



United Nations  
Educational, Scientific and  
Cultural Organization



## **UNESCO High Level Group of Visionaries on Knowledge Acquisition and Sharing Kronberg, Germany, 22-23 June 2007**

### **Programme and Participants**

sponsored by:



## Programme

### Friday 22 June 2007

**18:30 Reception**

Welcome addresses by Verena Metzke-Mangold, Vice President, German Commission for UNESCO, and by Abdul Waheed Khan, Assistant Director-General for Communication and Information, UNESCO

**19:30 Dinner**

### Saturday 23 June 2007

**09:00 – 10:15 Plenary session: Setting the scene**

Moderator: Abdul Waheed Khan, Assistant Director-General for Communication and Information, UNESCO

Informal presentations by all participants

**10:15 - 10:45 Plenary session: Listening to youth voices and introducing working methods**

Presenter: Richard Millwood, Founder and Director of Core UK

**10:45 - 11:00 Coffee break**

...continued

11:00 - 12:15	<b>Break-out session</b> Work on areas of focus in four break-out groups I
12:15 - 13:00	<b>Break-out session</b> Work on areas of focus in four break-out groups II
13:00 - 14:00	<b>Lunch</b>
14:00 - 14:30	<i>Recording of podcasts (optional)</i>
14:30 - 16:00	<b>Plenary session: Reporting and discussing results of break-out sessions</b> Moderator: Brenda Gourley, Vice-Chancellor, The Open University of the United Kingdom
16:00 - 16:15	<b>Coffee break</b>
16:15 - 18:00	<b>Plenary session: Discussing the way forward and identifying elements for a statement</b> Moderator: Roland Bernecker, Secretary-General, German Commission for UNESCO
20:00	<b>Dinner</b>

## List of participants

**Ahmed, Ansary**

President, Asia e University, Malaysia

**Bernecker, Roland**

Secretary-General, German Commission for UNESCO

**Carneiro, Roberto**

Professor, Universidade Católica Portuguesa

**Chasia, Henry**

Executive Deputy Chairperson, e-Africa Commission, NEPAD

**Devouard, Florence**

Chair of Board, Wikimedia Foundation

**Dhanarajan, Gajaraj**

Vice-Chancellor and CEO, Wawasan Open University, Wawasan Education Foundation, Malaysia

**Fakhro, Samir Qasim**

Professor of Communications, Bahrain Branch Director, Arab Open University

**Glennie, Jenny**

Director, South African Institute for Distance Education (SAIDE)

**Gourley, Brenda**

Vice-Chancellor, The Open University of the United Kingdom

**Gupta, Anoop**

Corporate Vice President, Technology Policy and Strategy, Microsoft Corporation

**Hoyer, Helmut**

Rector, FernUniversität in Hagen / University of Hagen, Germany

**Hubbard, Tim**

Head of Informatics, The Wellcome Trust Sanger Institute, Cambridge, UK

**Hwang, Dae-Joon**

President and CEO, Korea Education and Research Information Service

**Khan, Abdul Waheed**

Assistant Director-General for Communication and Information, UNESCO

**Linturi, Risto**

Futurologist and Chairman, Linturi Plc, Finland

**Rajasekharan Pillai, Valliyil Narayanan**

Vice-Chancellor, Indira Gandhi Open National University, India

**Roth, Martina**

Director of the Intel Education Group for Europe, Middle East and Africa (EMEA), Intel Corporation

**Wei, Yu**

Director, Research Centre for Learning Sciences, China

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**Organization team**

**Küster-Rudolph, Susanne**, German Commission for UNESCO

**Malina, Barbara**, German Commission for UNESCO

**Millwood, Richard**, Core UK

**Plathe, Axel**, UNESCO

**Rauch, Anne Isabel**, German Commission for UNESCO

**Shawki, Tarek**, UNESCO

## Biographies

### **Ahmed, Ansary**

#### **President, Asia e University, Malaysia**



Professor Dato' Dr Ansary Ahmed started his career as a tutor for the Department of Genetics and Cellular Biology at the University of Malaya (UM), Kuala Lumpur in 1979. In 1998, he received his full professorship. He has been actively involved in UM administration as Head of the Department of Genetics, Deputy Dean in the Faculty of Science and Dean of the Institute of Postgraduate Studies and Research. Ahmed has been a member of the University Senate since 1987 and was Board Member of the UM - Malaysian Technology

