

海洋・都市基盤工学特別プログラム国際研究フォーラム

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

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Poster of the Research Forum (2019)

International Program of Maritime and Urban Engineering

INTERNATIONAL RESEARCH FORUM 2019

20th March

13:00 ~ The coupling between strip theory and modular mathematical model to estimate the ship maneuvering in waves
13:20 Ardhana Wicaksono D3 - Naval Architecture and Ocean Engineering
13:20 ~ Seismic strengthening of RC exterior joints with deficient anchorage
13:40 Syafri Wardi D3 - Architectural Engineering



講演プログラム(2019年) Part-1



International Research Forum 2019 for PhD Students at International Program of Maritime & Urban Engineering

Date : March 20 (Wednesday), 2019

Place : Library Hall (3F) of Science & Engineering Library,
Osaka University (Suita Campus)

Program Schedule

- 09:30~09:45 Opening Address
Masashi Kashiwagi (Osaka University)
- 09:45~10:30 **Keynote Lecture Part-1**
Development of Efficient CFD Solver for Floating Offshore Wind Turbine
Prof. Decheng Wan (Shanghai Jiao Tong University)
- 10:30~11:15 **Keynote Lecture Part-2**
Development of High Speed Video Camera in Kindai University
Prof. Kohsei Takehara (Kindai University)
- 11:15~12:00 **Keynote Lecture Part-3**
The Place and Life of Informal Settlements in Accra: Contextualizing Hiroshi Shimizu and Christopher Alexander
Dr. Seth Asare Okyere (Osaka University)

(Lunch Break)



講演プログラム(2019年) Part-2

- 13:00～13:20 *The coupling between strip theory and modular mathematical model to estimate the ship maneuvering in waves*
ArdhanaWicaksono (D3, Naval Architecture and Ocean Engineering)
- 13:20～13:40 *Seismic strengthening of RC exterior joints with deficient anchorage*
SyafriWardi (D3, Architectural Engineering)
- 13:40～14:00 *The CFD and EFD study of rudder-bulb-fin system in ship and propeller wake field of KVLCC2 tanker in calm water*
Tho-Quang Truong (D3, Naval Architecture and Ocean Engineering)
- 14:00～14:20 *Stability of compressive residual stresses introduced by high frequency mechanical impact post-weld treatment*
Hector Ruiz (D3, Naval Architecture and Ocean Engineering)
- 14:30～14:50 *Fatigue design loads for ship structural safety evaluation*
Luis De Gracia (D3, Naval Architecture and Ocean Engineering)
- 14:50～15:10 *Submerged wall-trench systems to suppress tsunami impact on coast*
Akalanka Silva (D2, Civil Engineering)
- 15:10～15:30 *A study on socio-spatial structure of informal settlements by analyzing relationships between physical environment and human behaviors in the inner-city Kampung, Jakarta*
Nugroho Sumanto (D2, Architectural Engineering)
- 15:30～15:45 Closing Address
Prof. Michihiro Kita (Osaka University)
- 17:00～19:00 Get-together party at S1-311 Lecture Room



International Program of Maritime & Urban Engineering, Division of Global Architecture, Osaka University

International Research Forum (2019)



International Research Forum (2019)



Settlement of Accounts

Income		
Supporting subsidy	110,000	<i>From Division of Global Architecture</i>
Expenditure		
Air ticket <i>between Osaka & Shanghai</i>	107,231	<i>Prof. Decheng Wan Including transportation & daily allowance</i>
Hotel charge	17,500	<i>Prof. Decheng Wan, Senri Hankyu Hotel</i>
Gift, Lunch, Refreshment	16,500	<i>Mainly for Keynote speakers</i>
Poster	6,000	<i>Printed in India</i>
Get-together party	46,500	<i>Sandwich, Salad, Hot bowl, Chicken, etc. ordered and paid to COOP</i>
Cake, Sushi, Drinks, others	16,500	<i>Including cups, plates, spoon</i>
Total	210,231	
Difference	100,231	<i>Paid by the fund at Kashiwagi laboratory</i>