

WFEO

- WEF

PROGRAMME WFEO GENERAL ASSEMBLY AND WEF

AUDITORIUM PARCO DELLA MUSICA

	Sunday 26	Monday 27	Tuesday 28	Wednesday 29	Thursday 30	Friday 1	Saturday 2
08:00-09:00	Committee on Education In Engineering	Committee on Women In Engineering	Forum Opening Ceremony	WFEO Executive Board Meeting			
09:00-13:00	Committee on Engineering and the Environment	Committee on Anti Corruption		Forum	All STC Chairs Meeting	Executive Council	General Assembly
		Committee on Energy	STCs Review Group				
13:00-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:00-18:00	Cont. Committee on Engineering and the Environment	Cont. Committee on Women In Engineering	Forum	Forum Closing Ceremony	Executive Council	General Assembly	New Executive Council
	Committee on Engineering Capacity Building	Committee on Young Engineers/ Future Leaders					
		Committee on Information and Communication					
		Committee on Engineering for Innovative Technologies					
		Committee on Disaster Risk Management					
			WEF Banquet			WFEO Gala Dinner	

PROGRAMME DESIGN CONCEPT

Starting from the multifaceted concept of humankind's heritage, WEF2017 intends to look at different challenges that engineering and engineers have to face, considering technological applications and professional activities which can preserve the human eco-environment and its connected values. Taking into account such a perspective, the general topic of the Forum will be: "Safeguarding Humankind's Heritage, the Great Challenge for Engineers".

The main themes will be:

- 1 Climate changes and renewable energies
- 2 Hydrological instability, preserving landscape
- 3 Built environment and urban regeneration
- 4 Risk management for ICT
- 5 New technologies for cultural heritage
- 6 Engineering for new manufacturing: combining tradition and innovation
- 7 Engineering for human health

**SAFEGUARDING HUMANKIND'S HERITAGE,
THE GREAT CHALLENGE FOR ENGINEERS**

WELCOME TO

ROMA

26.NOV/02.DEC
2017

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WORLD ENGINEERING FORUM

WORLD ENGINEERING FORUM 2017 - ROME, ITALY

The World Engineering Forum - promoted by the Consiglio Nazionale degli Ingegneri (CNI), within the General Assembly Meetings of the World Federation of Engineering Organizations (WFEO) - will be held in Rome on 28 and 29 November 2017. WEF2017 is an international event, which will focus on different fields of engineering in a global perspective. The Italian Consiglio Nazionale degli Ingegneri is proud to host WEF2017 and the activities of the WFEO in Rome.

WEF2017: TARGETS

Development and conservation of humankind's heritage will be the keywords of WEF2017. The Forum will focus on support given by different engineering fields to socio-economic development within different countries, with particular attention to the role of engineering in sustainable development and technological innovation. WEF2017 will aim to analyze recent developments in different engineering sectors and the best practices of the most relevant mainstream technological applications linked to the general topic of the forum.

WEF2017: SUBJECT

"Safeguarding Humankind's Heritage, the Great Challenge for Engineers" will be the general topic of the WEF2017. The event will showcase "Italy" as a country with a complex and effective mix of tradition and innovation, of medium-high innovation manufacturing and services, and of high-standard R&D activities in which engineering can play a strategic role. WEF2017 will thus support the idea of engineering as a tool for simultaneously developing and safeguarding the humankind heritage of each single country. Starting from scientific and technological applications to cultural and monumental heritage, the Forum will enlarge its perspective. The Forum will consider how different fields of engineering can help safeguard and restore each single component of humankind heritage such as: natural environment and landscape, urban areas, monumental and archaeological heritage, human health, infrastructure and technologies for healthy living.

WEF2017: TOPICS

The Forum's main topics and ideas to be discussed are:

- Engineering must help achieve material wealth within a sustainable development perspective. Technological research and smart applications should support societies and countries in generating social values and safeguarding the social and cultural heritage of each community of people.
- Defining engineering's social mission in a rapid changing context will be the starting point of the event, which will then focus on challenges related to safeguarding and developing humankind's heritage.
- Science, technology and engineering should contribute to two principles: ensuring social and technological changes for a better life and safeguarding the context in which such changes take place. Engineers should not only lead progressive material wealth but also act for the conservation of humankind's heritage, defining a new development path.
- WEF2017 aims to analyze humankind's heritage in its different aspects, considering its conservation and preservation as a great challenge for engineers and for society. Rapid changes on a global scale may represent opportunities for increasing material wealth, but also threats to the preservation of the common heritage of each country, including landscape, natural environment, climate and monumental heritage. Engineering should propose smart solutions, combining development, wealth and conservation of humankind's heritage through different approaches.
- The Forum will be open both to decision-makers and professionals working in the field of managing, restoring and safeguarding cultural heritage and its different components. Managers, designers, researchers and restorers dealing with a wide range of activities connected with safeguarding humankind's heritage are warmly welcome to the event, as are representatives of governmental and institutional bodies.

