Ant Financial Services Group, People's Republic of China

**Dan Schulman**, Chief Executive Officer, PayPal, USA

**Cecilia Skingsley**, Deputy Governor, Swedish Central Bank (Sveriges Riksbank), Sweden

Moderated by

**Henry Blodgett**, Chief Executive Officer and Editor-in-Chief, Business Insider, USA



16.30 - 17.30

Congress Centre - Atelier

320 dealing with loss

## Theatre Workshop: Dealing with Loss

Theatre artist and clown Sabine Choucair works with Syrian refugees in Lebanon to help them tell their own life stories of loss and renewal. Join this workshop to experience a process of empowerment through storytelling.

Facilitated by

**Sabine Choucair**, Clown and Storyteller, Clown Me In, Lebanon

Thursday 19 January

16.45 - 17.15

Congress Centre - Global Situation Space

328 gss/pandemic 3

## Pandemics: The Big Picture

From Ebola and Zika to obesity, embark on a visual exploration that reveals the global spread of pandemics now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Peter Piot**, Director and Professor of Global Health, London School of Hygiene and Tropical Medicine, United Kingdom

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



16.45 - 17.15

Congress Centre - Science Hub

329 science hub/influencing

## Ask About: The Science of Influencing

Explore the cognitive basis of attempting to influence others.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Bahador Bahrami**, Senior Research Associate, Institute of Cognitive Neuroscience, University College London (UCL), United Kingdom

16.45 - 18.00

Congress Centre - Jakobshorn

330 sustainable finance

## Finance for Change

How can the recent stream of sustainable financial services set the path to equitable and green growth?

Dimensions to be addressed:

- Incorporating environmental and social factors into long-term wealth strategies
- Shifting investments towards cleaner industries and companies
- Scaling products and services for broader impact

**Oliver Bäte**, Chief Executive Officer, Allianz, Germany

**Frédéric Oudéa**, Chief Executive Officer, Société Générale, France

**Sandra Wu Wen-Hsiu**, Chairperson and Chief Executive Officer, Kokusai Kogyo, Japan

Moderated by

**Achim Steiner**, Director, Oxford Martin School, University of Oxford, United Kingdom

Thursday 19 January

17.00 - 17.30

Media Village - Issue Briefing Room

333 issue briefing/sixth extinction

## The Sixth Great Extinction

One-third of all species in the wild are under threat of extinction. Can humans survive the Sixth Great Extinction?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Patrick Brown**, Chief Executive Officer and Founder, Impossible Foods, USA  
**Marco Lambertini**, Director-General, WWF International, Switzerland

Moderated by

**Dominic Kailash Nath Waughray**, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum



17.30 - 18.00

The Loft - Hub B

334 loft/bodmer 3

## High Points of Civilization: A Digital Journey

Discover through 3D digitization some of the original manuscripts and other treasures of humanity that reveal major markers of civilization and hidden cultural linkages.

Developed in partnership with the Fondation Martin Bodmer

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Jacques Berchtold**, Director, Fondation Martin Bodmer, Switzerland



17.45 - 18.15

Congress Centre - Humanitarian Hub

310 humanitarian hub/actionable data

## Making Data Actionable

How can data be optimally accessed and verified for on-target humanitarian response?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Stephen O'Brien**, Undersecretary-General for Humanitarian Affairs and Emergency Relief Coordinator, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), New York

**Lilianne Ploumen**, Minister for Foreign Trade and Development Cooperation of the Netherlands

Thursday 19 January

17.45 - 18.15

Congress Centre - Science Hub

335 science hub/batteries

## Ask About: The Future of Batteries

Explore the science of novel materials for lightweight, long-life battery technologies.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Yang Shao-Horn**, W.M. Keck Professor of Energy, Massachusetts Institute of Technology (MIT), USA

18.00 - 19.00

Congress Centre - Aspen 1

336 artists on the frontlines

## Artists on the Frontlines: Fighting the Taliban with Music

Challenging international stereotypes of Afghanistan and empowering young women to follow their passion in the face of adversity is all in a day's work for the members of "Zohra", Afghanistan's first all-female orchestra.

Join a discussion with founder Ahmad Sarmast and conductors Negin Khpulwak and Zarifa Adiba to be inspired by the undying dream of a group of women to become leaders and role models through music.

This session will be livestreamed on TopLink and the Forum website.

**Zarifa Adiba**, Conductor, Zohra Orchestra, Afghanistan National Institute of Music (ANIM), Afghanistan

**Negin Khpulwak**, Conductor, Zohra Orchestra, Afghanistan National Institute of Music (ANIM), Afghanistan

**Ahmad Sarmast**, Founder, Afghanistan National Institute of Music (ANIM), Afghanistan

Moderated by

**Joanne Lipman**, Editor-in-Chief, USA Today Network, USA



18.00 - 19.00

Congress Centre - Congress Hall

441 state-building

## The Twin Challenge of State-Building: Growth and Security

How can the public and private sectors work together to ensure political stability and economic growth in fragile environments?

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Rached Ghannouchi**, Leader, Ennahda Party

Moderated by

**Hadley Gamble**, Reporter and Anchor, CNBC, United Kingdom



Thursday 19 January

18.00 - 19.00

Congress Centre - Aspen 2

337 ft/protectionism

## Protectionism: Back to the Future?

With current and future trade agreements in question, and business and development impact paramount, is the world heading towards a new wave of protectionism?

Dimensions to be addressed:

- Beyond regional trade agreements
- Facilitating global flows
- Global investment and services

This session was developed in partnership with the Financial Times.

This session will be livestreamed on TopLink and on the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**David Abney**, Chairman and Chief Executive Officer, UPS, USA

**Roberto Azevêdo**, Director-General, World Trade Organization (WTO), Geneva

**David M. Cote**, Chairman and Chief Executive Officer, Honeywell International, USA

**Cecilia Malmström**, Commissioner, Trade, European Commission, Brussels

**Min Zhu**, President, National Institute of Financial Research, People's Republic of China

Moderated by

**Gillian R. Tett**, Managing Editor, US, Financial Times, USA



18.00 - 19.00

Congress Centre - Sanada

338 yahoo/next frontier

## Industry's Next Frontier

From greenhouse gas emissions to plastics pollution, our industrial paradigm is unsustainable. How can technology be harnessed to pioneer new models of production and consumption?

Dimensions to be addressed:

- Internet enabled systems of sharing
- Zero waste industrial-scale production
- Clean energy ramp-up

This session was developed in partnership with Yahoo.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Peter Agnefjäll**, Chief Executive Officer, IKEA Group, Netherlands

**Privahini Bradoo**, Co-Founder and Chief Executive Officer, BlueOak, USA; Young Global Leader

**Paul Kagame**, President of the Republic of Rwanda

**Jean-Pascal Tricoire**, Chairman and Chief Executive Officer, Schneider Electric, France

**Devin Wenig**, President and Chief Executive Officer, eBay, USA; Young Global Leader Alumnus

Moderated by

**Andy Serwer**, Editor-in-Chief, Yahoo Finance News, USA



18.30 - 20.00

Open Forum - Swiss Alpine High School - Auditorium

339 open forum/bridging generations

## Bridging Generational Differences

Life expectancy in Switzerland is one of the highest in the world – and 54% of the Swiss population is older than 40 years. As a consequence of this demographic shift, the younger generation risks living in a world decided by the older generation. How can we bridge the expectations of different generations to create a shared vision for the future?

Dimensions to be addressed:

- New models of intergenerational exchange
- Encouraging the participation of youth in democratic processes
- Leveraging technologies and digital platforms across generations

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

**Giannina Caviezel**, Founder, Student Impact, Switzerland; Global Shaper

**Keyvan Ghavami**, Co-Founder and President, Act On Your Future, Switzerland; Global Shaper

**Doris Leuthard**, President of the Swiss Confederation 2017 and Federal Councillor of the Environment, Transport, Energy and Communications of Switzerland

Moderated by

**Stephan Klapproth**, Senior News Anchor, Swiss Television SRF, Switzerland



Thursday 19 January

20.00 - 22.00

Central Sporthotel - Säumerstube

341 asean at 50

## ASEAN at 50: What's Next?

The Association of Southeast Asian Nations (ASEAN) celebrates its 50th anniversary this year. Join leaders from the region and elsewhere in a dialogue on the next chapter of sustainable competitiveness and social progress for ASEAN.

