



Technical Sessions (Thursday Morning, September 20)

Thursday Morning (September 20) 10:10 - 12:10

Cavitation and Multiphase Flow 9 (RY305)

Chairs: Dr. Motohiko Nohmi (Ebara Corporation, Japan), Dr. Qin Wu (Tsinghua University, China)

[IAHR2018-236](#) “Vibration and Flow Characteristics near Cavitation Occurrence in Mixed-Flow Pump”, Hyeonmo Yang (Korea Institute of Industrial Technology, Korea), Kyoung-Yong Lee (Korea Institute of Industrial Technology, Korea), Jin-Hyuk Kim (Korea Institute of Industrial Technology, Korea), Young-Seok Choi (Korea Institute of Industrial Technology, Korea)

[IAHR2018-243](#) “Numerical Prediction of Efficiency and Cavitation for a Pelton Turbine”, Dragica Jost (Kolektor Turboinstitut, Slovenia), Aljaz Skerlavaj (Kolektor Turboinstitut, Slovenia), Mitja Morgut (University of Trieste, Italy), Valentin Pirnat (Kolektor Turboinstitut, Slovenia), Enrico Nobile (University of Trieste, Italy)

[IAHR2018-338](#) “Water Column Separation at Turbine Start Up Loading”, Aleksandar Gajic (Universiyu of Belgrade, Serbia), Stanislav Pejovic (Toronto University, Canada)

[IAHR2018-344](#) “Numerical Study on Cavitating Flow-induced Vibration of Liquid Rocket Engine Inducer”, Qin Wu (Tsinghua University, China), Biao Huang (Beijing Institute of Technology, China), Hanzhe Zhang (Beijing Institute of Technology, China), Guoyu Wang (Beijing Institute of Technology, China), Shuliang Cao (Tsinghua University, China)

[IAHR2018-345](#) “Effect of Different Start-up Characteristics on the Cavitation Performance in Rotary Lobe Pump”, Yibin Li (Lanzhou University of Technology, China), Dongsheng Guo (Lanzhou University of Technology, China)

[IAHR2018-432](#) “Cavitation erosion testing of different cavitation-resistant materials and coatings using the cavitating jet method”, Pavel Rudolf (Brno University of Technology, Czech), Martin Julis (Brno University of Technology, Czech), Pavel Gejdos (Brno University of Technology, Czech), Lenka Klakurkova (Brno University of Technology, Czech), Martin Hudec (Brno University of Technology, Czech)