

ENGINEERING THE CITIES OF THE FUTURE

Thursday, March 2nd 2023

8:30 *Registration*

9:00 *Opening*

- ✚ **M^a Jesús Prieto Laffargue**, Past President of IIE. Past President of WFEO
- ✚ **Prof. José Vieira**, President World Federation of Engineering Organizations, WFEO
- ✚ **José Trigueros**, President Instituto de la Ingeniería de España, IIE

10:00 *Key Note Speaker –*

- ✚ **Dr. Shamila Nair-Bedouelle**, Assistant DG for the Natural Sciences of UNESCO (tbc)

10:30 **COFFEE BREAK**

11:00 *Energy and raw materials, dependency of cities*

- Presenter:** **Yolanda Moratilla**, President of the IIE Energy Committee
- ✚ **Esther Alonso**, General Director of Energy and Sustainability of Atlantic Copper
 - ✚ **Jean Eudes Moncomble**, Chair Energy Committee, WFEO.
 - ✚ **Eric Ohaga**, President of Engineers of Kenya, IEK
 - ✚ Speaker from **Iberdrola**
 - ✚ **Ana Gil**, CEO EDF Iberian Peninsula. Tbc

12:00 *Great urban challenges: Disaster Prevention*

- Presenter:** **Dr. José Macharé**, Chair of Disaster Risk Management Committee WFEO, Perú
- ✚ **Pedro Tomey**, CEO of Fundación AON
 - ✚ **Prof. Kenichi Tsukahara**, Director of the Disaster Risk Reduction Research Centre in Japan. (Tokio). Tbc.
 - ✚ **Prof. Shankar M. Krishnan**, International Federation of Medical and Biological Engineering, IFMBE

13:00 **LUNCH**

15:00 *Infrastructures and Demographic Challenge*

- Presenter:** **David García Nuñez**, President of Madrid World Capital of Construction MWCC
- ✚ **Irene Campos**, Former Minister of Housing and Human Settlements. Costa Rica. Tbc.
 - ✚ **Mr. Ling Wen**, President, Shandong Association for Science and Technology, China
 - ✚ Speaker from **TRAGSA**.
 - ✚ Speaker from **CEMEX**. Tbc

16:00 *Mobility and Communications: Challenges of a sustainable urban environment*

- Presenter:** Speaker to be confirmed, ARUP.
- ✚ **Alfonso Sánchez**, CEO of the Municipal Transport Company of Madrid, EMT
 - ✚ Speaker from **Ferrovial**.
 - ✚ Speaker from **Airbus**. Tbc.
 - ✚ **Firas N Bou Diab**, Chairman of the WFEO Committee on Young Engineers / Future Leaders

17:00 *Role of women engineers in Asia, Africa and LATAM*

- Presenter:** **Mari Cruz Díaz Álvarez**, Ingenium Committee of IIE
- ✚ **Prof. Dawn Bonfield**, Deputy Chair of Women in Engineering, WFEO
 - ✚ **M^a Teresa Pino**, Former President of Pan American Union of Engineering Associations, UPADI
 - ✚ **Lidia Santiago**, Vice president of Ordem dos Engenheiros of Portugal
 - ✚ **Dr. Ania López**, National Council of Engineers of Italy
 - ✚ **Ms. He Jing**, Deputy Chief Architect, China Institute of Building Standard Design & Research

20:00 *Official Gala Dinner*

Friday, March 3rd 2023

8:30 *Registration*

9:00 *KNS: Community of Madrid, Spain Tbc.*

9:30 *The Cities of the Future*

Presenter: . Tbc.

- ✚ **José Luis Martínez-Almeida**, Mayor of Madrid, Tbc.
- ✚ **Andrés Vallejo Arcos**, Ambassador of Ecuador in Spain. Former Mayor of Quito. Tbc.
- ✚ **Ricardo Río**, Mayor of Braga.
- ✚ **Dr. Nahla Ahmed Alqasimi**, Vice president of the Society of Engineers, United Arab Emirates.