### Opening Remarks by

**Nguyen Xuan Phuc**, Prime Minister of Viet Nam

### With

**Apiradi Tantraporn**, Minister of Commerce of Thailand

**Vivian Balakrishnan**, Minister for Foreign Affairs and Minister in Charge of the Smart Nations Initiative of Singapore

**Thomas Trikasih Lembong**, Chairman, Indonesia Investment Coordinating Board (BKPM), Indonesia; Young Global Leader  
**Ramon Lopez**, Secretary of Trade and Industry of the Philippines

**Mustapa Mohamed**, Minister of International Trade and Industry of Malaysia

**Nguyen Xuan Cuong**, Minister of Agriculture and Rural Development of Vietnam

**Pan Sorasak**, Minister of Commerce of Cambodia

**Mari Elka Pangestu**, Professor of International Economics, University of Indonesia, Indonesia

**Sathasivam Subramaniam**, Minister of Health of Malaysia

**Sun Chanthol**, Senior Minister; Minister of Public Works and Transport of Cambodia

**Madius Tangau**, Minister of Science, Technology and Innovation of Malaysia

**Tran Tuan Anh**, Minister of Industry and Trade of Viet Nam

**George Yeo**, Visiting Scholar, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore

### Discussion Leaders

**Sigve Brekke**, President and Chief Executive Officer, Telenor Group, Norway

**Kishore Mahbubani**, Dean, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore

**Nick Nash**, Group President, Garena, Singapore

**Shahril Shamsuddin**, President and Group Chief Executive Officer, SapuraKencana Petroleum, Malaysia

**Patrick Walujo**, Co-Founder, Managing Partner and Member of the Investment Committee, Northstar Advisors, Indonesia

### Moderated by

**James Harding**, Director, News and Current Affairs, BBC News, United Kingdom

### Closing Remarks by

**Samdech Techo Hun Sen**, Prime Minister of the Kingdom of Cambodia



20.00 - 22.00

Turmhotel Victoria - Victoria

342 co-design/security

## Securing Our Future

"It is when we all play safe that we create a world of utmost insecurity."

– Dag Hammarskjöld

How can global actors exercise responsive and responsible leadership to stabilize an international security system threatened by unilateral and short-term thinking?

This dinner was developed in partnership with the Munich Security Conference.

### Discussion Leaders

**Federica Mogherini**, High Representative of the European Union for Foreign Affairs and Security Policy; Vice-President of the European Commission, Brussels

**Salil Shetty**, Secretary-General, Amnesty International, United Kingdom

### Moderated by

**Wolfgang Ischinger**, Chairman, Munich Security Conference, Germany



20.00 - 22.00

Hotel InterContinental -  
Turmalin/Adular/Quarz

344 love

## Where Is the Love?

"To approach the stranger is to invite the unexpected, release a new force, let the genie out of the bottle."

– T. S. Eliot

In times of heightened insecurity and mistrust of the "other", how can we find the courage to invite those who are different from us into our lives?

This dinner has been inspired by will.i.am and the #WhereIsTheLove campaign.

### With

**Abeer Odeh**, Minister of National Economy of the Palestinian Authority, Palestinian Territories

**Hindou Oumarou Ibrahim**, Coordinator, Association for Indigenous Women and Peoples of Chad (AFPAT), Chad

**Matthieu Ricard**, Founder, Karuna-Shechen, France

**Kim Samuel**, Director, Samuel Group of Companies, Canada

### Special Remarks by

**William Adams**, Founder and President, i.am.angel Foundation, USA

### Moderated by

**Sanford Climan**, President, Entertainment Media Ventures (EMV), USA





Thursday 19 January

20.00 - 22.00

Hotel InterContinental - Lilie/Aster

346 multi-faith ceremony and dinner

## Values of a Leader

With the heart and soul at the centre, what informs the values of a leader?

Start the evening with a multi-faith candle-lighting ceremony reflecting hope for humanity. After the ceremony, join this dinner with spiritual leaders to reflect on the foundations of ethics and the sources of one's moral compass.

The dinner will begin at 20.00.

With

**Swami Agnivesh**, President Emeritus, World Council of Arya Samaj, India

**Abdallah bin Bayyah**, President, Forum for Promoting Peace in Muslim Societies, United Arab Emirates

**Bani Dugal**, Principal Representative, Bahá'í International Community's United Nations Office, New York

**Pinchas Goldschmidt**, Chief Rabbi and President, Conference of European Rabbis, Russian Federation

**Ahmad Irvani**, President and Executive Director, Center for the Study of Islam and the Middle East (CSIME), USA

**Suzanne Matala**, General Secretary, Council of Churches in Zambia, Zambia

**Matthieu Ricard**, Founder, Karuna-Shechen, France

**Karen I. Tse**, Chief Executive Officer, International Bridges to Justice, Switzerland

**Jim Wallis**, President and Founder, Sojourners, USA

**Hamza Yusuf Hanson**, President, Zaytuna College, USA

Special Remarks by

**Rached Ghannouchi**, Leader, Ennahda Party

Moderated by

**Francis S. Collins**, Director, National Institutes of Health, USA



20.00 - 22.00

Kongress Hotel - Restaurant

347 nobel laureates/economics

## The State of the World with Nobel Laureates in Economics

"The expected never happens; it is the unexpected always."

– John Maynard Keynes

Join an informal conversation with Nobel Laureates on the economic imperatives for 2017.

Discussion Leaders

**Angus Deaton**, Dwight D. Eisenhower Professor of International Affairs, Emeritus.

Professor of Economics and International Affairs, Emeritus. Senior Scholar, Princeton University, USA

**Christopher Pissarides**, Regius Professor of Economics, London School of Economics and Political Science, United Kingdom

**Robert J. Shiller**, Sterling Professor of Economics, Yale University, USA

**Joseph E. Stiglitz**, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by

**Zanny Minton Beddoes**, Editor-in-Chief, The Economist, United Kingdom



20.00 - 22.00

Hotel Derby - Fluela 1 + 2

348 nobel laureates/science

## Improving the State of the World with Nobel Laureates in Science

"The saddest aspect of life right now is that science gathers knowledge faster than society gathers wisdom."

– Isaac Asimov

Join Nobel Prize winners for an informal conversation on how science can foster and promote a more secure, peaceful and prosperous world.

Discussion Leaders

**Elizabeth Blackburn**, President, Salk Institute for Biological Studies, USA

**F. Duncan Haldane**, Eugene Higgins Professor of Physics, Princeton University, USA

**Brian Schmidt**, Vice-Chancellor, Australian National University, Australia

Moderated by

**Joe Palca**, Science Correspondent, NPR, USA



Thursday 19 January

20.00 - 22.00

Hotel Derby - Fluela 3

349 visioneering the future

## Visioneering the Future

"The best way to predict the future is to create it."

– Peter Drucker

Join leading innovators, entrepreneurs, technologists and artists to discuss the next frontiers of innovation.

### Discussion Leaders

**Ron Cao**, Founder and Managing Director, Sky9 Capital, People's Republic of China; Young Global Leader

**Eric David**, Co-Founder and Chief Strategy Officer, Organovo, USA; Technology Pioneer

**Imogen Heap**, Chief Executive Officer, Mycelia, United Kingdom

**Joichi Ito**, Director, Media Lab, Massachusetts Institute of Technology, USA

**Demet Mutlu**, Founder and Chief Executive Officer, Trendyol.com, Turkey; Young Global Leader

### Moderated by

**Valerie Casey**, Founder and Executive Director, The Designers Accord, USA; Young Global Leader



20.00 - 22.00

Hotel Sunstar Alpine - Jacobshorn

418 mena reforms

## Accelerating Economic Reforms in the Middle East and North Africa

Join a strategic dialogue on priorities and best practices for structural reform in the region.

This session was prepared in collaboration with the Forum's Regional Business Council and Regional Strategy Group on the Middle East and North Africa.

### Introduced by

**Mirek Dusek**, Head of Middle East and North Africa, Member of the Executive Committee, World Economic Forum

**Imad Najib Fakhoury**, Minister of Planning and International Cooperation of the Hashemite Kingdom of Jordan

**Johannes Hahn**, Commissioner, European Neighbourhood Policy and Enlargement Negotiations, European Commission, Brussels

**Majid Jafar**, Chief Executive Officer, Crescent Petroleum, United Arab Emirates; Young Global Leader

**Sahar Nasr**, Minister of International Cooperation of Egypt

**Zayed Al Zayani**, Minister of Industry and Commerce of Bahrain

### Special Remarks by

**Turki Al Faisal Al Saud**, Chairman, King Faisal Center for Research and Islamic Studies, Saudi Arabia

### Moderated by

**John Defterios**, Editor, Emerging Markets; Anchor, CNNMoney, United Arab Emirates



20.00 - 22.00

Congress Centre - Casanna

421 global goals

## Global Goals: The Road to 2030

"The most effective way to do it is to do it."

