International Research Forum for PhD Students
at International Program of Maritime & Urban Engineering

Date: March 20 (Tuesday), 2018
Place: Lecture Room S1-513, Osaka University (Suita Campus)

Program Schedule

13:00～13:10 Opening Address
Masashi Kashiwagi (Osaka University)

13:10～13:40 **Keynote Lecture Part-1**
*An Overview of Coupling Schemes for Combined CFD-potential Flow Simulations*
Prof. Pierre Ferrant (Ecole Centrale de Nantes, France)

13:40～14:10 **Keynote Lecture Part-2**
*Environmental Design Research: Participatory Action Research for the Elderly Day Care Center of S Community in Shanghai*
Prof. Bin Li (College of Architecture & Urban Planning, Tongji University, China)

14:10～14:40 **Keynote Lecture Part-3**
*Change in Disciplines of Sustainability: from the Limit to Growth, Low Carbon to SDGs*
Prof. Yoshitsugu Hayashi (Inst. of Science & Technology Res., Chubu University, Japan)
(Break)

14:55～15:20 **Dynamic Collapse Analysis of Ship Hull Girder Using Hydro-Elastoplastic Beam Model**
Han Htoo Htoo Ko (D2, Naval Architecture & Ocean Engineering)

15:20～15:45 **Transportation of Gravel on the Upper Part of a Sandy Beach**
Muhajir (D2, Civil Engineering)

15:45～16:10 **Forces, Ship Motions and Wake Field for KRISO Container Ship Model in Head Waves**
Md. Alfaz Hossain (D1, Naval Architecture & Ocean Engineering)
(Break)

16:25～16:50 **Estimation of Broaching Probability Using Wave-induced Forces and Moments Measured in Captive Model Tests**
Thet Zaw Htet (D2, Naval Architecture & Ocean Engineering)

16:50～17:15 **Development of a 3-D Simulation Model for the Gas-assisted Laser Cutting by Moving Particle Semi-implicit Method**
Cesar Pinzon (D2, Naval Architecture & Ocean Engineering)

17:15～17:40 **Numerical Investigation of Second-order Hydroelastic Response for Flexible Body**
Kyeonguk Heo (D2, Naval Architecture & Ocean Engineering)

18:00～ Get-together party at Restaurant ‘LaScena’ (Suita campus)