



WEF2017

WORLD ENGINEERING FORUM
WFEO GENERAL ASSEMBLY

26 November / 02 December 2017 - Sheraton Roma Hotel - Rome, Italy

SAFEGUARDING HUMANKIND'S HERITAGE,
THE GREAT CHALLENGE FOR ENGINEERS



The World Federation of
Engineering Organizations

WEF Opening Ceremony November, Monday 27 2017

Camera dei Deputati, Aula dei Gruppi Parlamentari, Via di Campo Marzio 78, Rome

Registration: 15.15

16.00	<p><i>Welcome Greetings</i></p> <p>Maria Elena Boschi *, Secretary of the Italian Council of Ministers</p> <p>Benedetto Della Vedova, Under Secretary of the Italian Minister of Foreign Affairs</p>
16.30	<p><i>Safeguarding humankind's Heritage: the great challenge</i></p> <p>Philippe Pypaert, Head of Science Unit, UNESCO Regional Bureau for Science and Culture in Europe</p>
16.45	<p><i>WEF 2017 - Engineering for a better world</i></p> <p>Arrmando Zambrano - President Consiglio Nazionale degli Ingegneri</p> <p>Jorge Spitalnik - President World Federation of Engineering Organizations</p> <p>Marlene Kanga - President elect World Federation of Engineering Organizations</p>
18.00	<p>Welcome reception</p>

*Speakers invited, to be confirmed



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November, Tuesday 28 2017

Sheraton Roma Hotel & Conference Centre, Viale del Pattinaggio, Rome

9.15 - 10.00	Registration		
10.00	Rome welcomes WEF 2017 attendees (Event organized by CNI) Safeguarding Humankind's Heritage: six challenges for a better future		
10.30	Master Session (Event in collaboration with Italferr SpA)	Infrastructures and Networks in a sustainable perspective Introduction Gian Luca Galletti*, Minister for the Environment, Land and Seas Carlo Carganico, CEO Italferr SpA Designing sustainable infrastructures: Antonello Martino, Head of Architecture, Environment and Territory, Italferr SpA	
11.00	Break		
11.30		Lorenzo Orsenigo - General Director ICMQ SpA John Stanton - President and CEO Institute for sustainable Infrastructure (ISI)	
11.45	Envision Protocol: Mobility and environment safeguarding: ideas and policies Designing Infrastructures with a global perspective: Question time	Maria Fernanda Stagno D'Alcontres, Ministry for the Environment, Land and Seas Admir Nocaj - Director for foreign markets, Italferr SpA	
12.15			
12.30			
12.45			
13.00-14.00	Lunch		
14.15	Plenary lecture - Green technologies in the preservation and renovation of historic buildings Keynote speaker: Conghong Liu, Tianjin University		
14.45	Plenary lecture - Engineering for a better environment Keynote speaker: Felice Arena, Mediterranean University Reggio Calabria		
15.15	Break		
15.30	Oral session 1 - Preserving the environment: ideas and technical solutions Chairman: Giuseppe Rossi, Accredia Speakers: Shindler L., Tan G., Romolo A., Losasso M., Cremonini P., Barbato E., Liu D., Weifner T., Tsvirko L., Herrera C., Salcedo Jarabo E., Martinoli C.	Oral session 2 - Urban space and building's preservation in a sustainable perspective Chairwoman: Conghong Liu, Tianjin University Speakers: Spinosa A., Margarone M., Yamamoto K., Zhang W., Fazio T., Lalsa V., Petras D., De La Fuente C., Marino C., Capezzali M.,	Oral Session 3 - Preventing climate change: engineering for sustainability Chairwoman: Nicoletta Antonias, Italferr Speakers: Lopez A., Chen G., Makaranka. T., Pirrera G., Koena T., Rocca U.V., Wu J., Abate S., Lorato N., Antonias N., Xu X., Pirrera G., Ruiz Salinas M. T.,
18.30	WEF 2017 1st day closing		
20.00	WEF 2017 Social dinner, Pinacoteca del Tesoriere, Rome (by invitation)		



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November, Wednesday 29 2017

Sheraton Roma Hotel & Conference Centre, Viale del Pattinaggio, Rome

9.00-9.30	Registration			
9.30	Plenary lecture - Safeguarding cultural heritage in the current understanding of earthquakes Keynote speaker: Massimo Mariani, Consiglio Nazionale Ingegneri, Counsellor for seismic and hydrogeological risk			
10.00	Plenary lecture - Risk prevention and management: the great challenge Keynote speaker: Toshimitsu Komatsu, Kyushu University			
10.30	Break			
10.45	Oral session 4 - Engineering and technologies for safeguarding and monitoring the cultural heritage Chairman: Fabrizio Vestroni, La Sapienza University Rome Speakers: Biasiotti A., Vestroni F., Solari L., Sforza G., Del Regno R., Barone F., Anelli A., Marra A.,	Oral session 5 - Risk prevention, hazard monitoring, seismic risk mitigation Chairman: tbt Speakers: Bianchi F., Clemente P., Yoshimi K., Fregatti M., Mita L., Miceli G., Realini E., Vallone I.,	Oral session 6 - Women in engineering: panel discussion Chairwoman: Valerie Ifueko, WFEO Speakers: Li R., Lopez A., Delvecchio S.,	Oral Session 7 - Smart technologies for an effective development Chairman: tbd Speakers: Cella A., Charalambous S., Ladisa P., Unteergger D. Nicolai G., Deiana A., Garzia F.
13.00-14.00	Lunch			
14.15	Plenary lecture - Information security: threats and opportunities in a safeguarding perspective Keynote speaker: Agostino Bruzzone, University of Genoa			
14.45	Plenary lecture - Belt and Road Initiative A Global Game Changer in Sustainable Engineering Keynote speaker: Yee Cheong Lee, UNESCO International Science, Technology and Innovation for South-South Cooperation (ISTIC), President Academy of Engineering and Technology of the Developing World (AETDEW)			
15.15	Break			
15.30	Oral session 8 - ICT and Information security for humankind's heritage Chairman: Roberto Orvieto, Consiglio Nazionale Ingegneri Speakers: Rocco P., Praitano A., Zorzino G.G., Vallone I.,	Oral session 5 (continues) - Risk prevention, hazard monitoring, seismic risk mitigation Chairman: tbd Speakers: Herrera C., Cecchetti S., Magnin M., Diaz Perez L. D., Toyooka A., Bergagnin S.,	Oral session 9- Diversity and inclusion in engineering. Women and young professionals: a resource for present and future Chairwoman: Ania Lopez, Consiglio Nazionale Ingegneri Speakers: Lee Y. C., Callea V., Horting K., Pearson Y., Freda P., Kahdem H., Koma N., Grossman N. P.,	Oral Session 7 (continues) - Smart technologies for an effective development Chairman: tbd Speakers: Delvecchio S. Martinoli C., Rebola A. Loughlin T., Ncube S. Zizzari A.,
17.30 - 18.00	WEF Closing Ceremony A. Zambrano, J. Spitalnik, M. Kanga			