

WFEO-CEIT Activity Report

(From October 2019 to April 2021)

CEIT hosted the *Session on Innovative Technologies* on Nov. 21 during the World Engineers Convention 2019 in Melbourne, Australia with 4 invited talks on guiding AI to benefit humanity, smart city empowered by cloud computing, industrial 3D printing, data-AI and decision making. [SDG 9]

CEIT led the *UN/WFEO Call for Innovations: Youth Creativity for Sustainable Transport* in 2020 that received seven submissions from six countries on smart transport, deformation inspection system, solar-powered electric vehicles, car accident reducing device, etc. Certificates signed by WFEO President were given to three of them in recognition of the excellence and innovativeness of their solutions. [SDG 9, 11]

CEIT co-organized the *2020 China Intelligent Industry Forum* in the *China International Fair for Trade in Services* on Sept. 7, 2020 with experts discussing the development trends and opportunities of the intelligent industry in the post-epidemic era. [SDG 9]

CEIT, jointly with YEFL, organized the webinar *A Sustainable Future: Young Engineers and the Fourth Industrial Revolution* on Sept. 18, 2020 during the *23rd China Beijing International High-Tech Expo* with four talks on the role of data, AI and sustainability concepts in the fourth industrial revolution, young engineers, data-driven business process, values of engineering, etc. [SDG 9]

CEIT, jointly with WiE in celebration of WED2021, organized the *Webinar on Engineering in Poverty Alleviation* on March 6, 2021, with nine speakers from five countries illustrating successful cases and sharing insights in the role engineering and innovations have played in poverty reduction. [SDG 1, 5, 9]

CEIT, jointly with YEFL in celebration of WED2021, organized the *Video Campaign: Young Engineers Leading the Way*, attracting 40+ young engineers from 20+ countries to submit clips that were later presented in an edited video.

CEIT set up the Big Data and AI Working Group in 2020 and drafted seven principles, released by WFEO for the World Engineering Day, to promote responsible conduct of big data and AI application and innovation in engineering.

CEIT actively contributed to the WFEO activities, including the celebration of World Engineering Day, the drafting of the UNESCO Engineering Report, the HLPF side events, etc.

CEIT regularly renews its membership, organizes working meetings, disseminates newsletters, etc. to enhance the capacity building and communication of the committee.