



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*
Muhajjir (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)

