



Technical Sessions (Tuesday Afternoon, September 18)

Tuesday Afternoon (September 18) 13:30 - 15:30

Pumps 4 (RY204)

Chairs: Dr. Romain Prunières (Hitachi, Ltd., Japan), Prof. Teichi Tanaka (National Institute of Technology, Kumamoto College, Japan)

[IAHR2018-038](#) “Response of Backflow to Flow Rate and Pressure Fluctuations in Centrifugal Pump”, Wenzhe Kang (China Agricultural University, China), Lingjiu Zhou (China Agricultural University, China), Zhengwei Wang (Tsinghua University, China), Wei Wang (China Agricultural University, China)

[IAHR2018-053](#) “Study on pressure pulsation characteristics of Two-way pumping system with super low head and large flow”, Weixuan Jiao (Yangzhou University, China), Li Cheng (Yangzhou University, China), Can Luo (Yangzhou University, China), Di Zhang (Yangzhou University, China)

[IAHR2018-087](#) “Influence of impeller vane arrangement on energy performance and pressure fluctuation of a double-suction centrifugal pump”, Yu Song (Tsinghua University, China), Yongyao Luo (Tsinghua University, China)

[IAHR2018-208](#) “Experimental study on radiation noise characteristics of multistage centrifugal pump under variable speed conditions”, J. P. Yuan (National Research Center of Pumps in Jiangsu University. China, China), K. L. Huang (National Research Center of Pumps in Jiangsu University. China, China), Q. R. Si (National Research Center of Pumps in Jiangsu University. China, China), B. L. Zhou (National Research Center of Pumps in Jiangsu University. China, China), G. C. Sheng (National Research Center of Pumps in Jiangsu University. China, China), Y. F. Tang (National Research Center of Pumps in Jiangsu University. China, China)

[IAHR2018-240](#) “Pressure pulsation characteristics of the cascade and its impact on flow-induced noise”, Hui Quan (Lanzhou University of Technology, China), Ren Nian Li (Lanzhou University of Technology, China), Jin Li (Lanzhou University of Technology, China), BaiHeng Fu (Lanzhou University of Technology, China), ShiFang Yuan (Lanzhou University of Technology, China), Yi Chai (Lanzhou University of Technology, China), XiaoYu Chai (Lanzhou University of Technology, China)

[IAHR2018-289](#) “Linear and Nonlinear Stability Analysis of Rotating Stall in a Wide Vaneless Diffuser”, Yaguang Heng (Xihua University, China), Antoine Dazin (Ecole nationale superieure d'arts et metiers, France), Najib Ouarzazi (Universite Lille 1, France), Gerard Bois (Ecole nationale superieure d'arts et metiers, France)