



## Technical Sessions (Wednesday Afternoon, September 19)

### Wednesday Afternoon (September 19) 13:10 - 15:10

#### Pumps 7 (RY204)

Chairs: Prof. Jun Matsui (Yokohama National University, Japan), Prof. Adrian Stuparu (University Politehnica Timisoara, Romania)

[IAHR2018-001](#) “Numerical study of air-entraining and submerged vortices in pump sump”, Shinichiro Yanase (Okayama University, Japan), Ryo Yamasaki (Tsurumi Manufacturing Co.,LTD., Japan), Toshinori Kouchi (Okayama University, Japan), Yasunori Nagata (Okayama University, Japan), Shunji Higuchi (Tsurumi Manufacturing Co.,LTD., Japan), Toshihiko Kawabe (Tsurumi Manufacturing Co.,LTD., Japan), Toshihiro Takami (Okayama University of Science, Japan), Shunsuke Hosoda (Okayama University, Japan)

[IAHR2018-028](#) “Influence of the inlet vortex on axial flow pump unit”, Jie Xi Song (Yangzhou University, China), Chao Liu (Yangzhou University, China), Fan Yang (Yangzhou University, China)

[IAHR2018-036](#) “The Numerical Optimization and Model Test of Axial Flow Pump Device with Elbow Inlet Flow Channel”, Chuanliu Xie (Yangzhou University, China), Fangping Tang (Yangzhou University, China), Fan Yang (Yangzhou University, China), Wenpeng Zhang (Yangzhou University, China), Jiren Zhou (Yangzhou University, China), Haiyu Liu (Yangzhou University, China)

[IAHR2018-040](#) “An Experimental Study on Air Entrainment in a Suction Sump in Over-Critical-Submergence Condition”, Akira Morita (Doshisha University, Japan), Katsuya Hirata (Doshisha University, Japan), Masakatsu Hattori (Doshisha University, Japan), Tsuyoshi Maeda (Doshisha University, Japan), Takashi Noguchi (Kyoto University, Japan)

[IAHR2018-102](#) “Experimental Investigation of a Pumping Station from CET Powerplant Timisoara”, Adrian Stuparu (Politehnica University Timisoara, Romania), Alexandru Baya (Politehnica University Timisoara, Romania), Alin Bosioc (Politehnica University Timisoara, Romania), Liviu Anton (Politehnica University Timisoara, Romania), Daniel Mos (Politehnica University Timisoara, Romania)

[IAHR2018-122](#) “Numerical Simulation of Vortices Behavior in a Pump Sump”, Young Ho Lee (Korea Maritime and Ocean University, Korea), Ayham Amin Al Habashna (Korea Maritime and Ocean University, Korea), Chang Gu Kim (Korea Maritime and Ocean University, Korea), Byung Ha Kim (Korea Maritime and Ocean University, Korea)