

Workshop 2 : Large Floating Infrastructure

Organiser: Prof. Xiao Lin ZHAO

Day 1 – Thursday, 6 July 2023

14:00 – 14:30	<u>Invited Keynote Talk:</u> Floating Infrastructure for Offshore Aquaculture Farms Prof. Chien Ming WANG The University of Queensland
14:30 – 15:00	<u>Invited Keynote Talk:</u> Upscaling Floating Structures Technology for Climate Resilient Urban Development to Address Land Scarcity Ir Bart ROEFFEN Blue 21
15:00 – 15:30	Advances in Research and Application of Deep-Water Floating Bridges Prof. Bin CHENG Shanghai Jiao Tong University
15:30 – 16:00	Possible Floating Structures in Kau Yi Chau Artificial Islands Ir Raymond IP Civil Engineering and Development Department
16:00 – 16:20	Coffee break
16:20 – 16:50	<u>Invited Keynote Talk:</u> Design and Construction of the Concrete Floating Pier in Golden Harbor, Incheon Dr Kwanghoe JUNG HYUNDAI Engineering & Construction
16:50 – 17:20	Green on Blue – Alternative Development Strategy via pontoons in Hong Kong Mr Rick LAM Architecture Commons
17:20 – 17:40	Offshore Caisson Foundation in Sand: From Numerical Modelling to Macroelement Design Tool Prof. Zhenyu YIN The Hong Kong Polytechnic University
17:40 – 18:00	Main Environmental Issues Associated with Floating Structures Prof. Hongbin LIU The Hong Kong University of Science and Technology

Day 2 – Friday, 7 July 2023

09:00 – 09:30	<u>Invited Keynote Talk:</u> Examples of Floating Infrastructure in Japan - Yumemai Floating Bridge in Osaka and Floating Offshore Wind Turbine in Goto Islands Prof. Tomoaki UTSUNOMIYA Kyushu University
09:30 – 10:00	Light-weight High-Performance Concrete for Floating Structures Ir Prof. Chi-sun POON The Hong Kong Polytechnic University
10:00 – 10:30	Novel FRP Prestressed Concrete Assembled Floating Structure like Bamboo Raft Prof. Peng FENG Tsinghua University
10:30 – 10:50	Coffee break
10:50 – 11:20	<u>Invited Keynote Talk:</u> Trends of Application of Floating Structures in South-East Asia Mr Anil THAPAR Paaras Marine Solutions Pte. Ltd
11:20 – 11:40	Design and development of coiled FRP rope for offshore platform Prof. Xin WANG Southeast University
11:40 – 12:00	Developing Floating Structure Technology (FST) for Hong Kong's Sustainable Growth and Liveability Prof. Xiao Lin ZHAO The Hong Kong Polytechnic University