11:00

COFFEE BREAK

11:30 *Urbanism: Engineering, Architecture, Sustainability and new green spaces in cities*

Presenter: **Mustafa Shehu**, President Elect of WFEO

- ✚ **Davide Stronati**, Chair of Engineering and the Environment Committee, WFEO. UK
- ✚ **Mariano Fuentes Sedano**, Councilor for the Urban Development area of the Madrid City Council
- ✚ **Alfonso Vegara**, President Fundación Metrópoli SP
- ✚ Speaker from MNN. Tbc

12:30 *Water in future cities*

Presenter: **Ignacio González Castelao**, Chair of Water Committee, WFEO.

- ✚ **Dr. Abou Amani**, Director of the UNESCO Water Science Division
- ✚ **Pascual Fernández Martínez**, Managing Director Canal Isabel II
- ✚ **Dr. Marlene Kanga AO**, Non-Executive Director and Board Member, Sydney Water Corporation Chair Planning and Infrastructure Committee.
- ✚ **Sara Perales**, CEO Green Blue Management (TYPESA Group).
- ✚ **Michael Toh**, Industry Director and Technology Collaboration PUB, Singapore's National Water Agency

13:30

LUNCH

15:30 *Round Table International Organizations*

- ✚ **Presenter: Prof. José Vieira**, President World Federation of Engineering Organizations, WFEO
- ✚ **José Trigueros**, President Instituto de la Ingeniería de España, IIE
- ✚ **Fernando de Almeida Santos**, President Ordem dos engenheiros Portugal, OdEP
- ✚ **Prof. Song Yonghua**, Executive Board Member of CAST and Rector of University of Macau
- ✚ **Joel Krüger**, President of the Conselho Federal de Engenharia e Agronomia, CONFEA. Tbc
- ✚ **Salvador Landeros**, President Pan American Union of Engineering Associations, UPADI.
- ✚ **Ralph Appel**, President Federation Engineers Europe, FEANI. Tbc.
- ✚ **Papias Kazawadi**, President Federation of African Engineering Organizations, FAEO.
- ✚ **Kamel Sahnoun**, President Federation of Arab Engineers, FAE.
- ✚ **Abdulla Yousef Ali Ramdan Al Ali**, President of Society of Engineers – United Arab Emirates, SOE
- ✚ **Prof. Dr. Huang Wei**, President Federation of Engineering Institutions of Asia and the Pacific, FEIAP.

17:30 *Presentation of the World Engineers Convention, WEC 2023*

Daniel Hanus, President of the Czech Association of Scientific and Technical Societies

17:45 *Presentation of the World Engineering Day, WED 2023*

18:00 *Closure*

- ✚ **José Trigueros**, President Instituto de la Ingeniería de España, IIE
- ✚ **Prof. José Vieira**, President World Federation of Engineering Organizations, WFEO

Saturday, March 4th 2023

8:30 *Registration*

9:00 *Opening*

- ✚ **José Luis Martínez Almeida**, Mayor of Madrid, Spain. Tbc.
- ✚ **D. Guillermo Cisneros**, Chancellor of Universidad Politécnica de Madrid
- ✚ **Antonio Colino**, President Royal Academy of Engineers.
- ✚ **Prof. José Vieira**, President of WFEO
- ✚ **José Trigueros**, President of IIE

10:00 *Keynote Speakers*

- ✚ **Speaker from Iberdrola**
- ✚ **Javier Targhetta**, President of Atlantic Copper
- ✚ **Ignacio Madrideoj Fernández**, CEO of Ferrovial
- ✚ **José Osuna Gómez**, General Director of TYPESA
- ✚ **Pedro Tomey Gómez**, General Director of Fundación AON
- ✚ **Speaker from Airbus**

11:30

COFFEE BREAK

12:00 *Keynote Speakers*

- ✚ **Stefania Giannini**, Assistant DG for Education of UNESCO, Former Minister of Education, University and Research of Italy. Tbc.
- ✚ **Dr. Marlene Kanga**, Past President WFEO
- ✚ **Prof. Gong Ke**, Immediate Past President WFEO.

13:00 *Closure*

- ✚ **Mustafa Shehu**, President Elect of WFEO.

13:30

TAPAS LUNCH