



Technical Sessions (Tuesday Evening, September 18)

Tuesday Evening (September 18) 15:50 - 17:50

Cavitation and Multiphase Flow 5 (RY305)

Chairs: Dr. Fumio Shimizu (Kyushu Institute of Technology, Japan), Dr. Dragica Jost (Kolektor Turboinstitut, Slovenia)

[IAHR2018-171](#) **“A Simplified Thermodynamic Effect Model for Cavitating Flow in Hot Water”**, Anh Dinh Le (Japan), Yuka Iga (Institute of Fluid Science, Japan)

[IAHR2018-297](#) **“Numerical investigation of thermal cavitating flows in fluoroketone over a NACA 0015 hydrofoil”**, Shaofeng Zhang (Zhejiang Sci-Tech University, China), Xiaojun Li (Zhejiang Sci-Tech University, China), Zuchao Zhu (Zhejiang Sci-Tech University, China), Zhe Lin (Zhejiang Sci-Tech University, China)

[IAHR2018-383](#) **“Performance of V-Cone Flowmeter Applied to Cryogenic Fluid Measurement Considering Cavitation”**, Denghui He (Xi'an University of Technology, China), Bofeng Bai (Xi'an Jiaotong University, China), Senlin Chen (Xi'an University of Technology, China), Jie Zhang (Xi'an University of Technology, China), Pengcheng Guo (Xi'an University of Technology, China)

[IAHR2018-314](#) **“Development of gaseous cavitation model in hydraulic oil flow considering the effect of dynamic stimulation.”**, Yosuke Ibata (Tohoku University, Japan), Yudai Matsuura (Tohoku University, Japan), Shunpei Takahashi (Tohoku University, Japan), Yuka Iga (Tohoku University, Japan)

[IAHR2018-283](#) **“Modelling of a converging/diverging tube using CATHARE-3 two-phase flow system code for sodium cavitation studies.”**, Laura Matteo (CEA, Universite Paris-Saclay, France), Gedeon Mauger (CEA, Universite Paris-Saclay, France), Nicolas Tauveron (CEA Grenoble, France)

[IAHR2018-168](#) **“Effect of Suction Pipe Inlet Condition on the Occurrence of Vortex in Pump Sump”**, Ming Guo (Mokpo National University, Korea), Zhenmu Chen (Mokpo National University, Korea), Young-Do Choi (Institute of New and Renewable Energy Technology Research, Korea)