Day 3

Wednesday 21 October

B8 / C8

B8 / ROOM B · GARNET 213 **10:40–12:20**

Floating Architecture & Sustainable Materials 2

Session chairs: Professor Ling Wan, Ningbo University; Professor Shinji Sato, Nihon University

10:40–11:00	**PPID-004**	Design and Simulation of a Remote-Controlled Floating Waste Collector for Harbor Environments Yair Edri — Afeka Academic College of Engineering
11:00–11:20	**PPID-026**	Shaping of Hydrogen Energy Transition for Offshore Platform Through Multi-Software Simulation We Lin Chan — Newcastle University in Singapore
11:20–11:40	**PPID-011**	Proposal for an International Floating Hydrogen Storage Base Shinji Sato — Nihon University
11:40–12:00	**PPID-139**	Experimental Investigation on the Performance of PEM Electrolyzer for Offshore Hydrogen Production under Simulated Ocean Motion Environments Wenfeng Wu — Zhejiang Ocean University
12:00–12:20	**PPID-146**	Economic Industrial Modular Code Compliant Floating Platforms for Floating Hub Port Extension BLANC, A — SAFIER INGENIERIE SAS
	PPID-147	BlueCore4Port®: Ports extensions and Breakwaters internal use BLANC, A — SAFIER INGENIERIE SAS *Combined presentation · 20 minutes allocated; duration subject to confirmation.*

C8 / ROOM C · GARNET 212 **10:40–12:20**

Special Session: Equity, Law & Community Resilience in Amphibious & Floating Infrastructure

Session co-chairs: Professor Elizabeth C. English, University of Waterloo; Professor Leo Beletsky, Northeastern University / Woods Hole Oceanographic Institution (WHOI)
Presentation and Q&A allocation will be managed by the session co-chairs.

10:40–11:00	**PPID-158**	Assessing the Need for Amphibious Construction for an Indigenous Community in Coastal Louisiana Elizabeth C. English — University of Waterloo
11:00–11:20	**PPID-153**	Scaling Climate-Resilient Settlements through Vernacular Knowledge, Design, Finance and Governance Leo Beletsky — Northeastern University / Woods Hole Oceanographic Institution (WHOI)
11:20–11:40	**PPID-149**	Floating Beehive Microgrids: Amphibiating Mobile Renewable Infrastructure for Coastal Disaster Resilience William T Heegaard — The Footprint Project
11:40–12:00	**PPID-156**	An Amphibious Solution for Flash Flooding in Quetta, Pakistan Elizabeth C. English — University of Waterloo
12:00–12:20	**PPID-150**	Integrating Equity in Floating and Amphibious Infrastructure: Engineering and Legal Considerations Leo Beletsky — Northeastern University / Woods Hole Oceanographic Institution (WHOI)