Day 2

Tuesday 20 October

A4 / B4

A4 / ROOM A · GARNET 214–217 **10:30–12:10**

Symposium: Design and Analysis of Offshore Wind Systems 1

Symposium chairs: Prof Xiao-Lin Zhao, Prof Ronghua Zhu
Session chair: Dr. Harrif Santo, Technology Centre for Offshore and Marine, Singapore

10:30–10:50	**PPID-179**	Floating vs. Fixed-Bottom Offshore Wind: What is the Future of Deep-Water Development? Ronghua Zhu — Zhejiang University; Yangjiang Offshore Wind Laboratory
10:50–11:10	**PPID-092**	Simplified Analytical Model for Hydrodynamic Behavior of Floating Offshore Wind Turbine Lingzhen Li · Nanyang Technological University
11:10–11:30	**PPID-132**	Time-dependent Ultimate Limit State Assessment of Columns and Pontoons in a Semi-submersible Floating Wind Turbine Minghao Cui — Shanghai Jiao Tong University
11:30–11:50	**PPID-014**	Mooring System-Seabed Interaction and Trenching Simulation for Floating Structures Shengjie Rui — National University of Singapore
11:50–12:10	**PPID-176**	High efficient modeling of wind turbines towards wind farm layout optimization Xiaoqin Zhang — Institute of Advanced Intelligence and Computing (IAIC), Agency for Science, Technology and Research

B4 / ROOM B · GARNET 213 **10:30–12:10**

Symposium: Marine Operations & Installation 1

Symposium chair: Prof Mingsheng Chen
Session chairs: Associate Professor Hooi Siang Kang, Universiti Teknologi Malaysia; Dr. Yuanzhe Zhi, China Construction Habour and Channel Engineering Bureau Group Co. LTD

10:30–10:50	**PPID-166**	Sling Friction Measurement for Doubled Slings – Observed Force Split Ratio Yoo Sang Choo — National University of Singapore; Suncor Energy Inc.; Heerema Marine Contractors
10:50–11:10	**PPID-098**	Floating Offshore Decommissioning Platform: Integrated Layout, Hydrostatic Stability and Hydrodynamic Response Assessment Yuanzhe Zhi — China Construction Habour and Channel Engineering Bureau Group Co. LTD
11:10–11:30	**PPID-083**	Agent-Based Modeling and Parametric Analysis of Floating Offshore Wind Installation Logistics Ryota Saito — Port and Airport Research Institute, National Institute of Maritime, Port and Aviation Technology
11:30–11:50	**PPID-007**	Computational Modelling of Ammonia Dispersion Behaviour During Ship-to-Ship Bunkering Operations Jun Hao Liew — Solis Marine, Singapore; Newcastle University, United Kingdom
11:50–12:10	**PPID-060**	Dynamic Response Analysis of Floating and Bottom-Supported Installation Methods for Semi-Submersible Floating Offshore Wind Turbines Yanwei Li — Hainan University