



Technical Sessions (Wednesday Evening, September 19)

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

Hydraulic Turbines 11 (RY202)

Chairs: Dr. Kiyohito Tani (Hitachi Mitsubishi Hydro Corporation, Japan), Prof. Claire Deschenes (Laval University, Canada)

[IAHR2018-198](#) **“Investigation of the BulbT conical diffuser flow dynamics with TR-PIV and pressure measurements”**, Jean-David Buron (Universite Laval, Canada), Sebastien Houde (Universite Laval, Canada), Claire Deschenes (Universite Laval, Canada)

[IAHR2018-199](#) **“Sensitivity of the Winter-Kennedy method to inlet and runner blade angle change on a Kaplan turbine”**, Binaya Baidar (Lulea University of Technology, Sweden), Jonathan Nicolle (Institut de recherche d'Hydro-Québec, Canada), Bhupendra K. Gandhi (Indian Institute of Technology Roorkee, India), Michel J. Cervantes (Lulea University of Technology, Sweden)

[IAHR2018-218](#) **“Pressure Pulsations and Fatigue Loads in High Head Francis Turbines”**, Bjorn Winther Solemslie (Norwegian University of Science and Technology, Norway), Chirag Trivedi (Norwegian University of Science and Technology, Norway), Einar Agnalt (Norwegian University of Science and Technology, Norway), Ole Gunnar Dahlhaug (Norwegian University of Science and Technology, Norway)

[IAHR2018-220](#) **“Onboard measurements of pressure pulsations in a high head Francis model runner”**, Einar Agnalt (NTNU, Norway), Bjorn W Solemslie (NTNU, Norway), Ole-Gunnar Dahlhaug (NTNU, Norway)

[IAHR2018-099](#) **“Influence of draft tube water injection system on cavitation behaviour in a full-scale Francis turbine with visual access”**, Ingrid K. Vilberg (Norwegian University of Science and Technology, Norway), Morten Kjeldsen (Flow Design Bureau AS, Norway), Xavier Escaler (Universitat Politecnica de Catalunya, Spain), Jarle V. Ekanger (Flow Design Bureau AS, Norway), Torbjorn K. Nielsen (Norwegian University of Science and Technology, Norway)