

## International Research Exchange Meeting on Ship and Ocean Engineering

Date : December 20 (Friday) & December 21 (Saturday), 2012

Place : Library Hall of Science and Engineering Library, Osaka University (December 20)

Lecture Room S1-311, Dept of NAOE, Osaka University (December 21)

### Program Schedule

#### December 20 (Friday)

- 13:00~13:10 Opening Address  
Masashi Kashiwagi (Osaka University)
- 13:10~13:35 [Development of naoeFOAM-os-SJTU Solver based on Overset Grid Techniques for Self-Propulsion of Ship](#)  
Decheng Wan (Shanghai Jiao Tong University)
- 13:35~14:00 [Numerical Ship Navigation based on Weather and Ocean Simulation](#)  
Kenji Sasa (Kobe University, International Maritime Research Center)
- 14:00~14:25 [Estimation of Sea Conditions Using Onboard Measurement Data](#)  
Tomoya Yamauchi (Osaka University)
- 14:25~14:50 [Uncertainty Analysis of Added Resistance Experiment](#)  
Dong-Min Park, Jae-Hoon Lee and Yonghwan Kim (Seoul National University)
- 14:50~15:15 [Computational Analysis of Added Resistance in Short Waves](#)  
Yonghwan Kim, Kyung-Kyu Yang and Min-Guk Seo (Seoul National University)
- (Coffee Break)
- 15:35~16:00 [Comparison of Added Resistance for Different Bow Shapes of KVLCC2](#)  
Jae-Hoon Lee, Dong-Min Park and Yonghwan Kim (Seoul National University)
- 16:00~16:25 [Investigation of CFD Modeling Parameters on Predicted Scale Effect of the Podded Propulsor](#)  
Xiao-Qian Dong (Shanghai Jiao Tong University)
- 16:25~16:50 [Trim Optimization Associating with Wave-making Resistance](#)  
Xuhui Li, Changhong Hu (Kyushu University), Wenyang Duan (Harbin Engineering University)
- 16:50~17:15 [Computation and Validation of Springing and Whipping Analyses for Modern Containerships](#)  
Jung-Hyun Kim and Yonghwan Kim (Seoul National University)
- 17:15~17:40 [Comparison between Experiment and Numerical Simulation for Collapse Behavior of Ship's Hull Girder under Whipping Loads](#)  
Yuko Suzaki (Osaka University)

#### December 21 (Saturday)

- 09:00~09:25 [Numerical Analysis of Ship Parametric Rolling Based on Strip Theory in Time Domain](#)  
Jie Zhang and Shan Ma (Harbin Engineering University)
- 09:25~09:50 [Comparison of Sloshing-Induced Impact Pressures between 2D and 3D Tanks](#)  
Sang-Yeob Kim, Ji-Eung Kim, Jae-Hoon Lee (Seoul National University)
- 09:50~10:15 [Parallel MPS Method for 3D Free Surface Violent Flows](#)  
Yuxin Zhang (Shanghai Jiao Tong University)
- (Coffee Break)
- 10:30~10:55 [Dynamical Characteristics of External Mechanism of 2D Twin Floating Bodies for Perfect Wave Absorption](#)  
Yuki Miyazaki (Osaka University)
- 10:55~11:20 [Development of WEC as a Floating Platform Motion Suppression System](#)  
Kangping Liao, Changhong Hu, Sueyoshi Makoto (Kyushu University, RIAM)
- 11:20~11:45 [Fatigue Loadings for Rotating Shaft of Floating Offshore Wind Turbine Based on Decoupled Analysis](#)  
Tomoyo Kozaka (Osaka University)
- 11:45~12:10 [Coupled Modeling of an Offshore Floating Wind Turbine](#)  
Yingyi Liu and Changhong Hu (Kyushu University, RIAM)
- 12:10~12:15 Closing Address  
Masashi Kashiwagi (Osaka University)