

The Committee on Engineering for Innovative Technologies (CEIT) has set its objectives in the area of technological advancements to identify and promote suitable technologies for sustainable development, especially in the context of the UN Sustainable Development Goals

WFEO-CEIT



WFEO-CEIT NEWSLETTER

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WFEO NEWS

World Construction Forum 2019 (WCF 2019)



The World Construction Forum 2019 was held in Ljubljana, Slovenia, from 8th to 11th, April. There were approximately 700 participants from 51 countries from five continents visited World Construction Forum. The Ljubljana Declaration was released at the end of this forum with the goal of contributing to the UN Sustainable Development Goals Agenda 2030.

Prof. Ke GONG, the President-Elect of WFEO, and Dr. Jing PENG, the Executive President of WFEO-CEIT and WFEO-CEIT secretariat participated in this two-day forum as well as the WFEO-related meetings, in which Dr. Peng briefed the participants on the activities in 2018 and plans for the near future.



Ljubljana Declaration announced



Prof. Ke Gong speaking at the Closing Ceremony



Dr. Jing Peng speaking at WFEO working meeting

☐ World Engineering Day for Sustainable Development



WFEO is leading the proposal to declare 4th March, the anniversary of the founding of WFEO in 1968, as the World Engineering Day for Sustainable Development, and has received some 80 letters of support from peak international and national institutions, academies and national commissions to UNESCO. The UNESCO Executive Board adopted a draft decision on 17 April in plenary session, recommending that the General Conference in November 2019 “decide to proclaim 4 March of every year World Engineering Day for Sustainable Development”. [Click to read more.](#)

☐ WFEO-CEIT to organize technical session at WEC2019

WFEO-CEIT is organizing a technical session, which focuses on innovative technologies such as big data and artificial intelligence, in the afternoon of November 21 Thursday during the World Engineers Convention ([WEC2019](#)) to be held in Melbourne, Australia. Seven reports, centering on the big data/AI theme, will be given also on the humanity, ethics, policy, infrastructure, 3D printing, decision-making and design guidance. [WEC2019 Technical Program](#) can be found here.

CEIT STRATEGIC PLAN 2019-2023

WFEO-CEIT is dedicated to be a leading international comprehensive platform for engineering professionals from multi-stakeholders to:

- Promote ethical and responsible development and application of Big Data and Artificial Intelligence.
- Identify the next innovative technologies for sustainable development.
- Share the innovative engineering experience in building a sustainable society.
- Enhance the national and international collaboration among multi-stakeholders to promote the innovative technology engineering for facilitating a sustainable world and sustain the SDGs.

☐ Focused Areas & Main Activities

(A) Big Data

To cooperate with the International Science Council (ISC) to expand further on the position paper on Big Data Ethics, which aims to attain a responsible application of Big Data.

(B) Artificial Intelligence

To facilitate the adoption of AI in the traditional fields of engineering for enhancing productivity, quality and achieving sustainable development.

(C) International Meridian Circle Project (IMCP)

To advocate for the International Meridian Circle Program internationally and acquire unprecedented ability to investigate the space weather and accumulate observation data to establish the space weather datasets.

(D) Innovative Technologies

To organize training courses or lectures to transfer the innovative technology knowledge for education.

☑ Focused SDGs – SDG9 Industry, innovation and infrastructure

The International Meridian Circle Project (IMCP) is initiated and lead by WFEO-CEIT, which aims to establish a global network of earthquake monitoring and integrate the sensing data onto the earth and space, combining the given earthquake monitoring technology with innovative technologies.



UPCOMING EVENTS



World Intelligence Congress (WIC)

16-19, MAY, TIANJIN, CHINA

<http://www.wicongress.org>



Engineering and Food Security in Africa

24-25, JUNE, TUNIS, TUNISIA

<http://efsafrica.org/en/>



World Robot Conference (WRC)

20-25, AUGUST, BEIJING, CHINA

<http://en.worldrobotconference.com>



World Engineers Convention (WEC2019)

20-22, NOVEMBER, MELBOURNE, AUSTRALIA

<https://www.wec2019.org.au>

Early Bird Registration: by 10 May, 2019

HOST OF WFEO-CEIT



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