



Technical Sessions (Monday Evening, September 17)

Monday Evening (September 17) 15:20 - 17:40

Cavitation and Multiphase Flow 2 (RY305)

Chairs: Prof. Yu Ito (Tokyo Institute of Technology, Japan), Prof. Regiane Fortes Patella (University of Grenoble, France)

[IAHR2018-011](#) “Numerical simulation using the bubble size distribution model of cryogenic cavitation around an axial helical inducer”, Yu Ito (Tokyo Institute of Technology, Japan), Xiao Zheng (Tokyo Institute of Technology, Japan), Takao Nagasaki (Tokyo Institute of Technology, Japan)

[IAHR2018-116](#) “The Simulation of Asymmetric Micro-Textures on the Lubrication Characteristics of Sliding Friction Pairs”, Dongni Liu (Dalian Maritime University, China), Zhijun Yan (Dalian Maritime University, China), Xueliang Yan (Dalian Maritime University, China), Xinhe Zhu (Dalian Maritime University, China), Dong Cheng (Dalian Maritime University, China), Xun Fang (Dalian Maritime University, China), Cheng Xue (Tsinghua University, China)

[IAHR2018-127](#) “Cavitation Aggressiveness on a Hydrofoil”, Jean-Bastien Carrat (LEGI, Univ. Grenoble Alpes, CNRS, France), Timo Bouvard (LEGI, Univ. Grenoble Alpes, CNRS, France), Regiane Fortes Patella (LEGI, Univ. Grenoble Alpes, CNRS, France), Jean-Pierre Franc (LEGI, Univ. Grenoble Alpes, CNRS, France)

[IAHR2018-284](#) “From nucleation to cloud cavitation”, Peter F. Pelz (TU Darmstadt, Germany), Johannes Buttenbender (TU Darmstadt, Germany), Thomas Keil (TU Darmstadt, Germany), Tim F. Gross (TU Darmstadt, Germany), Alexander Terwort (TU Darmstadt, Germany)

[IAHR2018-351](#) “Numerical investigation on flow field characteristics of Helmholtz Oscillator”, Zhenlong Fang (Wuhan University of Technology, China), Qiang Wu (Wuhan University of Technology, China), Pan Jiang (Wuhan University of Technology, China), Wei Wei (Wuhan University of Technology, China)