Day 2

Tuesday 20 October

C4 / A5

C4 / ROOM C · GARNET 212 **10:30–12:10**

Climate Adaptation & Ecological Design 1

Session chairs: Professor Brydon T Wang, University of Queensland; Dr. Stefan Huebner, National University of Singapore

10:30–10:50	PPID-005	Floating Structures, Overcoming the Moral and Ecological Cost of Institutionalized Land Reclamation Soon Heng Lim — Society of Floating Solutions (Singapore)
10:50–11:10	PPID-115	Earth's Amphibious Transformation: Floating Structures in the Oceanic Anthropocene Stefan Huebner — National University of Singapore
11:10–11:30	PPID-110	Advancing Floating Solutions through Governance Thresholds for Delivery Brydon T Wang — University of Queensland
11:30–11:50	PPID-010	New Land for Sinking Islands Joerg Baumeister — Griffith University
11:50–12:10	PPID-043	Biofouling-Related Water-Quality Effects and Layout Planning for Flexible Connection Floating Systems in Urban Waterways Akane Takahashi — Ocean Program Dept., Emerging Frontiers Div., Shimizu Corporation

A5 / ROOM A · GARNET 214–217 **13:30–15:10**

Symposium: Design and Analysis of Offshore Wind Systems 2

Symposium chairs: Prof Xiao Lin Zhao, Prof Ronghua Zhu
Session chairs: Dr. Shanli Zhang, Technology Centre for Offshore and Marine, Singapore;
Assistant Professor Rui Shengjie, National University of Singapore

13:30–13:50	PPID-042	Conceptual Design and Motion Characteristics of a Double-Donut Spar-Type Floating Offshore Wind Turbine Yuki Yamashita — CHODAI CO., LTD.
13:50–14:10	PPID-017	Exploring the Design Space of a Cylindrical Floating Offshore Wind Substructure via Geometry Optimisation Caleb McKenna — The University of Oxford
14:10–14:30	PPID-165	Development of a UBEM-CFD Framework for Nonlinear Simulation of Floating Offshore Wind Turbines Lin Yang — Southern University of Science and Technology
14:30–14:50	PPID-135	Sensitivity Analysis of Floating Offshore Wind Turbine Responses Using RAFT with Selected OpenFAST Comparisons Sixuan Zhao — Shanghai Jiao Tong University
14:50–15:10	PPID-138	The TASDEMO Project: Demonstrating Floating Offshore Wind Turbine Technology in Tasmania Andrew Harris — BMT Commercial Australia Pty Ltd