



Technical Sessions (Monday Evening, September 17)

Monday Evening (September 17) 15:20 - 17:40

WS: Energy Storage 2 (RY306)

Chairs: Prof. Aleksandar Gajic (Academy of Engineering Sciences of Serbia, Serbia), Prof. Xianwu Luo (Tsinghua University, China)

[IAHR2018-140](#) “Pressure Pulsations During a Fast Transition from Pump to Turbine Mode of Operation in Laboratory and Field experiment”, Magni F. Svarstad (Norwegian University of Science and Technology, Norway), Torbjorn K. Nielsen (Norwegian University of Science and Technology, Norway)

[IAHR2018-209](#) “CFD simulation of transient startup for a low specific-speed pump-turbine”, Ernesto Casartelli (Hochschule Luzern, Technik & Architektur, Switzerland), Oliver Ryan (Hochschule Luzern, Technik & Architektur, Switzerland), Angelika Schmid (Hochschule Luzern, Technik & Architektur, Switzerland), Luca Mangani (Hochschule Luzern, Technik & Architektur, Switzerland)

[IAHR2018-029](#) “Transient Simulation of Model Pumped Storage Hydropower Plant during Load-Rejection Scenarios by using 1D–3D Simulation”, Chengcheng Yin (Wuhan University, China), Jiandong Yang (Wuhan University, China), Wei Zeng (The University of Adelaide, Australia), Yongguang Cheng (Wuhan University, China)

[IAHR2018-292](#) “Transfer of transient conditions from prototype to closed-loop model test rig”, Johannes Junginger (University of Stuttgart, Germany), Stefan Riedelbauch (University of Stuttgart, Germany), Oliver Kirschner (University of Stuttgart, Germany)

[IAHR2018-072](#) “Influence of nonlinear pulsating characteristic on the simulation of the load rejection process in a pump-turbine”, Xiaolong Fu (Harbin Institute of Technology, China), Guodong Li (Harbin Institute of Technology, China), Deyou Li (Harbin Institute of Technology, China), Hongjie Wang (Harbin Institute of Technology, China), Guanghui Zhang (Harbin Institute of Technology, China), Wei Li (Harbin Institute of Technology, China), Xianzhu Wei (Harbin Institute of Technology, China)

[IAHR2018-342](#) “Hydraulic transient Simulation and Characteristic Investigation on Kaplan Type Hydroelectric Power Plant with Open Channel”, Sheng Chen (Hohai University, China), Jian Zhang (Hohai University, China), Xiaodong Yu (Hohai University, China)