



## Technical Sessions (Wednesday Morning, September 19)

### Wednesday Morning (September 19) 10:10 - 12:10

#### Sustainable Hydropower 1 (RY203)

Chairs: Prof. Shouichiro Iio (Shinshu University, Japan), Dr. Yusuke Katayama (Kyushu University, Japan)

[IAHR2018-015](#) “Experimental assessing the effect of decompression on Crucian Carps injury during turbine passage and the optimization methods”, Long Meng (China Institute of Water Resources and Hydropower Research, China), Wanpeng Wang (China Institute of Water Resources and Hydropower Research, China), Cuilin Liao (China Institute of Water Resources and Hydropower Research, China), Lice Zhao (China Institute of Water Resources and Hydropower Research, China), Tieyou Li (China Institute of Water Resources and Hydropower Research, China), Haiping Zhang (China Institute of Water Resources and Hydropower Research, China), Bingquan Ma (China Institute of Water Resources and Hydropower Research, China)

[IAHR2018-126](#) “Study on High Pressure Design of Contra-Rotating Small Hydroturbine”, Takuji Hosotani (Tokushima University, Japan), Toru Shigemitsu (Tokushima University, Japan), Yuki Kawaguchi (Tokushima University, Japan), Tomofumi Ikebuchi (Tokushima University, Japan)

[IAHR2018-066](#) “Numerical Investigation of Performance and Flow Patterns of a Modified Savonius Hydraulic Rotor”, Yongchao Zhang (Jiangsu University, China), Can Kang (Jiangsu University, China), Chen Pan (Jiangsu University, China), Wisdom Opare (Takoradi Technical University, Ghana)

[IAHR2018-069](#) “Experimental Analysis of the Operation of a Small Francis Turbine Equipped with an Innovative Aeration Device”, Diana M Bucur (University POLITEHNICA of Bucharest, Romania), Georgiana Dunca (University POLITEHNICA of Bucharest, Romania), Florentina Bunea (National Institute for R&D in Electrical Engineering ICPE-CA, Romania), Gabriel D Ciocan (Universite Laval, Canada)

[IAHR2018-071](#) “A Comparison of Linear Interpolation and Spline Interpolation for Turbine Efficiency Curves in Short-term Hydropower Scheduling Problems”, Hans Ivar Skjelbred (SINTEF Energy Research, Norway), Jiehong Kong (SINTEF Energy Research, Norway)