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Engineering and Research

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29th IAHR Symposium on Hydraulic Machinery and Systems

September 16-21, 2018, Kyoto, Japan

Technical Sessions (Wednesday Evening, September 19)

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

Sustainable Hydropower 3 (RY203)

Chairs: Prof. Toru Shigemitsu (University of Tokushima, Japan), Prof. Long Meng (China Institute of Water Resources and Hydropower Research, China)

[IAHR2018-405](#) “A Study on Performance Prediction of Darrieus-type Hydroturbine Operated in Open Channels Using CFD with Actuator Disk Method”, Yoshitaka Suzuki (Kyushu University, Japan), Yusuke Katayama (Kyushu University, Japan), Satoshi Watanabe (Kyushu University, Japan), Shin-ichi Tsuda (Kyushu University, Japan), Akinori Furukawa (Oita National College of Technology, Japan)

[IAHR2018-298](#) “Experiment on Basic Performance of a Simple Waterwheel/Windmill with a Cross-Stream Axis”, Hironobu Sato (Doshisha University, Japan), Tomohiro Tokiwa (Doshisha University, Japan), Hiroaki Mihara (General Building Research of Corporation of Japan, Japan), Takashi Noguchi (Kyoto University, Japan), Katsuya Hirata (Doshisha University, Japan)

[IAHR2018-460](#) “Design Considerations for a Ultra-low-head Kaplan Turbine System”, Jinbo Chen (Michigan State University, United States), Abraham Engeda (Michigan State University, United States)