Development Centre and of the UM Centre of Continuing Education. He served as a member of the National Bio-technology Group of the Ministry of Science, Technology and Environment and National Coordinator for the UM - Molecular Biology Cooperative Centre from 1997 to 1999. He left the UM and joined the Open University of Malaysia as Senior Vice President in April 2002. He was also the implementation team project leader for the Open University Malaysia in 2000. Ahmed has just assumed the post of Founding President of the Asia e University.

### **Bernecker, Roland**

#### **Secretary-General, German Commission for UNESCO**



Dr Roland Bernecker has been Secretary-General of the German Commission for UNESCO since December 2004. He studied literature and philosophy at the University of Frankfurt/Main and taught and conducted research in Germany, Italy and France. After having served as Director of the German-French Institute of Culture in Nantes, France, Bernecker joined the German Commission for UNESCO in 1998 as Head of Division for Culture. From April 2002 until July 2004, he worked at the German Federal Foreign Office in Berlin and

afterwards returned to the German Commission for UNESCO as Deputy Secretary-General.

## **Carneiro, Roberto**

### **Professor, Universidade Católica Portuguesa**



Roberto Carneiro was formerly Portuguese Minister of Education (1987-91). Currently, he is a professor at the Portuguese Catholic University, where he also chairs the Study Centre on Peoples and Cultures and is Dean of the Institute for Distance Learning. Carneiro runs the Observatory of Migrations and the Observatory for the Information Society in Portugal. He is a Member of ISTAG – Information Society Technologies Advisory Group, of the eLearning Committee, of the Lifelong Learning Stakeholder Group, and Chair of the Editorial Boards of the European Journal of Education. He was a member of the UNESCO International Commission for Education in the 21<sup>st</sup> Century. He chairs holding companies in the areas of digital content, new learning and new media. Carneiro is a graduate of the Lisbon Technical University, conducted his post-graduate studies in the UK (New University of Coleraine and London School of Economics) and is a Presentation Fellow of the King's College (University of London).

## **Chasia, Henry**

### **Executive Deputy Chairperson, e-Africa Commission, NEPAD**



Dr Henry Chasia is Executive Deputy Chairperson of the e-Africa Commission, the Task Team responsible for driving the NEPAD information and communication technology (ICT) programme. Chasia is a member of South African President Mbeki's International Advisory Council on ICT. Until the end of 2006, he was a director on the Board of INMARSAT, the UK mobile satellite operator. He has had a long career in the field of telecommunications and is a former Vice Secretary-General of the International Telecommunication Union. Chasia is a citizen of Kenya. He was educated at Makerere University College, Kampala, Uganda, and the Imperial College of Science and Technology, University of London. He was awarded the BSc degree in mathematics and physics in 1964 and the PhD in electrical engineering in 1974, both degrees of the University of London.

## Devouard, Florence

### Chair of Board, Wikimedia Foundation



Florence Nibart-Devouard serves as one of the elected representatives to the Wikimedia Board of Trustees since June 2004, and is the current Chair of the Board. She was elected by the Board to this position on October 21, 2006. Devouard was born in Versailles, France. She grew up in Grenoble, and has been living since then in several French cities, as well as Antwerp in Belgium and Tempe in Arizona, USA. She is an engineer in Agronomy (ENSAIA) and also holds a DEA in Genetics and biotechnologies (INPL). She has been

working in public research, at first in flower plant genetic improvement, and then in microbiology to study the feasibility of polluted soil bioremediation. She was employed until recently in a French company to conceive decision-making tools in sustainable agriculture. She joined Wikipedia in February 2002 and is known as a contributor under the pseudonym *Anthere*.