– Amelia Earhart

Explore the breakthrough models that will drive forward the 2030 Agenda for Sustainable Development.

The menu has been designed with ingredients that would otherwise go to waste for various reasons, but not because they are inedible.

This session is related to Forum System Initiatives.

### Introduced by

**Richard Samans**, Head of the Centre for the Global Agenda, Member of the Managing Board, World Economic Forum

### With

**Daniel Kablan Duncan**, Prime Minister of Côte d'Ivoire

**Erna Solberg**, Prime Minister of Norway

### Discussion Leaders

**Kurt Bock**, Chairman of the Board of Executive Directors, BASF, Germany

**Helen Hai**, Goodwill Ambassador, United Nations Industrial Development Organization (UNIDO), Shanghai; Young Global Leader

**Frans van Houten**, President and Chief Executive Officer, Royal Philips, Netherlands; Co-Chair of the World Economic Forum Annual Meeting 2017

**Gavin E.R. Wilson**, Chief Executive Officer, IFC Asset Management Company, USA

### Moderated by

**Celine Herweijer**, Partner, PwC, United Kingdom; Young Global Leader



## Friday 20 January

08.15 - 08.45

Congress Centre - Atelier

### 355 mindfulness meditation 3

## Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start the day with Buddhist monk Matthieu Ricard to learn and experience the benefits of meditation.

#### Led by

**Matthieu Ricard**, Founder, Karuna-Shechen, France

08.30 - 12.20

Rinerhorn Mountain - Base Camp

### 350 base camp/peak performance 2

## Reaching Peak Performance

Rising to the top requires performing under intense personal pressure. Join physician Luke Bennett, who works with Formula 1 world champions, Olympic-level athletes and top executives, to discover how to enhance your performance potential on this alpine retreat at the Base Camp on nearby Rinerhorn Mountain.

The session timings above include the transport. The shuttle to the Base Camp leaves at 08.30 from the Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle leaves at 11.50 from the bottom of the Rinerhorn cable car station and arrives at the Congress Centre at around 12.20.

#### With

**Luke Bennett**, Director, Medical and Sports Performance, Hints Performance, Switzerland  
**Mika Häkkinen**, F1 World Champion, Finland  
**Nico Rosberg**, F1 World Champion, Germany

#### Facilitated by

**Linda A. Hill**, Wallace Brett Donham Professor of Business Administration, Harvard Business School, USA



09.00 - 10.00

Congress Centre - Arena

### 353 cyber war

## Cyber War

From attacks on critical infrastructure to attempts at sabotage of political processes, has the first cyber war already begun?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Thomas E. Donilon**, Vice-Chair, O'Melveny & Myers LLP, USA

**Michael Gregoire**, Chief Executive Officer, CA Technologies, USA

**Shirley Ann Jackson**, President, Rensselaer Polytechnic Institute (RPI), USA

**Moisés Naím**, Distinguished Fellow, Carnegie Endowment for International Peace, USA

#### Moderated by

**David Rothkopf**, Chief Executive Officer and Editor, Foreign Policy Group, USA



## Friday 20 January

09.00 - 10.00

Congress Centre - BetaZone

352 [betazone/future of travel](#)

### Around the World and Beyond

Explore how unquenchable curiosity shapes how we discover the Earth and beyond with solar flight pilot Bertrand Piccard and space travel pioneer George Whiteside.

**Bertrand Piccard**, Initiator; Chairman and Pilot, Solar Impulse, Switzerland

**George Whitesides**, Chief Executive Officer, Virgin Galactic, USA

Moderated by

**Mariette DiChristina**, Editor-in-Chief, Scientific American, USA

09.00 - 09.30

Congress Centre - Mixed Reality Space

356 [mixed reality 10](#)

### Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

09.00 - 10.15

Hilton Garden Inn - -

358 [refugee experience 10](#)

### A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



Friday 20 January

09.00 - 09.30

Congress Centre - Science Hub

413 science hub/air pollution

## Ask About: Air Pollution

Explore how science can inform the development of farsighted air quality policies to improve human health and agriculture and mitigate climate change.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Denise Mauzerall**, Professor of Environmental Engineering and International Affairs, Princeton University, USA

09.00 - 10.15

Congress Centre - IdeasLab

354 eth/creativity

## Engineering Creativity with ETH Zurich

Discover new ideas and insights with leading researchers in the IdeasLab.

- Revolutionizing the way we build via digital fabrication technologies
- Humanizing robotic vision as a first step towards creative interaction
- Achieving the full potential of 3D and 4D printing through computational design

Introduced by

**Lino Guzzella**, President and Professor, ETH Zurich, Switzerland

Discussion Leaders

**Margarita Chli**, Assistant Professor, ETH Zurich, Switzerland

**Benjamin Dillenburger**, Assistant Professor for Digital Building Technologies, ETH Zurich, Switzerland

**Kristina Shea**, Professor, Engineering Design and Computing, ETH Zurich, Switzerland

Facilitated by

**Mark Vernooij**, Partner, THINK School of Creative Leadership, Netherlands

09.00 - 10.15

Congress Centre - xChange

360 sustainable land use

## Fertile Ground for Sustainable Growth

Feeding a growing population while global temperatures rise will require profound adjustments across agriculture and forest supply chains. Which solutions hold the greatest potential to scale sustainable land use while supporting inclusive rural development?

Dimensions to be addressed:

- Investing third-party funds in scalable projects
- Moving entire jurisdictions to deforestation-free production
- Setting ambitious green-growth plans

This session is related to a System Initiative (Shaping the Future of Food Security and Agriculture and Shaping the Future of Environment and Natural Resource Security).

Introduced by

**Marco Albani**, Head, Tropical Forest Alliance 2020, World Economic Forum

**Vidar Helgesen**, Minister of Climate and Environment of Norway

**Naoko Ishii**, Chief Executive Officer and Chairperson, Global Environment Facility, USA

**Roberto Jaguaribe**, President, Apex-Brasil (Brazilian Trade and Investment Promotion Agency), Brazil

**Hindou Oumarou Ibrahim**, Coordinator, Association for Indigenous Women and Peoples of Chad (AFPAT), Chad

Moderated by

**Frances Seymour**, Senior Fellow, Center for Global Development, USA



Friday 20 January

09.00 - 09.30

The Loft - Agora

351 agora/bio & neurotech

## World-Changing Technology: Bio and Neurotechnologies

Join global technology leaders for an executive briefing on the state of bio- and neuro-technologies in the context of the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Tan Le**, Founder and Chief Executive Officer, EMOTIV, USA; Young Global Leader

**Sang Yup Lee**, Distinguished Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

**Mark Trudeau**, Chief Executive Officer, Mallinckrodt Pharmaceuticals, USA

Moderated by

**Joe Schoendorf**, Partner, Accel Partners, USA



09.00 - 10.30

Open Forum - Swiss Alpine High School - Auditorium

357 open forum/racism

## The Race against Racism

The rise in hate crimes and racial abuse, activist movements like #BlackLivesMatter and a recent survey revealing that half of Europeans fear the arrival of refugees are all signs of societies becoming more divided. With the continued increase in international migration, what will it take to build more pluralism, tolerance and equality into our communities and societies?

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

**Abdullahi Alim**, Head, Practice, The Lighthouse Strategy, Australia; Global Shaper  
**Yasmína Filali**, Founder and President, Fondation Orient Occident, Morocco; Social Entrepreneur

**William Lacy Swing**, Director-General, International Organization for Migration (IOM), Geneva

Moderated by

**Jim Wallis**, President and Founder, Sojourners, USA



09.15 - 09.45

Congress Centre - Global Situation Space

363 gss/refugee crisis 4

## Refugee Crisis: The Big Picture

From conflict refugees to climate migrants, embark on a visual exploration that reveals the causes and consequences of our refugee crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Filippo Grandi**, United Nations High Commissioner for Refugees, Geneva

**Khalid Koser**, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland

**Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA



Friday 20 January

09.15 - 10.15

Congress Centre - Aspen 1

362 global science outlook

## Global Science Outlook

What are the top issues on the global science agenda and how will they be addressed in the year ahead?

