

International Academic Research Exchange Workshop on Ship and Ocean Engineering (SOE Workshop)

Date : January 20 (Saturday) & January 21 (Sunday), 2018

Place : Lecture Room S1-312, Dept of NAOE, Osaka University (Suita Campus)

Program Schedule

January 20 (Saturday)

- 13:00~13:10 Opening Address
Masashi Kashiwagi (Osaka University)
- 13:10~13:40 [Nonlinear and Viscous Effects on the Hydrodynamics of an OWC Device](#)
Dezhi Ning (Professor, Dalian University of Technology)
- 13:40~14:10 [Actuator Line Model and CFD Techniques for Complicated Wake Flows in Large Wind Farm](#)
Yang Huang and Decheng Wan (Shanghai Jiao Tong University)
- 14:10~14:40 [Long-term Recovery Power of Ship Motion Energy by Linear Generator](#)
Naoya Hashimoto and Munehiko Minoura (Osaka University)
- 14:40~15:10 [Design Wave Analysis for the Extreme Horizontal Slow-drift Motion of Offshore Platforms](#)
Dong-Hyun Lim and Yonghwan Kim (Seoul National University)
- (Coffee Break)
- 15:40~16:10 [Experimental Study on Dead Water Resistance of a Barge in a Two-layer Fluid](#)
Ying Gou (Associate Professor, Dalian University of Technology)
- 16:10~16:40 [Integration of Time-Domain Green Function over a Panel Close to the Free Surface](#)
Takeshi Hara and Masashi Kashiwagi (Osaka University)
- 16:40~17:10 [Computation of Added Resistance of Ships by Using a Frequency-domain Rankine Panel Method](#)
Beom-Soo Kim, Jae-Hoon Lee and Yonghwan Kim (Seoul National University)
- 17:10~17:40 [Wave Loads Evaluated from Measured Unsteady Pressure Distribution on Ship Hull](#)
Mari Ohtaki and Masashi Kashiwagi (Osaka University)
- 18:00~ Get-together party at Cafeteria "Famile" (Suita campus)

January 21 (Sunday)

- 09:00~09:30 [Numerical Simulation of Liquid Sloshing Flows by IMPS-based MLPparticle-SJTU Solver](#)
Xiao Wen and Decheng Wan (Shanghai Jiao Tong University)
- 09:30~10:00 [Outlier Analysis of Sloshing Peak Pressure](#)
Sang-Yeob Kim and Yonghwan Kim (Seoul National University)
- 10:00~10:30 [Sloshing Loads on Fore-peak Tank of LNG Carrier](#)
Jieung Kim, Jeongkyu Lee, Yang-Jun Ahn and Sang-Yeob Kim (Seoul National University)
- (Coffee Break)
- 10:45~11:15 [Numerical Simulation of Wave Slamming of Two-dimensional Bodies](#)
Jin Huang and Bin Teng (Dalian University of Technology)
- 11:15~11:45 [Numerical Investigation of Vortex-induced Vibration of a Riser under Platform Horizontal and Vertical Motions](#)
Di Deng and Decheng Wan (Shanghai Jiao Tong University)
- 11:45~12:15 [High-frequency Wave Loads and Ringing of Offshore Structures](#)
Yi Zhang and Bin Teng (Dalian University of Technology)
- 12:15~12:45 [Cancellation of Scattering Waves by Multilayered Elastic Plate](#)
Takahito Iida (Osaka University)
- 12:45~12:50 Closing Address
Masashi Kashiwagi (Osaka University)