## Dhanarajan, Gajaraj

### Vice-Chancellor and CEO, Wawasan Open University, Wawasan Education Foundation, Malaysia



Emeritus Professor Gajaraj Dhanarajan holds B.Sc. and M.Sc. degrees from the University of Madras, a D.I.C. and an M. Sc. from the Imperial College of the University of London and a Ph.D. in Biology from the University of Aston in Birmingham, U.K. He has been involved in distance education and open learning for over 30 years. He participated in establishing a number of distance education systems all over the world. In mid 1989 he was invited by the colonial government of Hong Kong to help establish the Open Learning Institute of

Hong Kong (now the Open University of Hong Kong) first as Associate Director and subsequently as Director from 1991 to 1995. In 1992, the Institute conferred on him the title of Professor, and then Professor Emeritus in 1995. In mid-1995, Prof. Dhanarajan was invited to be the second President and CEO of the Commonwealth of Learning [COL] in Vancouver, Canada. He retired as President of COL in late 1995 and assumed his current post as Vice-Chancellor of The Wawasan Open University, Malaysia's newest university.



## **Fakhro, Samir Qasim**

**Director of Arab Open University, Bahrain branch**



Professor Fakhro serves as director of the Bahrain branch of the Arab Open University (AOU) since 2002 and is chairman of the university's IT Strategy Task Group. He established the E-courseware educational programs development centre for all the seven branches of the AOU and the centre of excellence for post-graduate studies in information and telecommunication technologies. Fakhro is founder and chairman of the alNadeem Information Technology Company of the Kingdom of Bahrain since 1994. In 2006 he became

member of the "Higher Education Council" of the Kingdom of Bahrain. From 1986 to 2000 he served as an advisor to UNESCO in information technology and education. Fakhro holds a B.Sc. in Electrical Engineering (American University Beirut, Lebanon) and a Master and a PhD in Electrical Engineering (University of Michigan, USA). He started as Professor for Electrical Engineering and for Computer and Education at the University of Bahrain in 1994.

## **Glennie, Jennifer**

**Director, South African Institute for Distance Education (SAIDE)**



Jennifer Glennie is the founding director of the South African Institute for Distance Education (SAIDE), a non-profit organization committed to increasing access to lifelong education for all South Africans. As a member of the Minister's Council on Higher Education, Glennie has been active in the formation of the Higher Education Quality Committee. She is the South African government's representative on the board of the Commonwealth of Learning; was the founding president of the National Association of Distance Education Organisations in South Africa and is a long-standing member of the Council of Unisa-

One of the ten mega-universities in the world. Her initial distance-educational experience was acquired over 15 years at the Sached Trust where she was head of course development and production, head of tutor training, and finally deputy president (planning and finance). She holds an Honours degree in mathematics from the University of the Witwatersrand and a master's from the Institute of Education in London.

## Gourley, Brenda

Vice-Chancellor, **The Open University of the United Kingdom**



Professor Gourley has been Vice-Chancellor of The Open University since 2002. She shares with the University a social justice agenda and a belief in education as a tool to tackle the growing inequalities in the global society. She is a member of several boards, committees and trusts, including the International Association of Universities, and the Association of Commonwealth Universities. A frequent speaker on a broad range of platforms and issues and a contributor to publications around the world, she has received honorary degrees from the Universities of Nottingham, Abertay and Richmond, as well as Allama Iqbal OU. Gourley was previously Vice-Chancellor at the University of Natal. She steered the University through a significant transformation in a time of political change in South Africa. Gourley is a Chartered Accountant and began her career in the private sector before moving into academia.

## Gupta, Anoop

Corporate Vice President, **Technology Policy and Strategy, Microsoft Corporation**



As Microsoft's corporate Vice President, Technology Policy and Strategy, Anoop Gupta works with Chief Research and Strategy Officer Craig Mundie on a broad range of policy and strategy issues, including identifying gaps in Microsoft's strategic portfolio and developing incubations to address these as appropriate and anticipating areas where regulation or policy may impact Microsoft's ability to bring innovations to market. Before assuming his current post in 2007, he served for four years as corporate Vice President of Microsoft's Unified Communications Group and was technology assistant to Bill Gates, Microsoft's chairman. Before joining Microsoft in 1997, he was a professor of Computer Science and Electrical Engineering at Stanford University, where he also led the Virtual Classroom project, which explored compression and networking issues related to transmission of audio-video over the Internet and its applications in education. He was on the research faculty at Carnegie Mellon University, where he received his PhD in computer science in 1986. He holds a bachelor's degree in electrical engineering from the Indian Institute of Technology, Delhi.