This session will be livestreamed on TopLink and the Forum website.

**Marc N. Casper**, President and Chief Executive Officer, Thermo Fisher Scientific, USA

**France A. Córdova**, Director, National Science Foundation (NSF), USA

**Fabiola Gianotti**, Director-General, European Organization for Nuclear Research (CERN), Geneva

**Ameenah Gurib-Fakim**, President of the Republic of Mauritius

**Sung-Mo Steve Kang**, President, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

Moderated by

**Philip Campbell**, Editor-in-Chief, Nature, United Kingdom



09.15 - 10.15

Congress Centre - Aspen 2

364 shifting to driverless

## Shifting Gears to Driverless

As the driverless revolution approaches, how will notions of ownership, productivity and ethics change?

This session will be livestreamed on TopLink and the Forum website.

**Carlos Ghosn**, Chairman and Chief Executive Officer, Renault-Nissan Alliance, France

**Paul E. Jacobs**, Executive Chairman, Qualcomm, USA

**Wendell Wallach**, Scholar, Interdisciplinary Center for Bioethics, Yale University, USA

Moderated by

**Alan Murray**, Chief Content Officer, Time, USA



09.15 - 10.15

Congress Centre - Sanada

365 wsj/britain and the eu

## Britain and the EU: The Way Forward

What is the new vision for the United Kingdom and Europe after the UK leaves the European Union?

Dimensions to be addressed:

- Defining the EU-UK relationship
- Pivoting growth and investment strategies
- Managing global and EU immigration

This session was developed in partnership with the Wall Street Journal.

This session will be livestreamed on TopLink and the Forum website. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**Philip Hammond**, Chancellor of the Exchequer of the United Kingdom

**Jes Staley**, Chief Executive Officer, Barclays, United Kingdom

**Ngairé Woods**, Dean, Blavatnik School of Government, University of Oxford, United Kingdom

Moderated by

**Thorold Barker**, Editor, Europe, Middle East and Africa, Wall Street Journal, United Kingdom



Friday 20 January

09.30 - 10.00

Congress Centre - Health Hub

366 health hub/nutrition

## Ask About: Nutrition

From traditional cuisine to popular fad diets and extreme hunger to morbid obesity, nutrition plays an important role in health and well-being. Come to the Health Hub for a conversation on the latest research on nutrition with expert Marion Nestle.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Marion Nestle**, Professor, New York University, USA

09.30 - 10.45

Congress Centre - Jakobshorn

361 financial inclusion

## Financial Inclusion in the Digital Economy

Big data and machine learning have unlocked innovative models for financial inclusion. How can these technologies be scaled to serve the 2 billion who are still outside the formal financial system?

This session is related to a System Initiative (Shaping the Future of Financial and Monetary Systems).

Introduced by

**Matthew Blake**, Head of Financial and Monetary Systems, Member of the Executive Committee, World Economic Forum

**Signe Brekke**, President and Chief Executive Officer, Telenor Group, Norway

**Thomas Buberl**, Chief Executive Officer, AXA; Young Global Leader

**Kristalina Georgieva**, Chief Executive Officer, World Bank, Washington DC

**Mauricio Minas**, Executive Vice-President, Banco Bradesco, Brazil

**Patrick Njoroge**, Governor of the Central Bank of Kenya

With

**Anders Borg**, Chair, Global Financial System Initiative, World Economic Forum

**Máxima of the Netherlands**, Queen of the Netherlands; United Nations Secretary-General's Special Advocate for Inclusive Finance

Moderated by

**Gavin E.R. Wilson**, Chief Executive Officer, IFC Asset Management Company, USA



09.45 - 10.15

The Loft - Hub B

367 tipping point/applied neuroscience

## Tipping Point: Applied Neuroscience

Imagine in 2025 that workers can be monitored for their mood and level of concentration via a combination of behavioural and electromagnetic analysis. How should business, government and civil society prepare for such a future?

Delve into "known unknowns" of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Stéphanie Lacour**, Bertarelli Foundation Chair in Neuroprosthetic Technology; Assistant Professor, School of Engineering, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland; Young Global Leader

**Tali Sharot**, Associate Professor of Cognitive Neuroscience, University College London (UCL), United Kingdom





Friday 20 January

09.45 - 10.15

The Loft - Hub A

368 tipping point/genetic engineering

## Tipping Point: Genetic Engineering

Imagine in 2025 that 95% of genetic diseases can be eliminated in humans by editing the genome of human embryos, and thousands of laboratories around the world have the ability to enhance the favourable characteristics of plants and animals at extremely low cost. How should business, government and civil society prepare for such a future?

Delve into “known unknowns” of the Fourth Industrial Revolution with the Global Future Councils.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Eric Vilain**, Professor of Human Genetics, Pediatrics and Urology; Director, Center for Gender-Based Biology, David Geffen School of Medicine at UCLA, USA



10.00 - 10.30

Congress Centre - Humanitarian Hub

369 humanitarian hub/energy

## Enabling Resilient Energy Access

How can micro-grids provide reliable and renewable energy for humanitarian action?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Claudio Facchin**, President, Power Grids, ABB, Switzerland

**Peter Maurer**, President, International Committee of the Red Cross (ICRC), Geneva

10.00 - 10.30

Congress Centre - Science Hub

371 science hub/inequality

## Ask About: Inequality and Decision-Making

Explore how researchers are decoding how poverty affects cognitive resources for decision-making.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Anandi Mani**, Professor of Behavioral Economics and Public Policy, Blavatnik School of Government, University of Oxford, United Kingdom

Friday 20 January

10.00 - 10.30

Media Village - Issue Briefing Room

370 issue briefing/tolerance

## Tolerance at the Tipping Point?

Globalization and multiculturalism used to be regarded as two sides of the same coin but we are now witnessing a growing backlash against minorities, migrants and refugees. Has humanity reached its peak tolerance?

Simultaneous interpretation in Arabic and English

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Abdallah bin Bayyah**, President, Forum for Promoting Peace in Muslim Societies, United Arab Emirates

**Brendan Cox**, Director, More in Common, United Kingdom; Young Global Leader

**Ratna Omidvar**, Senator of Canada

Moderated by

**Oliver Cann**, Head of Media Content, World Economic Forum



10.30 - 11.00

Congress Centre - Health Hub

373 health hub/asthma

## Ask About: Asthma

Asthma affects 235 million people and is the most common non-communicable disease among children. Come to the Health Hub for a conversation on the latest research on asthma with physician and pulmonary expert Jeffrey M. Drazen.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Jeffrey M. Drazen**, Editor-in-Chief, New England Journal of Medicine, USA

10.45 - 11.15

Congress Centre - Global Situation Space

376 gss/climate crisis 4

## Climate Crisis: The Big Picture

From rampant emissions to rising sea levels, embark on a visual exploration that reveals the causes and consequences of our climate crisis now and through time.

The Global Situation Space combines NASA time-lapse satellite imagery, geospatial data and predictive modelling.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Global Situation Space.

With

**Michael Oppenheimer**, Albert G. Milbank Professor of Geosciences and International Affairs, Woodrow Wilson School of Public and International Affairs, Princeton University, USA

**Johan Rockström**, Executive Director, Stockholm Resilience Centre, Sweden

**Randy Sargent**, Senior Systems Scientist, Carnegie Mellon University, USA



Friday 20 January

10.45 - 12.15

Congress Centre - xChange

378 ocean resources

## Restoring Ocean Resources

Illegal, unregulated and unreported fishing results in annual losses of up to \$24 billion per year. How can companies, governments and technology help to protect our ocean resources?

This session is related to a System Initiative (Shaping the Future of Environment and Natural Resource Security).

