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29th IAHR Symposium on Hydraulic Machinery and Systems

September 16-21, 2018, Kyoto, Japan

Technical Sessions (Tuesday Afternoon, September 18)

Tuesday Afternoon (September 18) 13:30 - 15:30

WS: Energy Storage 4 (RY306)

Chairs: Mr. Ryoji Suzuki (Voith Fuji Hydro K.K., Japan), Dr. Arthur Favrel (Waseda University, Japan)

[IAHR2018-110](#) “Renovation of the Pumped-Storage System from Fixed Speed to Adjustable Speed at Okutataragi Power Station”, Hiroyuki Tanaka (Kansai Electric Power Company, Incorporated, Japan)

[IAHR2018-070](#) “Short-term Hydro Scheduling of a Variable Speed Pumped Storage Hydropower Plant Considering Head Loss in a Shared Tunnel”, Jiehong Kong (SINTEF Energy Research, Norway), Hans Ivar Skjelbred (SINTEF Energy Research, Norway), Hubert Abgottspon (Axpo Trading AG, Switzerland)

[IAHR2018-322](#) “Modelling and simulation of flexible power control of variable-speed pumped storage plants using MATLAB/Simulink”, Weijia Yang (Wuhan University, China), Jiandong Yang (Wuhan University, China)

[IAHR2018-259](#) “Study on Intense Vibration of Local Structures of Some Pumped-storage Powerhouse”, Jin Wei Li (China Institute of Water Resources and Hydropower Research, China), Zhen Fu Gu (Hebei Zhanghewan Pumped Storage Power Generation Co. Ltd., China), Hai Feng Zhu (Hebei Zhanghewan Pumped Storage Power Generation Co. Ltd., China), Ji Xing Yu (China Institute of Water Resources and Hydropower Research, China), Jin Hui Ouyang (China Institute of Water Resources and Hydropower Research, China)

[IAHR2018-312](#) “Super Grid Prospects in North-East Asia”, Young-Ho Lee (Korea Maritime and Ocean University, Korea)