## Hoyer, Helmut

Rector, FernUniversität in Hagen / University of Hagen, Germany



Professor Helmut Hoyer is Rector of the FernUniversität in Hagen since 1997 and acting President of the International Council for Open and Distance Education (ICDE) since 2005. Since 1988, he is a full professor in Control Engineering at the FernUniversität in Hagen and has been Dean of the Faculty of Electrical and Computer Engineering and Prorector Planning and Finance. He served as member of the Executive Committee of the European Association of Distance Teaching Universities, Vice President of ICDE, Scientific Programme Chair of the ICDE World Conferences on Distance Education in Vienna and Düsseldorf, Chairman of the Rectors' Conference North Rhine-Westphalia and Academic Director of the Centre for eCompetence at Universities. His research activities are focusing on robotics and assistive technologies for the elderly and disabled. The main agenda of his Rectorate is the use of New Media for university activities and the positioning and profiling of FernUniversität in the changing national and international university landscape.

## Hubbard, Tim

Head of Informatics, The Wellcome Trust Sanger Institute, Cambridge, UK



Tim Hubbard is responsible for the informatics division of the Wellcome Trust Sanger Institute, Cambridge (UK), which is at the vanguard of providing analyses and access to genome and genetic data, particularly of humans. He is joint head of the Ensembl genome annotation project, which is the world's leading database and access point for the human genome sequence. The Institute was responsible for determining a third of the human genome sequence and, together with the Wellcome Trust, led the policy of immediate release of sequence data into the public domain. Following the controversy surrounding the ownership and access to the human genome sequence, he has become a leading advocate of the benefits of open access and open data release for science and society as a whole. He was a member of the OECD working group on 'Issues of Access to Publicly Funded Research Data' and actively involved in government, NGO and industry discussions regarding intellectual property, innovation and public health.

## Hwang, Dae-Joon

### President and CEO, Korea Education and Research Information Service



Since July 2004 Dr Hwang has been working as President of the Korea Education & Research Information Service in Seoul. Prior to that, he served as provost of Admission at Sungkyunkwan University, Seoul. From 1987 until June 2004, he was also Professor of the School of Information and Communication Engineering at Sungkyunkwan University, Seoul. He is a member of several Advisory Committees of Korean Ministries. Hwang was Chairman of the Planning and Administration Committee of the Open Cyber University, Seoul,

Korea from 1998 until 2001. He holds a PhD and a M.S. in Computer Science (both Seoul National University, Korea) and a B.S. in Computer Technology (Kyung Pook National University, Daegu, Korea). He has published several textbooks on Web based instruction, Internet programming and Computer Architecture.

## Khan, Abdul Waheed

### Assistant Director-General for Communication and Information, UNESCO



Dr Abdul Waheed Khan has been working as Assistant Director-General for Communication and Information at UNESCO Headquarters in Paris since 2001. He is responsible for UNESCO's programmes and activities in communication and information including strategic planning for ICT interventions in development. He provides leadership at a global level in fostering digital opportunities for social and economic inclusion, represents UNESCO at major international events and fora in the field of information and communication, builds alliances between

public and private sector initiatives in ICT applications, and mobilizes resources for enhancing the scope of the programmes of UNESCO's Communication and Information Sector. Before joining UNESCO, Khan served as President and Chief Executive Officer (Vice-Chancellor) of Indira Gandhi National Open University, India and occupied senior positions at the Commonwealth of Learning, Vancouver, Canada, the Food and Agricultural Organization and the United Nations Fund for Population Activities. He holds a PhD in Mass Communication from the University of Wisconsin, Madison, USA.