[Simultaneous interpretation in English and Mandarin Chinese](#)

[Introduced by](#)

**Dominic Kailash Nath Waughray**, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum

**Ameenah Gurib-Fakim**, President of the Republic of Mauritius

**Douglas McCauley**, Marine Biologist and Assistant Professor, University of California, Santa Barbara, USA

**Frans W. H. Muller**, Deputy Chief Executive Officer, Ahold Delhaize, Netherlands

**Greg Stone**, Executive Vice-President and Chief Scientist for Oceans, Conservation International, USA

**Jeffrey R. Tarr**, President and Chief Executive Officer, DigitalGlobe, USA

**Peter Thomson**, President of the United Nations General Assembly, New York

**Wu Hougang**, Chairman and President, Zonoco Group, People's Republic of China

[With](#)

**Naoko Ishii**, Chief Executive Officer and Chairperson, Global Environment Facility, USA

**Marco Lambertini**, Director-General, WWF International, Switzerland

**Jennifer Morgan**, Executive Director, Greenpeace International, Netherlands

[Moderated by](#)

**Jim Leape**, Consulting Professor, Woods Institute for the Environment, Stanford University, USA



10.45 - 11.15

The Loft - Agora

375 agora/bio & neurotech governance

## Governing Disruption: Bio and Neurotechnologies

Which societal values are being challenged by biotechnologies and neurotechnologies, and how might we design new technologies or institutions to address these ethical dilemmas?

Join experts for a Socratic dialogue on the future of governance in the Fourth Industrial Revolution.

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

[The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.](#)

[With](#)

**Tim Fell**, Chief Executive Officer, Synthace, United Kingdom

**Stéphanie Lacour**, Bertarelli Foundation Chair in Neuroprosthetic Technology; Assistant Professor, School of Engineering, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland; Young Global Leader

[Facilitated by](#)

**Wendell Wallach**, Scholar, Interdisciplinary Center for Bioethics, Yale University, USA



10.45 - 11.45

Congress Centre - Sanada

374 syria & iraq

## Syria and Iraq: Ending the Conflict

In the face of shifting regional alliances and ongoing conflict, what are possible scenarios for ending the conflict and rebuilding stability in the region?

[Simultaneous interpretation in English and Arabic](#)

[This session will be livestreamed on TopLink and the Forum website.](#)

**Jabar Ali Al Luaibi**, Minister of Oil of Iraq



Friday 20 January

10.45 - 11.45

Congress Centre - Aspen 1

387 asia security

## A New Security Framework for Asia

Amid rising tensions and shifting balances, what are the strategic options for a new security framework in Asia?

Dimensions to be addressed:

- ASEAN-based frameworks
- The United States alliance system
- A China-centric system
- Expanded framework: Indo-Pacific

[This session will be livestreamed on TopLink and the Forum website.](#)

**Vivian Balakrishnan**, Minister for Foreign Affairs and Minister in Charge of the Smart Nations Initiative of Singapore

**Yoichi Funabashi**, Chairman, Rebuild Japan Initiative Foundation (RJIF), Japan

**Lee Geun**, Professor of International Relations, Graduate School of International Studies; Vice-President and Dean, Office of International Affairs, Seoul National University, Republic of Korea

**Lin Boqiang**, Dean, China Institute for Studies in Energy Policy, Xiamen University, People's Republic of China

**Luhut B. Pandjaitan**, Coordinating Minister for Maritime Affairs of Indonesia

Moderated by

**Gideon Rachman**, Associate Editor and Chief Foreign Affairs Commentator, Financial Times, United Kingdom



10.45 - 11.15

Congress Centre - Aspen 2

152 insight/haldane

## An Insight, An Idea with Duncan Haldane

A conversation with Duncan Haldane, the 2016 Nobel Laureate in Physics, on his journey of profound discovery of exotic states of matter

[This session will be livestreamed on TopLink and the Forum website.](#)

**F. Duncan Haldane**, Eugene Higgins Professor of Physics, Princeton University, USA

Interviewed by

**Mariette DiChristina**, Editor-in-Chief, Scientific American, USA



11.00 - 12.00

Congress Centre - Arena

380 life expectancy

## Raising Life Expectancy and Expectations

Even in advanced economies, one-third of deaths that occur could be prevented with existing knowledge. How can we leverage both current know-how and frontier innovation to increase the length and quality of people's lives across the globe?

Dimensions to be addressed:

- Accessing essential and revolutionary medicine
- Translating frontier knowledge for front-line care
- Precision public health

[This session will be livestreamed on TopLink and the Forum website.](#)

**Angus Deaton**, Dwight D. Eisenhower Professor of International Affairs, Emeritus. Professor of Economics and International Affairs, Emeritus. Senior Scholar, Princeton University, USA

**Vincent A. Forlenza**, Chairman, Chief Executive Officer and President, Becton, Dickinson and Company, USA

**Kenneth C. Frazier**, Chairman and Chief Executive Officer, MSD, USA

**Saira Afzal Tarar**, Minister of State for National Health Services, Regulations and Coordination of Pakistan

Moderated by

**Atul Gawande**, Executive Director, Ariadne Labs; Surgeon, Brigham and Women's Healthcare, USA



Friday 20 January

11.00 - 11.30

Congress Centre - Science Hub

381 science hub/modelling life expectancy

## Ask About: Precision Modelling of Life Expectancy

Explore how researchers are developing high-performance computing models to predict how public policies could impact population life expectancy.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Katharina Hauck**, Senior Lecturer in Health Economics, Imperial College London, United Kingdom

11.00 - 12.15

Congress Centre - Jakobshorn

377 healthy food systems

## Advancing Healthy Food Systems

According to the Food and Agriculture Organization, extreme hunger and morbid obesity are costing the global economy up to \$3.5 trillion per year. How can the health and agriculture industries work together to end malnutrition?

This session is related to a System Initiative (Shaping the Future of Food Security and Agriculture and Shaping the Future of Health and Healthcare).

Introduced by

**Lisa Dreier**, Head of Agriculture and Food Security, Member of the Executive Committee, World Economic Forum

**Paul Bulcke**, Member of the Board of Directors, Nestlé, Switzerland

**Corinna Hawkes**, Professor of Food Policy; Director, Centre for Food Policy, City University London, United Kingdom

**David W. MacLennan**, Chairman and Chief Executive Officer, Cargill, USA

**Gerda Verburg**, United Nations Assistant Secretary-General; Coordinator, Scaling Up Nutrition (SUN) Movement, United Nations, Geneva

Moderated by

**Allison Aubrey**, Correspondent, National Public Radio, USA



11.00 - 11.30

Media Village - Issue Briefing Room

428 issue briefing/financial regulation

## Financial Regulation: The Solution?

Has the regulation that followed the Great Recession future-proofed our global financial system or merely tempted investors to move to riskier, less-regulated asset classes?

The Issue Briefing room is located in the Media Village.

This session will be livestreamed on TopLink and the Forum website.

**Barbara Novick**, Vice-Chairman, BlackRock, USA

**Lawrence H. Summers**, Charles W. Eliot University Professor, Harvard University, USA

Moderated by

**Carmel Crimmins**, Financial Services Editor, Americas, Thomson Reuters, USA



Friday 20 January

11.00 - 12.00

Congress Centre - Congress Hall

379 global economic outlook

## Global Economic Outlook

What lies ahead for the global economy in 2017?

Dimensions to be addressed:

- Growth in a low-rate world
- Future of economic openness
- Roadmap for emerging markets

Simultaneous interpretation in all languages

This session will be livestreamed on TopLink and the Forum website.

**Laurence D. Fink**, Chairman and Chief Executive Officer, BlackRock, USA

**Philip Hammond**, Chancellor of the Exchequer of the United Kingdom

**Haruhiko Kuroda**, Governor of the Bank of Japan

**Christine Lagarde**, Managing Director, International Monetary Fund (IMF), Washington DC

**Wolfgang Schäuble**, Federal Minister of Finance of Germany

Chaired by

**Martin Wolf**, Associate Editor and Chief Economics Commentator, Financial Times, United Kingdom



11.30 - 12.00

Congress Centre - Aerocene Space

382 behind the idea/aerocene 2

## Behind the Artist's Idea: Aerocene

Join Tomás Saraceno to learn about his vision of creating a fossil fuel-free future with **Aerocene**, a project encompassing a series of sculptures as well as a mode of living that removes our dependency on hydrocarbons, batteries and hydrogen.

