



Technical Sessions (Thursday Morning, September 20)

Thursday Morning (September 20) 10:10 - 12:10

Computational and Experimental Technique 4 (RY303)

Chairs: Dr. Xiaojun Li (Zhejiang Sci-Tech University, China), Prof. Xuelin Tang (China Agricultural University, China)

[IAHR2018-253](#) “Cost-effective CFD for vortex shedding from a trailing edge of hydraulic turbine blade”, Sadao Kurosawa (Toshiba Corporation , Japan), Masahiko Nakazono (Toshiba Corporation , Japan)

[IAHR2018-272](#) “GPU-Accelerated Pelton Turbine Simulation Using Finite Volume Particle Method with Linear Eddy Viscosity Models”, Siamak Alimirzazadeh (Ecole Polytechnique Federale de Lausanne, Switzerland), Takashi Kumashiro (Hitachi Mitsubishi Hydro Corporation, Japan), Sebastian Leguizamon (Ecole Polytechnique Federale de Lausanne, Switzerland), Audrey Maertens (Ecole Polytechnique Federale de Lausanne, Switzerland), Ebrahim Jahanbakhsh (Ecole Polytechnique Federale de Lausanne, Switzerland), Kiyohito Tani (Hitachi Mitsubishi Hydro Corporation, Japan), Francois Avellan (Ecole Polytechnique Federale de Lausanne, Switzerland)

[IAHR2018-290](#) “Pump to Turbine Transient for a Pump-Turbine in a Model Test Circuit and a Real Size Power Plant”, Stefan Riedelbauch (University of Stuttgart, Germany), Christine Stens (University of Stuttgart, Germany)

[IAHR2018-300](#) “Simulation Research on the Damping Direct Injection Method of Hydro Turbine Generating Unit Under Multi-machine Condition”, Jing Qian (Kunming University of Science and Technology, China), Yun Zeng (Kunming University of Science and Technology, China), Jiamin Gen (Kunming University of Science and Technology, China), Zhiming Ma (Kunming University of Science and Technology, China)

[IAHR2018-301](#) “Parameters Design and Simulation Research of Water Pressure Phase Compensation Link in Governor Side of HydroTurbine Generating Unit”, Yun Zeng (Kunming University of Science and Technology, China), Jing Qian (Kunming University of Science and Technology, China), Shige Yu (Kunming University of Science and Technology, China), Guangbo Yang (Kunming University of Science and Technology, China), Zhengkai Zhang (Kunming University of Science and Technology, China), Fangfang Wang (Kunming University of Science and Technology, China), Jikun Zhang (Kunming University of Science and Technology, China)