

Invited talk at 11th Conference on Seismic Protective Systems in China (October 21-22, 2019)

Theme : Seismic protective systems
 Place : Xiangtan, Hunan Province, China

Prof. Kohju Ikago and Dr. Dawei Li (JSPS post-doctoral fellow) of IRIDeS attended the 11th Conference on seismic protective systems in China that was hosted by Hunan University of Science and Technology and held in Xiangtan, Hunan Province, China during October 21 to 22, 2019.

In the beginning, Prof. Fulin Zhou, the chair of the conference, summarized the four decades histories of the seismic protective technologies, gave suggestions for the future seismic protection, and introduced on going projects to build the world largest experimental facilities in China.

In the invited talk given by Prof. Kohju Ikago of IRIDeS, Tohoku Univ., issues of excessive displacement in large scale structures caused by low-frequency ground motions was discussed. Concerns about deformation concentration and torsional collapse of high-rise buildings that might be caused by bifurcation type buckling when subjected to extreme seismic events are addressed. The discussions on counter measures to address these issues then followed. Dr. Dawei Li gave presentation on development and performance analysis of an innovative eddy current inerter damper.



Opening ceremony



Opening address by Prof. Fulin Zhou



Invited talk by Prof. Ikago



Conferment of certificate of invited talk to Prof. Ikago