

Time	Room A
Session Block 1	A1 — Offshore Wind System & Digital Twins 1 Session Chair: Professor Binzhen Zhou, South China University of Technology
10:30–10:50	PPID-077 · Development, Validation and Performance Study of a Real-Time Hybrid Model for Floating Offshore Wind Turbines Based on a Closed-Loop Control Loading System Chusen Lin — South China University of Technology
10:50–11:10	PPID-046 · A Hybrid MVMD-Transform-BO Framework for Predicting Extreme Tension Responses in Mooring Systems of FOWTs Hairui Jiang — Yantai Research Institute, Harbin Engineering University
11:10–11:30	PPID-049 · A Combined Graph Neural Networks and Reduced-order Framework for Hydro-Structural Coupled Response Prediction in Floating Offshore Wind Turbines Lei Yang — Tsinghua University
11:30–11:50	PPID-057 · Hybrid ROM-DL based Load and Structural Analysis for Floating Offshore Wind Turbine Substructures Miyawala Tharindu Pradeeptha — Technology Centre for Offshore and Marine
11:50–12:10	PPID-128 · A Preliminary Digital Twin Framework for FOWTs with Integrated Mooring Lines Virtual Sensing Wei Chuan Law — Technology Centre for Offshore and Marine
12:10–13:30	Conference Lunch Break