Located in the Gallery on the Middle Level (0) of the Congress Centre

With

**Tomás Saraceno**, Artist, Studio Tomás Saraceno, Germany



11.30 - 12.00

Congress Centre - Health Hub

383 health hub/cancer

## Ask About: Cancer

Cancer causes an estimated 13% of all deaths worldwide, a figure that is expected to rise over the coming decades. Come to the Health Hub for a conversation on the latest research on cancer with oncologist David B. Agus.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**David B. Agus**, Professor of Medicine and Engineering, Lawrence J. Ellison Institute for Transformative Medicine of USC, USA

Friday 20 January

11.30 - 12.00

Congress Centre - Humanitarian Hub

384 humanitarian hub/connectivity

## Ensuring Connectivity

How can basic internet and mobile connectivity be ensured to allow refugees access to information and services?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Filippo Grandi**, United Nations High Commissioner for Refugees, Geneva

11.30 - 12.00

The Loft - Hub A

385 loft/germline editing policy

## Technology Partnerships: Global Norms on Germline Editing

Thanks to new gene-editing technologies such as CRISPR/Cas9, labs around the world are able to accurately change the inheritable genetic code of humans, animals and plants. What policy interventions and innovative partnerships might be needed to address ethical concerns and manage cross-border flows of the resulting organisms?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**Feng Zhang**, Core Member, Broad Institute of MIT and Harvard, USA; Young Scientist



11.30 - 12.00

The Loft - Hub B

386 loft/neurotech policy

## Technology Partnerships: Neuroscience, Thoughtcrime and Criminality

The combination of machine-learning technologies, advances in neuroscience and behaviour tracking means that what a person intends to do can be detected or predicted before they are conscious of a decision. What policy interventions and innovative partnerships might be needed to ensure we don't punish "thoughtcrime"?

The Loft features lectures, exhibits and technologies that explore the impact of the Fourth Industrial Revolution.

The Loft is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

With

**David Cox**, Assistant Professor, Molecular and Cellular Biology and Computer Science, Harvard University, USA



Friday 20 January

12.00 - 12.30

Congress Centre - Science Hub

388 science hub/climate risk reduction

## Ask About: Climate Risk Reduction

Explore how to interweave ecology and architecture for integrated disaster management.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Guy Nordenson**, Professor of Structural Engineering and Architecture, Princeton University, USA

12.00 - 13.15

Congress Centre - Aspen 2

389 shaping davos/4ir

## Shaping Davos: Pioneering Change in the Fourth Industrial Revolution

How can emerging economies lead the way on embracing the Fourth Industrial Revolution to catalyse sustainable growth and inclusion?

Connecting live to the following cities:

- Bhopal on moving towards digital and agile governance
- Gaborone on implementing progressive technology policies
- Tunis on enabling transparency and accountability
- Yaroslavl on developing the future workforce

This session was developed with the Global Shapers Community, focusing on global issues and local solutions. It is part of a series of live events connecting to 16 cities worldwide.

This session will be livestreamed on TopLink and the Forum website.

**Beth Simone Noveck**, Professor; Director, Governance Lab, Yale University, USA



12.00 - 12.30

Congress Centre - Aspen 1

435 insight/ito

## An Insight, An Idea with Joichi Ito

A conversation with Joichi Ito, entrepreneur and director of the MIT Media Lab, on why science and technology alone will not win in the Fourth Industrial Revolution

This session will be livestreamed on TopLink and on the Forum website.

**Joichi Ito**, Director, Media Lab, Massachusetts Institute of Technology, USA

Interviewed by

**David Kirkpatrick**, Chief Executive Officer, Technomy Media, USA





Friday 20 January

12.30 - 13.45

Hilton Garden Inn - -

394 refugee experience 11

## A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience was developed by the Crossroads Foundation and designed by refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

The Hilton Garden Inn is a two-minute walk from the Congress Centre; please take the Promenade exit and turn right.

As this is a simulation, please arrive on time. Latecomers will not be admitted.



12.30 - 14.00

Open Forum - Swiss Alpine High School - Auditorium

393 open forum/mental health

## Mental Health Matters

Mental health issues are estimated to cost the Swiss economy around CHF 19 billion, equivalent to 3.2% of GDP per year in lost productivity, healthcare and social spending. What can we do now to mitigate the consequences of mental illness?

Simultaneous interpretation in English and German

This session will be livestreamed on TopLink and the Forum website.

**Alain Berset**, Federal Councillor of Home Affairs of Switzerland

**Iris Mauss**, Associate Professor, Department of Psychology, University of California, Berkeley, USA

**Mathieu Ricard**, Founder, Karuna-Shechen, France

**Edith Schippers**, Minister of Health, Welfare and Sport of the Netherlands

Moderated by

**Philip Campbell**, Editor-in-Chief, Nature, United Kingdom



12.30 - 13.45

Morosani Posthotel - Poststube

390 co-design/knowledge frontiers

## Breaking through the Unknown

Addressing the next generation of big questions, from dark matter to curing cancer, will require financial and human resources that exceed any one nation's capacity. How can the global community collaborate to advance the frontiers of knowledge?

Dimensions to be addressed:

- Attracting and retaining top talent
- Amassing and sharing data
- Setting up research infrastructure

This session was developed in partnership with the European Research Council.

Discussion Leaders

**Flemming Besenbacher**, Chairman of the Supervisory Board, Carlsberg, Denmark

**Bernard Charlès**, Vice-Chairman and Chief Executive Officer, Dassault Systèmes, France

**Jean-Pierre Clamadieu**, Chairman and Chief Executive Officer, Solvay, Belgium

**Stefan Oschmann**, Chairman of the Executive Board and Chief Executive Officer, Merck, Germany

**Jacob Wallenberg**, Chairman, Investor, Sweden

Remarks by

**Jean-Pierre Bourguignon**, President, European Research Council, Belgium

**Carlos Moedas**, Commissioner, Research, Science and Innovation, European Commission, Brussels

Moderated by

**Mariette DiChristina**, Editor-in-Chief, Scientific American, USA



Friday 20 January

12.30 - 13.45

Hotel Derby - Fluela 1-2-3

391 co-design/migration dividend

## Realizing the Migration Dividend

How can businesses and governments respond to the short-term challenges of migration to realize its long-term dividend?

This session was developed in partnership with the Global Community Engagement and Resilience Fund and the International Organization for Migration.

### Discussion Leaders

**Mazen S. Darwazeh**, Vice-Chairman; Chief Executive, MENA and Emerging Markets, Hikma Pharmaceuticals, Jordan

**Ratna Omidvar**, Senator of Canada

**William Lacy Swing**, Director-General, International Organization for Migration (IOM), Geneva

**Luca Visentini**, General Secretary, European Trade Union Confederation (ETUC), Belgium

### Moderated by

**Khalid Koser**, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland



12.30 - 13.45

Hotel Cresta Sun - Restaurant

392 eu neighbourhood

## Go East: Strengthening Europe's Neighbours

From high unemployment to geopolitical fault lines, how can a successful EU neighbourhood policy mitigate the sources of tension at its southern and eastern borders?

Dimensions to be addressed:

- Trade and investment incentives
- Accession and partnership policies
- Mobility and education programmes

### Discussion Leaders

**Johannes Hahn**, Commissioner, European Neighbourhood Policy and Enlargement Negotiations, European Commission, Brussels

**Sebastian Kurz**, Federal Minister for Europe, Integration and Foreign Affairs of Austria; Young Global Leader

**Andrej Plenkovic**, Prime Minister of Croatia

**Petro Poroshenko**, President of Ukraine

**Aleksandar Vucic**, Prime Minister of Serbia

### Moderated by

**Elizabeth Piper**, Chief Political Correspondent, Thomson Reuters, United Kingdom



12.30 - 13.45

Morosani Posthotel - Davoserstube

423 social entrepreneurs

## Social Entrepreneurs: Agents of Systems Change

How are social enterprise models evolving beyond solving for immediate social needs to creating lasting system change?

Dimensions to be addressed:

- Distinguishing system change from scale
- Identifying effective pathways and leverage points
- Discerning leadership challenges, skills and competencies

### Introduced by

**Katherine Milligan**, Director, Schwab Foundation for Social Entrepreneurship, Switzerland

### Discussion Leaders

**Alfa Demmellash**, Co-Founder and Chief Executive Officer, Rising Tide Capital, USA; Young Global Leader

**Johanna Mair**, Professor of Organization, Strategy and Leadership, Hertie School of Governance, Germany

**Arbind Singh**, Executive Director, Nidan, India; Social Entrepreneur

**Ned Tozun**, Chief Executive Officer, d.light, USA; Social Entrepreneur

**Sophi Tranchell**, Chief Executive Officer, Divine Chocolate, United Kingdom; Social Entrepreneur

**Viria Vichit-Vadakan**, Director, New Business Development, Learn Education, Thailand; Global Shaper

### Moderated by

**Mark Vernooij**, Partner, THINK School of Creative Leadership, Netherlands



## Friday 20 January

13.00 - 13.30

Congress Centre - Mixed Reality Space

395 mixed reality 11

### Immersive Learning with Holograms

Embark on a guided holographic exploration, from the inner recesses of the human body to the immensity of outer space. Could this be the future of learning? Participants can also visit the Mixed Reality Space outside scheduled session times. Time slots are available every 30 minutes.

