



CSRME NEWSLETTER

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CSRME Secretariat:
19 Beitucheng West Road
Chaoyang District
Beijing 100029, China
Website: www.csrme.com
Email: csrme@163.com

CHINESE SOCIETY FOR ROCK MECHANICS & ENGINEERING

A Symposium on Wudongde Hydropower Station was Successfully Held

On June 29, 2020, The commissioning ceremony of the first batch of generator units of the Wudongde Hydropower Station was held via online video conference. The main venue was in Beijing, and the branch venues were in other provinces like Yunnan and Sichuan, and so on. At the ceremony, they conveyed the important instructions from President Xi Jinping, Wudongde Hydropower Station is located at the border of Luquan County (Yunnan Province) and Huidong County (Sichuan Province). It has been constructed by China Three Gorges Group Co., Ltd. since December 2015. The installed gross capacity is 10.2 million KW and the average annual generating capacity is 38.91 billion KWH. All the generator units of Wudongde Hydropower Station were scheduled to be put into operation before July 2021.



On July 2, 2020, the Party Committee of the Science and Technology Community of the China Association for Science and Technology (CAST) and the Chinese Society for Rock Mechanics and Engineering (CSRME) jointly hosted a online video symposium on the theme of "Learning from General Secretary Xi Jinping's important instructions, adopting a new vision for development, and climbing new heights in science and technology". This symposium was presided over by professor Xiaoting Feng, President of CSRME.

Mr. Zhaoping Lv, a member of the Leading Party Members' Group and secretary of the Secretariat of the CAST, and professor Qihu Qian, the Chairman of the Board of Supervisors and the winner of the Highest National Science and Technology Award, attended this video symposium.

The rest of the attendees included the members of the Party Committee of the CSRME Council, all the CSRME directors, the representatives of units participating in the construction of Wudongde Hydropower Station, the representatives of scientific and technological workers in the field of rock mechanics and engineering involved in the construction of the Wudongde Hydropower Station, the representatives of 13 national societies in the second group of the pilot work under the control of the party committee of the CSRME council, and related units and individuals.

This symposium was broadcast live on the "Kejie" platform through the "Tencent Conference Room". The cumulative viewing times of this symposium reached more than 28,000.

Prof. Fengshou Zhang Delivered the Fourth Lecture of the "Propylite" Academic Salon Series



The fourth lecture of the "Propylite" academic salon series hosted by the Chinese Society for Rock Mechanics and Engineering (CSRME) was held on the morning of July 11, 2020. Prof. Fengshou Zhang from Tongji University, delivered a wonderful online lecture entitled "Recent progresses on the multi-physical problems in the exploration of deep underground" through "Zhuanjiabao" - a live broadcast platform for engineering experts. The academic salon was moderated by Dr. Xin Huang, the secretary in general of the Youth Working Committee of CSRME.

During the lecture, Prof. Feng firstly introduced the research background and some typical deep underground engineering practice. Then, Prof. Feng presented some of the recent work from his research group on the multi-scale and multi-physical simulations, advanced laboratory tests and engineering applications on hydraulic fracturing and fault sliding issues for shale gas extraction. Nearly 1100 audiences from both domestic and oversea watched the lecture online and Prof. Zhang and the audience had very intensive interactions regarding the challenges of

multi-physical simulations and secondary development of existing software incorporating multi-scale and multi-physical theories at the end of the lecture. The Q&A lasted for nearly 1 hour.

The purpose of launching the online academic salon series "Propylite" is to overcome the obstacles to academic communication in this unusual period due to the COVID-19 pandemic. The salon aims at strengthening the academic communications among young scholars in rock mechanics and engineering, and stimulating the academic atmosphere.