



**WORLD CONSTRUCTION FORUM 2019
NEWSLETTER
15.1.2019**

Dear Sirs/Madams,

We are happy to announce that Slovenia will be hosting **World Construction Forum 2019** this April. The forum will be held in Ljubljana, the capital city of Slovenia, from 8. – 11. April in Ljubljana's biggest congress venue called **Cankarjev dom**. It will be held under the title **Buildings and Infrastructure Resilience** and, we are very pleased to announce, under the honorary patronage of His Excellency Mr. Borut Pahor, President of the Republic of Slovenia.

A **spring meeting of World Federation of Engineering Organizations** will accompany this event from 6. – 8. April.

More: <https://www.wcf2019.org/>

PROGRAMME: A detailed programme is in a final stage of preparation

A detailed programme is in a final stage of preparation and is to be published in a few days. It will be available on the web page <https://www.wcf2019.org/programme/> where a preliminary programme can be seen already.

Program overview:

Monday, 8 April 2019:

Registration
Welcome Reception

Tuesday, 9 April 2019:

Forum Opening
Plenary Sessions

Wednesday, 10 April 2019:

Plenary Sessions in the morning
Plenary Sessions in the afternoon
Forum closing – acceptance of Ljubljana declaration
Gala dinner

Thursday, 11 April 2019:

Technical Visit

FORUM SECTIONS

6 plenary sessions will be simultaneously held in different halls and visitors will be divided into groups, so everyone will have the chance to participate in lectures of his/hers interest.

Energy in 21st Century – Resources Efficiency of Built Environment

focuses on questions related to Wind Power, Nuclear Power, Water Energy, Solar Energy, Sustainable Energy, with special emphasis on the technical and economic feasibility of energy issues of significance to society.

Chair: **Assist. Prof. Dr. Željko Vukelić**

Construction 4.0 – Advanced Construction Engineering

is the construction industry's version of Industry 4.0. In these systems the material world and the digital world merge and overlap into one – with the goal of creating not only high quality, inexpensive and sustainable, but also smart, interconnected and customized products for the end user.

Chair: **Prof. Dr. Žiga Turk**

Cultural Heritage in Digital World

This section is intended to give the viewpoint of lecturers and conferrers on questions related to the importance of digital technology in the integrated approach to cultural heritage. It aims to increase heritage asset resilience with the use of digital technology through the use of Historic building information modelling (HBIM).

Chair: **Prof. Dr. Roko Žarnić**

Disaster Risk Management & Governance for Resilient Communities

The quality of life of the citizens cannot be fully guaranteed because geophysical, hydrological, metrological, climatological and technological hazards, so in order to avoid them, we must first fully understand them and the risks that they pose to the community. This can be achieved by establishing an effective partnership between national authorities, professional organizations, code-writing bodies, civil defence units, construction industry, insurance and reinsurance companies, owners and other stakeholders exposed to risk.

Chair: **Dr. Villas Mujumdar**

Engineering Capacity Building

This section is intended to give the viewpoint of lecturers and conferrers on questions related to a key role that engineering professionals play in the global economy of the 21st Century, in the overall economic development activities of countries and regions, but only when the role of the engineering profession is well understood and utilized.

Chair: **M.Sc. Yashin Brijmohan**

Digitally engineered built environment: BIM lifecycle and Facility & Asset – Management

This theme is focusing on project information management for efficient collaborative digital workflows supported by BIM lifecycle – from advanced development of project information model for Design for Construction – to reality capturing/checking integration into asset information model for innovative Facility Management (FM) and Asset Management (AM).

Chair: **Assist. Prof. Dr. Tomo Cerovšek**

FORUM OPENING - KEY-NOTE SPEAKERS

We are proud to announce that highly respected professionals will hold their speeches at the forum opening:

Dr. Marlene Kanga, President of the World Federation of Engineering Organizations, a Fellow of the Australian Academy of Technology and Engineering and the ASEAN Academy of Engineering and Technology

Prof. Antonia Moropoulou, Professor at the National Technical University of Athens, Greece and President of the General Assembly of the Technical Chamber of Greece - **Novel, Sustainable Preservation of Modern and Historic Buildings and Infrastructure. The paradigm of the Holy Aedicule's Rehabilitation**

Prof. Dr. Peter Fajfar, Professor at the University of Ljubljana, member of the Slovenian Academy of Engineering - Earthquake resistant structures – **The key element of seismic resilience**

Prof. Jinxiu (Jenny) Yan, Vice President of the International Tunnelling and Underground Space Association (ITA), Vice President of the Chinese Tunnelling and Underground Works Society of CCES and Deputy General Manager of China Railway Academy Co., Ltd. - **Development of Tunneling Technology in China over the Past 40 Years**

More about key-note speakers: <https://www.wcf2019.org/cv/>

WFEO EXTENDED BOARD MEETING - 6. – 8. April 2019

In the days prior to WCF there will be a spring meeting of World Federation of Engineering Organizations extended executive board. It will be held in **Grand Hotel Union** from 6. – 8. April.

Detailed programme on WFEO Extended Board meetings: <https://www.wcf2019.org/programme/>

REGISTRATION IN PROGRESS

The registration **to the forum** and **to the WFEO meeting** is fully in progress.

Please **register on-line**: <https://cankarjevdom.eventsair.com/2019-world-construct-forum/wcf-2019-registration-site/Site/Register>

On-line registration enables you to register for the forum, the WFEO meeting, the social programme (accompanying events: technical visit, gala dinner), accommodation and sightseeing (trips).

More information on hotel accommodation, gala dinner, technical visit and sightseeing: <https://www.wcf2019.org/registration/>

FOLLOW US ON FACEBOOK AND LINKEDIN

Up-to date information about organisation of WCF 2019 and other interesting information about Slovenia and Ljubljana can be found on Facebook and LinkedIn.

We are kindly inviting you to join us and LIKE us at the **Facebook** page: <https://www.facebook.com/WCFLJ2019/>

And follow us on **LinkedIn**: <https://www.linkedin.com/company/inzenirska-zbornica-slovenije/>

ORGANIZERS & INFORMATION

Organizers:

Slovenian Chamber of Engineers
Faculty of Civil Engineering and Geodesy, University of Ljubljana
World Federation of Engineering Organizations

Information for speakers/authors:

Faculty of Civil Engineering and Geodesy, University of Ljubljana, secretariat@wcf2019.org

Information for WFEO Delegates:

Slovenian Chamber of Engineers, Ms Polona Okretic, E-mail: polona.okretic@izs.si , Phone: +386-1-547-33-17

Information on registration and accommodation:

Cankarjev dom, Cultural and Congress Centre, E-mail: registration@cd-cc.si , Phone: +386 1 241 7136, Fax: +386 1 241 7296

About forum:

<https://www.wcf2019.org/>