This experience was developed in partnership with Case Western University and Microsoft HoloLens.

Located in the Gallery on the Middle Level (0) of the Congress Centre

Please arrive early, as seating is limited in the Mixed Reality Space.

14.00 - 15.00

Congress Centre - Arena

400 future hospitals

### The Hospital of the Future

Tomorrow's technology could turn hospitals into science fiction dreams or make them obsolete. How will the Fourth Industrial Revolution redefine where we care for the ill and injured?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Thomas DeRosa**, Chief Executive Officer, Welltower, USA

**Sean Duffy**, Co-Founder and Chief Executive Officer, Omada Health, USA; Global Shaper

**Elizabeth Nabel**, President, Brigham Health, USA

**Simon Stevens**, Chief Executive Officer, NHS England, United Kingdom

**Shamsheer Vayalil**, Managing Director, VPS Healthcare, United Arab Emirates

Moderated by

**David B. Agus**, Professor of Medicine and Engineering, Lawrence J. Ellison Institute for Transformative Medicine of USC, USA



14.00 - 14.45

Congress Centre - BetaZone

372 betazone/artificial brain 2

### Towards an Artificial Brain

Join neuroscientist David Cox to discover how researchers are bringing artificial intelligence closer to reality by studying what happens inside a rat's brain when it plays video games.

**David Cox**, Assistant Professor, Molecular and Cellular Biology and Computer Science, Harvard University, USA

Moderated by

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA

## Friday 20 January

14.00 - 14.30

Congress Centre - Science Hub

403 science hub/rational choice

### Ask About: The Science of Rational Choice

Explore the limits of rational choice in political and cultural conflict.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Scott Atran**, Director of Research; Co-Founder, Artis International, USA

14.00 - 14.30

Congress Centre - Humanitarian Hub

412 humanitarian hub/coding

### Coding for a Better Future

How can technology education ensure that no one is left behind after crises hit?

Come to the Humanitarian Hub for an informal dialogue on innovative and collaborative solutions to humanitarian challenges. This session is part of a series co-designed with participants via TopLink.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

With

**Eduardo Bontempo**, Co-Founder, Geekie, Brazil; Social Entrepreneur

**Rina Gee Kupferschmid-Rojas**, Global Head, Sustainable Investing; Managing Director, UBS (USA), USA; Young Global Leader

14.00 - 15.15

Congress Centre - IdeasLab

401 mcgill/sustainability

### Shaping a Sustainable World with McGill University

Discover new ideas and insights with leading researchers in the IdeasLab.

- Building resilient cities by restoring connectivity in urban ecosystems
- Precision tracking of agricultural trade to render food systems more sustainable
- Identifying successful socio-ecological initiatives that could produce a better anthropocene

Introduced by

**Suzanne Fortier**, Principal and Vice-Chancellor, McGill University, Canada

Discussion Leaders

**Elena Bennett**, Associate Professor, Department of Natural Resource Sciences, McGill University, Canada; Young Scientist  
**Andrew Gonzalez**, Professor, Canada Research Chair in Biodiversity Science and Director, Quebec Centre for Biodiversity Science, McGill University, Canada  
**Graham MacDonald**, Assistant Professor, Department of Geography, McGill University, Canada

Facilitated by

**Frances Seymour**, Senior Fellow, Center for Global Development, USA

Friday 20 January

14.00 - 15.00

Congress Centre - Atelier

397 davos insights/global collaboration

## Davos Insights: Strengthening Systems for Global Collaboration

How can we build more agile institutions that address global challenges?

Join this collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

**Andrew Fursman**, Chief Executive Officer, 1QB Information Technologies (1QBit), Canada  
**Michael Moller**, Director-General, United Nations Geneva (UNOG), Geneva

**With**

**Naoko Ishii**, Chief Executive Officer and Chairperson, Global Environment Facility, USA

**Facilitated by**

**Ian Goldin**, Professor of Globalization and Development and Senior Fellow, Oxford Martin School, University of Oxford, United Kingdom

14.00 - 15.00

Congress Centre - Salon

398 davos insights/market capitalism

## Davos Insights: Reforming Market Capitalism

How can we rebuild the foundations of capitalism for greater inclusivity?

Join this collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

**Jonathan Haidt**, Professor of Ethical Leadership, Stern School of Business, New York University, USA

**With**

**Alicia Bárcena Ibarra**, Executive Secretary, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago  
**Privahini Bradoo**, Co-Founder and Chief Executive Officer, BlueOak, USA; Young Global Leader

**Martin Burt**, Founder and Chief Executive Officer, Fundación Paraguaya, Paraguay; Social Entrepreneur

**Guy Standing**, Research Professor in Development Studies, University of London, United Kingdom

**Alix Zwane**, Chief Executive Officer, Global Innovation Fund, United Kingdom; Young Global Leader

**Moderated by**

**Edwin Macharia**, Partner, Dalberg Global Development Advisors, Kenya; Young Global Leader

14.00 - 15.00

Congress Centre - Aspen 1

402 maintaining innovation

## Maintaining Innovation

How can a deeper understanding of who innovates and how innovation is maintained provide more inclusive models for future discovery and economic growth?

Dimensions to be addressed:

- Debating the myth of the lone innovator
- Impact of the rise and decline of corporate R&D
- Basic science as the bedrock for innovation

**This session will be livestreamed on TopLink and the Forum website.**

**Alice Gast**, President, Imperial College London, United Kingdom

**W. Patrick McCray**, Professor of History, University of California, Santa Barbara, USA

**L. Rafael Reif**, President, Massachusetts Institute of Technology (MIT), USA

**Martin Stratmann**, President, Max-Planck Institute, Germany

**Moderated by**

**Joe Palca**, Science Correspondent, NPR, USA



Friday 20 January

14.00 - 15.15

Congress Centre - xChange

399 energy game changers

## Energy Game Changers

From smart houses to e-mobility, digital innovation is making energy cleaner and more cost-effective. Which breakthroughs will revolutionize the energy system in the decades to come?

**John Carrington**, Chief Executive Officer, Stem, USA

**Majid Jafar**, Chief Executive Officer, Crescent Petroleum, United Arab Emirates; Young Global Leader

**Dong-Kwan Kim**, Chief Commercial Officer and Executive Vice-President, Hanwha Q CELLS, Republic of Korea; Young Global Leader

**Thibaud Le Séguillon**, Chief Executive Officer, Heliatek, Germany

**Lin Boqiang**, Dean, China Institute for Studies in Energy Policy, Xiamen University, People's Republic of China

**Yang Shao-Horn**, W.M. Keck Professor of Energy, Massachusetts Institute of Technology (MIT), USA

Moderated by

**Katherine Hamilton**, Director, Project for Clean Energy and Innovation, USA

15.00 - 15.30

Congress Centre - Science Hub

425 science hub/digital society

## Ask About: Digitally Inclusive Societies

Explore how the internet is refashioning societies and what future digital societies could look like.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Science Hub.

With

**Evelyn Ruppert**, Professor, Goldsmiths, University of London, United Kingdom

15.15 - 16.00

Congress Centre - BetaZone

406 betazone/invisible conflict 2

## The Invisible Conflict

Photographer Platon confronts us with the strength and resilience of the women, men and children whose lives are intertwined with the conflict minerals that have sustained the deadliest conflict since World War 2.

**Platon Antoniou**, Photographer, People's Portfolio, USA

Moderated by

**Kenneth Roth**, Executive Director, Human Rights Watch, USA

Friday 20 January

15.15 - 16.15

Congress Centre - Atelier

407 davos insights/4ir

## Davos Insights: Preparing for the Fourth Industrial Revolution

How can we ensure the Fourth Industrial Revolution benefits all of society?

Join this collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

**Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Co-Chair, Global Future Council on The Future of Computing

**Toomas Hendrik Ilves**, President of Estonia (2006-2016)

**Wendell Wallach**, Scholar, Interdisciplinary Center for Bioethics, Yale University, USA

With

**Mary Cummings**, Director, Humans and Autonomy Lab (HAL), Duke University, USA  
**Stephane Kasriel**, Chief Executive Officer, Upwork, USA

**Beth Simone Noveck**, Professor; Director, Governance Lab, Yale University, USA

**Harbir Singh**, Vice-Dean, Wharton Global; Professor of Management, Wharton School, University of Pennsylvania, USA

Facilitated by

**David Kirkpatrick**, Chief Executive Officer, Technomy Media, USA

15.15 - 16.15

Congress Centre - Aspen 1

408 security outlook

## The Global Security Outlook

What are the main challenges and opportunities on the geopolitical horizon in 2017?

