



## Technical Sessions (Wednesday Evening, September 19)

### Wednesday Evening (September 19) 15:30 - 17:10

#### Cavitation and Multiphase Flow 8 (RY305)

Chairs: Dr. Zhigang Zuo (Saitama University, Japan), Dr. Donghyuk Kang (Saitama University, Japan)

[IAHR2018-075](#) “**Stochastic modelling of cavitation erosion in Francis runner**”, Quentin Chatenet (Ecole de Technologie Supérieure, Canada), Laurent Ton That (Institut de recherche d'Hydro-Québec, Canada), Martin Gagnon (Institut de recherche d'Hydro-Québec, Canada), Mitra Fouladirad (Université de Technologie de Troyes, France), Antoine Tahan (Ecole de Technologie Supérieure, Canada), Emmanuel Remy (EDF R&D, France)

[IAHR2018-229](#) “**Cavitation in a Spool Valve for Water Hydraulics**”, Hitomi Okabe (Graduate School of Science and Technology, Shinshu University, Japan), Yukiko Tanaka (Faculty of Engineering, Shinshu University, Japan), Akari Watanabe (Faculty of Engineering, Shinshu University, Japan), Futoshi Yoshida (KYB Corporation, Japan), Shouichiro Iio (Faculty of Engineering, Shinshu University, Japan), Yoshiaki Haneda (National Institute of Technology, Nagano College, Japan)

[IAHR2018-230](#) “**Influence of gas desorption in a safety relief valve undergoing cavitation**”, Marcos Lema (University of A Coruña, Spain), Anne Gosset (University of A Coruña, Spain), Fernando Lopez Pena (University of A Coruña, Spain)

[IAHR2018-299](#) “**Comparative research on various turbulence closure models for unsteady cavitation flows in the ultra-low specific speed centrifugal pump**”, Cong Wang (China University of Petroleum-Beijing, China), Yongxue Zhang (China University of Petroleum-Beijing, China), Jinya Zhang (China University of Petroleum-Beijing, China), Zhiwei Li (China University of Petroleum-Beijing, China), Ao Xu (China University of Petroleum-Beijing, China)

[IAHR2018-353](#) “**Detection of erosive cavitation on hydraulic turbines. Field Assessment**”, Alexandre Presas (Tsinghua University, China), David Valentin (UPC, Spain), Monica Egusquiza (UPC, Spain), Came Valero (UPC, Spain), Eduard Egusquiza (UPC, Spain), Yongyao Luo (Tsinghua University, China), Zhengwei Wang (Tsinghua University, China)