



Technical Sessions (Wednesday Afternoon, September 19)

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

Cavitation and Multiphase Flow 7 (RY305)

Chairs: Prof. Mohamed Farhat (EPFL, Switzerland), Prof. Shuliang Cao (Tsinghua University, China)

[IAHR2018-129](#) “Interphase Characteristic Analysis in the whole flow passage of a Multiphase Rotodynamic Pump”, Wenwu Zhang (Beijing Institute of Technology, China), Zhiyi Yu (Beijing Institute of Technology, China), Yongjiang Li (Beijing Institute of Technology, China)

[IAHR2018-177](#) “Analysis of Bubble Distribution Characteristics in a Multiphase Rotodynamic Pump”, Yong Jiang Li (Beijing Institute of Technology, China), Zhi Yi Yu (Beijing Institute of Technology, China), Wen Wu Zhang (Beijing Institute of Technology, China)

[IAHR2018-246](#) “Numerical research of the particles erosion within the double suction centrifugal pump”, Haifeng Li (KSB Shanghai Pump Co., LTD., China), Zaibing Pan (KSB Shanghai Pump Co., LTD., China)

[IAHR2018-445](#) “Investigation of internal flow pattern of a multiphase axial pump”, Takeshi Sano (Mitsubishi Heavy Industries, Ltd., Japan), Yun Xu (Tsinghua university, China), Tokiya Wakai (Mitsubishi Heavy Industries, Ltd., Japan), Martino Reclari (Mitsubishi Heavy Industries, Ltd., Japan), Shu liang Cao (Tsinghua university, China)

[IAHR2018-447](#) “CFD Simulation of the Inlet Gas Void Fraction Effect on Multistage Electrical Submersible Pump.”, Sina Yan (Xi'an University of Technology, China), Xingqi Luo (Xi'an University of Technology, China), Lefu Zhang (Xi'an University of Technology, China), Jianjun Feng (Xi'an University of Technology, China), Guojun Zhu (Xi'an University of Technology, China), Senlin Chen (Xi'an University of Technology, China), Denghui He (Xi'an University of Technology, China), Chenhao Li (Xi'an University of Technology, China)

[IAHR2018-235](#) “Study on the influence of cavitation on the performance of nuclear main pump”, Shuyan Zhang (Lanzhou University of Technology, China), Xiaorui Cheng (Lanzhou University of Technology, China)