

International RIAM Symposium on Ocean Renewable Energy Technologies and Related Computational and Experimental Researches

January 22-23, 2018

Meeting Room at 2nd Floor, RIAM, Kyushu University, Kasuga, Fukuoka, Japan

Organized by

Research Institute for Applied Mechanics, Kyushu University

TIME TABLE

22 January (Monday)

13:00 - 13:10	<i>Opening Address</i>	Changhong Hu
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Session 1

13:10 - 14:00	Yonghwan Kim (Seoul National University, Korea) <i>Invited Lecture</i> Statistical Probability Modeling of Deck Slamming on Offshore Structures
14:00 - 14:30	Xiao Wen, Decheng Wan (Shanghai Jiao Tong University, China) Numerical Simulations of Sloshing Flows in an Elastic Tank by MPSFEM-SJTU Solver
14:30 - 15:00	Jin Huang, Bin Teng (Dalian University of Technology, China) Numerical Simulation of Wave Slamming of Two-Dimensional Bodies
15:00 - 15:30	Coffee break

Session 2

15:30 - 16:00	Taiga Asaumi, Masashi Kashiwagi (Osaka University) Cloaking of a Vertical Cylinder using Variable Bathymetry
16:00 - 16:30	D. Ohno, Y. Higo, H. Iwashita (Hiroshima University) Hydrodynamics and Motions of a FOWT in the Low-Speed Current
16:30 - 17:00	Isshiki Hiroshi (Institute of Numerical Analysis) Generation of Curvilinear Coordinates for Numerical Analysis
17:00 - 17:30	Patxi Garcia Novo, Yusaku Kyojuka (Nagasaki University) Estimation of Tidal Peak Velocity by an Empirical Approach
18:00 - 20:00	Dinner Party

23 January (Tuesday)

Session 3

9:20 - 10:00	Shiu-Wu Chau (National Taiwan University, Taiwan, R.O.C.) <i>Invited Lecture</i> Wake Modeling of Wind Turbine Array in an Offshore Wind Farm
10:00 - 10:30	Yang Huang, Decheng Wan (Shanghai Jiao Tong University, China) FOWT -UALM-SJTU Solver for Coupled Aero-hydrodynamic Interactions of OC3 Floating Offshore Wind Turbine
10:30 - 11:00	Yi Zhang, Bin Teng (Dalian University of Technology, China) High-Frequency Wave Loads and Ringing of Offshore Structures
11:00 - 11:30	Dief Tarek (Kyushu University) System Identification and Control Design for Kite Power System
11:30 - 12:00	Di Deng, Decheng Wan (Shanghai Jiao Tong University, China) Numerical Study of Vortex-Induced Motions of a Semi-Submersible Platform in Different Reduced Velocities and Current Headings
12:00 - 12:30	Hongzhong Zhu (Kyushu University) Modelling and Attitude Control of a Shrouded Floating Offshore Wind Turbine with Hinged Structure
12:30 - 12:40	<i>Closing Address</i> Decheng Wan

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