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Nikolaus von Bomhard**, Chairman of the Board of Management, Munich Re, Germany

**Mohammad Ashraf Ghani**, President of the Islamic Republic of Afghanistan

**Shirley Ann Jackson**, President, Rensselaer Polytechnic Institute (RPI), USA

**Shinichi Kitaoka**, President, Japan International Cooperation Agency (JICA), Japan

Moderated by

**Wolfgang Ischinger**, Chairman, Munich Security Conference, Germany



15.15 - 16.15

Congress Centre - Sanada

405 asean outlook

## Manufacturing Identity: Is ASEAN a Community Yet?

ASEAN as an idea didn't evolve naturally over many centuries but, instead, began life as a man-made concept forged in the power vacuum of retreating colonial powers and cold-war rivalries in the 1960s. Since then, it has grown in size and strengthened in character. What does the region stand for today and how does it develop its identity and protect its integrity?

Dimensions to be addressed:

- Assessing the balance between competition and cooperation among member states
- Collaborating for inclusive policy ecosystems and a stronger cultural community
- Identifying shared values that define ASEAN on the global stage

Simultaneous interpretation in Khmer, Vietnamese and English

This session will be livestreamed on [TopLink](#) and the [Forum website](#). Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**John Chipman**, Director-General and Chief Executive, International Institute for Strategic Studies (IISS), United Kingdom

**Nguyen Xuan Phuc**, Prime Minister of Viet Nam

**Mari Elka Pangestu**, Professor of International Economics, University of Indonesia, Indonesia

**Nazir Razak**, Chairman, CIMB Group Holdings, Malaysia

**Samdech Techo Hun Sen**, Prime Minister of the Kingdom of Cambodia

Moderated by

**John Riady**, Executive Director, Lippo Group, Indonesia; Global Shaper



Friday 20 January

15.30 - 16.00

Congress Centre - Health Hub

411 health hub/relationships

## Ask About: Relationships

Marriage is one of the most important of all social relationships and 95% of individuals are likely to have married at least once by the age of 70. Come to the Health Hub for a conversation on the latest research on close relationships with psychologist Bob Levenson.

Located on the Lower Level (-1) of the Congress Centre

Please arrive early, as seating is limited in the Health Hub.

With

**Robert Levenson**, Professor, Department of Psychology, University of California, Berkeley, USA

15.30 - 16.30

Congress Centre - IdeasLab

409 davos insights/global economy

## Davos Insights: Revitalizing the Global Economy

How can we boost productivity and economic growth in the long term?

Join this collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

**Benoît Coeuré**, Member of the Executive Board, European Central Bank, Frankfurt  
**Robert J. Shiller**, Sterling Professor of Economics, Yale University, USA  
**Jamie Smith**, Chief Communications and Marketing Officer, BitFury Group, USA

With

**Ailish Campbell**, General Director, Economic Development and Corporate Finance, Ministry of Finance of Canada; Young Global Leader  
**Ricardo Hausmann**, Director, Center for International Development and Professor, Practice of Economic Development, Harvard University, USA

Moderated by

**Jamil Anderlini**, Asia Editor, Financial Times, Hong Kong SAR; Young Global Leader

15.30 - 16.30

Congress Centre - xChange

410 davos insights/identity

## Davos Insights: Addressing Identity through Positive Narratives

How can we address the growing distrust and insecurity among societies, and strengthen our social fabric?

Join this collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

With

**Patrick Chappatte**, Editorial Cartoonist, Globe Cartoon, Switzerland; Young Global Leader  
**Brendan Cox**, Director, More in Common, United Kingdom; Young Global Leader  
**Helen Hai**, Goodwill Ambassador, United Nations Industrial Development Organization (UNIDO), Shanghai; Young Global Leader  
**Yoshito Hori**, President, GLOBIS University; Managing Partner, GLOBIS Capital Partners; Chairman and Chief Executive Officer, GLOBIS Corporation, Japan  
**Ahmad Irvani**, President and Executive Director, Center for the Study of Islam and the Middle East (CSIME), USA  
**Amre Moussa**, Secretary-General of the League of Arab States (2001-2011); Head of the Constitution of Fifty, Egypt  
**Ratna Omidvar**, Senator of Canada  
**Viria Vichit-Vadakan**, Director, New Business Development, Learn Education, Thailand; Global Shaper  
**Luca Visentini**, General Secretary, European Trade Union Confederation (ETUC), Belgium  
**Justin Welby**, Archbishop of Canterbury, United Kingdom

Facilitated by

**Mina Al-Oraibi**, Columnist, Asharq Al-Awsat Newspaper, United Kingdom; Young Global Leader



Friday 20 January

15.30 - 16.00

Congress Centre - Aspen 2

442 insight/rosberg

## An Insight, An Idea with Nico Rosberg

A conversation with 2016 Formula 1 World Champion Nico Rosberg on what it takes to get to the top of your game and recognizing the right time to slow down

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Nico Rosberg**, F1 World Champion, Germany



16.25 - 16.30

Congress Centre - Congress Hall

440 tribute/peres

## A Davos Tribute to Shimon Peres

Simultaneous interpretation in all languages

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Chemi Peres**, Managing General Partner and Co-Founder, Pitango Venture Capital, Israel  
**Klaus Schwab**, Founder and Executive Chairman, World Economic Forum



16.30 - 17.30

Congress Centre - Congress Hall

414 cnbc/leadership 2017

## Responsive and Responsible Leadership in 2017

The Co-Chairs of the Annual Meeting highlight the imperatives for 2017 and the implications for government, industry and society.

This session was developed in partnership with CNBC.

Simultaneous interpretation in all languages

This session will be livestreamed on [TopLink](#) and the [Forum website](#).

**Frans van Houten**, President and Chief Executive Officer, Royal Philips, Netherlands; Co-Chair of the World Economic Forum Annual Meeting 2017

**Brian T. Moynihan**, Chairman of the Board and Chief Executive Officer, Bank of America Corporation, USA; Co-Chair of the World Economic Forum Annual Meeting 2017

**Sharmeen Obaid-Chinoy**, Documentary Filmmaker, SOC Films, Pakistan; Co-Chair of the World Economic Forum Annual Meeting 2017; Young Global Leader

**Helle Thorning-Schmidt**, Chief Executive Officer, Save the Children International, United Kingdom; Co-Chair of the World Economic Forum Annual Meeting 2017

Chaired by

**Geoff Cutmore**, Anchor, CNBC, United Kingdom



## Friday 20 January

17.30 - 18.15

Congress Centre - Congress Hall

### 415 closing performance

## Closing Performance

The Afghan Women's Orchestra "Zohra" from Kabul joins forces with members of Geneva's youth Orchestre du Collège for a powerful affirmation of friendship and trust across cultures.

Join this momentous occasion to witness a performance by Afghanistan's first female conductors and the first women to play music in their country in 30 years.

This concert is held in partnership with Intesa Sanpaolo.

[This session will be livestreamed on TopLink and the Forum website.](#)

### With

**Zarifa Adiba**, Conductor, Zohra Orchestra, Afghanistan National Institute of Music (ANIM), Afghanistan

**Negin Khpolwak**, Conductor, Zohra Orchestra, Afghanistan National Institute of Music (ANIM), Afghanistan

**Ahmad Sarmast**, Founder, Afghanistan National Institute of Music (ANIM), Afghanistan



20.00 - 23.00

Hotel InterContinental - -

### 416 soirée

## A Musical Journey

[The dress code for the soirée is black tie or traditional dress and sign-up is required.](#)



## Saturday 21 January

10.00 - 13.00

Rinerhorn Mountain - Base Camp

417 farewell brunch

### Rinerhorn Brunch

Join the farewell brunch at the top of Rinerhorn Mountain.

Transport information:

Shuttles to the Base Camp leave from the Forum Shuttle Hub every 15 minutes from 09.30 to 11.30. Return shuttles leave from the bottom of the Rinerhorn cable car station every 15 minutes from 11.00 to 13.30.

