Day 2

Tuesday 20 October

B5 / C5

B5 / ROOM B · GARNET 213 **13:30–15:10**

Symposium: Marine Operations & Installation 2

Symposium chair: Prof Mingsheng Chen
Session chair: Assistant Professor Xingya Feng, Southern University of Science and Technology

13:30–13:50	**PPID-160**	An advanced hydrodynamic-structure coupled dynamics time-domain model for floating offshore wind turbine wet-towing Mingsheng Chen — Wuhan University of Technology
13:50–14:10	**PPID-169**	OrcaFlex-Based Performance Assessment of a Dynamic Positioning Control Algorithm for Offshore Wind O&M Ajay Menon — Technology Centre for Offshore and Marine, Singapore
14:10–14:30	**PPID-162**	Dynamic analysis of offshore on-site blade lift installation of floating offshore wind turbines using a semi-submersible crane vessel Mingfeng Hu — Wuhan University of Technology
14:30–14:50	**PPID-117**	Qualification of concepts and novel materials – floating installations Åland, Per Arild — Det Norske Veritas
14:50–15:10	**PPID-118**	Digital approach to operation of floating installations Åland, Per Arild — Det Norske Veritas

C5 / ROOM C · GARNET 212 **13:30–15:10**

Climate Adaptation & Ecological Design 2

Session chairs: Professor Lihong Zhang, University of Manchester; Professor Elizabeth C. English, University of Waterloo

13:30–13:50	**PPID-101**	From Marine Spatial Planning to Minimum Evidence Standards: Digital Twins for Sustainable Floating Resorts and Cities in Multi-Use Oceans Lihong Zhang — University of Manchester
13:50–14:10	**PPID-157**	Biodiversity Assessment of a Novel Eco-Engineered Floating Structure James Qin, Chitty — National University of Singapore
14:10–14:30	**PPID-167**	Energy-Efficient Floating Buildings: Architectural Constraints and Stability Trade-offs Artur Karczewski — Gdańsk University of Technology
14:30–14:50	**PPID-121**	Dogen City: A Japan–Singapore Vision for a Floating Collaboration District at the Marine Frontier Yuki Tazaki — N-ARK Inc
14:50–15:10	**PPID-140**	Transition Space as a Dynamic Land-Water Interface: A Cellular Automata Exploration of Spatial Flexibility Sridhar Subramani — Delft University of Technology