



Technical Sessions (Tuesday Morning, September 18)

Tuesday Morning (September 18) 10:10 - 12:10

Hydraulic Turbines 6 (RY203)

Chairs: Mr. Kotaro Tezuka (Toshiba Corporation, Japan), Dr. Peter Doerfler (Hydro Adviser LLC, Switzerland)

[IAHR2018-451](#) “An Experimental Investigation of Cavitation Surge in Draft tube of Francis Turbine”, Koichi Yonezawa (Central Research Institute of Electric Power Industry, Japan)

[IAHR2018-457](#) “Oscillation investigation of hydraulic generating unit induced by pressure fluctuation of draft tube vortex during load-up transient process”, Leike Zhang (Taiyuan University of Technology, China), Yi Xu (Shenyang Academy of Environmental Science, China), Qianqian Wu (Sanjiang University, China), Zhenyue Ma (Dalian University of Technology, China), Xueni Wang (Taiyuan University of Technology, China)

[IAHR2018-007](#) “Numerical Study on the Flow in Balancing Hole”, Jun Matsui (Yokohama National University, Japan), Atsushi Okubo (Yokohama National University, Japan), Yousuke Yamashita (Yokohama National University, Japan)

[IAHR2018-006](#) “Very Large Eddy Simulation of the Swirling Flow in Draft Tube of Francis Turbine”, Huan Cheng (Dongfang Electrical Machinery Co., Ltd., China), Ling Jiu Zhou (China Agricultural University, China), Yong Zhi Zhao (Dongfang Electrical Machinery Co., Ltd., China)

[IAHR2018-032](#) “Optimized design the pump turbine based on LDV and PIV”, Demin Liu (Dongfang Electric Machinery CO., LTD, China), Yongzhi Zhao (Dongfang Electric Machinery CO., LTD, China), Zhigang Zuo (Tsinghua University, China)