## Linturi, Risto

### Futurologist and Chairman, Linturi Plc, Finland



Risto Linturi is one of the leading futurology consultants and researchers of Finland. He is a successful entrepreneur and member or chairman of the board in several ICT-companies. Earlier he worked as technology director and principal researcher for the Helsinki Telephone Corporation where he initiated one of the world's best known digital city projects, Helsinki Arena 2000. Linturi has also been a member of the National Information Society Forum and is frequently asked as an expert speaker at international seminars. He has advised venture funds and

large corporations on future scenarios and innovative strategies. His particular expertise is in gauging the long term effects of technology development on everyday life at home, in the wider society and radical effects on business strategies. His current six day hands on course on how to develop radical innovations with his Radical Innovation Triangle-method is currently the most popular R&D management course in Finland.

## Millwood, Richard

### Founder and Director of Core UK



Richard Millwood is the founder and director of Core UK, a not-for-profit team devoted to innovation in learning and technology, across all phases and sectors in education. Current research, consultancy and development contracts are with the UK Improvement & Development Agency, DfES, QCA and BECTa. Core UK is associated with Core NZ, based in Christchurch, New Zealand. Millwood is also creating the Digital Teacher Foundation and establishing the National Archive of Educational Computing. His past achievements include:

Co-developing the structure and ethos of Ultralab, one of the most successful innovation centres in learning and technology throughout the world; managing the research and development of Ultralab to build successful large-scale action research projects and leading the intellectual, creative and ethical conceptual thinking of a forty-strong team of researchers and nurturing their capability to increase quality and capacity.

## **Rajasekharan Pillai, Valliyil Narayanan**

**Vice-Chancellor, Indira Gandhi Open National University, India**



Prof. V.N. Rajasekharan Pillai has joined Indira Gandhi National Open University in 2006 as its sixth Vice-Chancellor. Prior to that, he had been Vice-Chairman of the University Grants Commission, New Delhi, since 2003. He served as Director of the National Assessment and Accreditation Council (NAAC) since 2001. He has been the Vice-Chancellor of the Mahatma Gandhi University, Kottayam, where he is founding Director of the School of Chemical Sciences and has been Dean of the Faculty of Science, Controller of Examinations, Director of the College Development

Council and Chief of the Employment and Information Guidance Bureau. Pillai was member of the working group constituted by the Ministry of Human Resource Development for the preparation of the Indian Science Policy Document for UNESCO. Under his leadership, the NAAC has formulated an Action Plan for quality evaluation, sustenance, and quality up gradation for the higher education institutions in the country, which has been accepted and is being implemented by all the State Governments.

## **Roth, Martina A.**

**Director of the Intel Education Group for Europe, Middle East and Africa, Intel Corporation**



Dr Roth is Director of the Intel® Education Group for Europe, Middle East and Africa. She is responsible for the development and implementation of all of Intel's Education Programmes in the region. She joined Intel in 1997 as Programme Manager for "Kids and Creativity" at Intel's Content Group, managing Intel Software Developers throughout Europe and providing leading edge education content to the school and after school market. In 1999 she became the Education Manager for Central Europe, leading Intel's Education Programmes like *Intel® Teach to the Future*, *Intel® ISEF*

and *Higher Education* in Germany, Austria and Switzerland. Following the success of the programmes in the region, Roth was appointed Intel Director of Education for Europe, Middle East and Africa in 2002. She holds an M.A. in Pedagogy and a PhD in Philology from the University of Jena, Germany. She received an additional qualification as Media-Didactic and Lecturer for Learning Systems in Munich.

## Wei, Yu

### Director, Research Centre for Learning Sciences, China



After Dr. Yu Wei graduated from the Nanjing Institute of Technology in 1965, she became a research fellow in the Institute of Electronics, NIT. She was selected as one of the first to continue her studies in West Germany in 1979. She was the first woman to receive a PhD after the foundation of New China. When she came back to China she founded the Department of Biomedical Engineering and the Laboratory of Molecular and Biomolecular Electronics (LMBE) at Southeast University. From 1984 until 1993, she served as Director of LMBE and President of Southeast University. During her career as a teacher and researcher in electronics, Wei has focused on the development of bioelectronics and grounding molecular and biomolecular electronics. As Vice-Minister of Education she was involved in the reform of higher education and distance learning in China during 1993-2002. More recently, Wei has founded a new interdisciplinary research “Science of Learning” in China.