

8 July 2019

Eurasian OpenSEES Days on 20 and 21 June 2019

The Department of Building Services Engineering (BSE) of The Hong Kong Polytechnic University (PolyU) was pleased to report that the first Eurasian Conference on the Open System for Earthquake Engineering Simulation (OpenSEES) was held at PolyU on 20 and 21 June 2019.

As a platform for scholars and engineers from all over the world to share the latest computational tools for complex engineering analysis and design, the conference consisted of over 40 presentations, including 3 keynote speeches from leading academics: Prof. Filip Filippou of the University of California at Berkeley, Prof. Xinzheng Lu of Tsinghua University, and Prof. Giorgio Monti of La Sapienza University of Rome. Prof. You-Lin Xu, Dean of the Faculty of Construction and Environment (FCE) of PolyU, gave a welcome address at the opening ceremony. The organizing committee was led by Prof. Asif Usmani, Head of BSE.



Prof. You-Lin Xu



Prof. Asif Usmani

Attracting over 130 participants, the conference provided an overview of the latest developments made on the OpenSEES framework as well as presented some research and practical outcomes in which OpenSEES plays an important role.

The OpenSEES is a software framework for simulating the seismic response of structural and geotechnical systems. OpenSEES has been developed as the computational platform for research in performance-based earthquake engineering at the Pacific Earthquake Engineering Research Center.



Group photos of some participants

A one-day annual workshop providing foundational knowledge on using OpenSEES at a level suitable for beginner and intermediate users was arranged on 18 June 2019. Following the users' workshop, a developers' workshop had been arranged to delve into introduction of new modules into the OpenSEES framework, such as new material and element models, through various hands-on exercises on 20 June 2019.

BSE would like to congratulate the success of the conference. We look forward to seeing the participants in BSE activities in the near future.