

# PROGRAM OVERVIEW

# OMAE 2024

SINGAPORE

## 43rd International Conference on Ocean, Offshore and Arctic Engineering

June 9–14, 2024 • Singapore



**COMPLIMENTARY WI-FI**  
SSID: OMAE2024  
Password: OMAE2024@Expo



Please see the **OMAE24 APP** for the detailed program and other useful information about the Conference and Singapore!

# INVITED SPEAKERS



Aziz Merchant

## Opening Session

Monday June 10 | Peridot Rooms | 08:30 – 12:00

### Maritime Decarbonisation: Future Marine Fuels & Energy Efficiency Technology

**Prof. (Adj) Aziz Merchant**, Executive Vice President of Engineering and Technology & New Product Development/Engineering, Seatrrium

## AI Panel: Trustworthy AI for Sustainable Marine and Offshore Systems

Monday June 10 | Peridot Rooms | 08:30 – 12:00 | Moderated by Low Ying Min



Xiuju Fu

### Dr Xiuju Fu

Director of the Maritime AI Research Programme and Senior Principal Scientist at Institute of High Performance Computing, Agency for Science, Technology and Research (A\*STAR) in Singapore



Hai Gu

### Dr Hai Gu

Vice President of Technology American Bureau of Shipping



Rajeev K. Jaiman

### Prof. Rajeev K. Jaiman

Professor and NSERC/ Seaspan Industrial Chair in the Department of Mechanical Engineering at the University of British Columbia, Vancouver, Canada



Adil Rasheed

### Prof. Adil Rasheed

Professor in the Department of Engineering Cybernetics at the Norwegian University of Science and Technology

## Afternoon Lectures

Rooms: Garnet 212 & 213



Wenhua Zhao

**MONDAY, June 10**  
17:15 – 18:15

### Wave-Structure Interactions at Resonance: From Fundamentals to Industry Applications

**Dr Wenhua Zhao**,  
University of Western Australia



Philip L-F. Liu

**TUESDAY, June 11**  
17:15 – 18:15

### Stokes Waves

**Prof. Philip L-F. Liu, Emeritus**,  
School of Civil and Environmental Engineering, Cornell University



Xudong Qian

**WEDNESDAY, June 12**  
16:45 – 17:45

### Determining Crack Sizes in Welded Joints through a Digital Twin Approach

**Prof. Xudong Qian**,  
National University of Singapore

## SOCIAL EVENTS

### Welcome Reception

Sunday June 9  
17:00 – 19:00  
Garnet Rooms, Singapore EXPO

### Farewell Reception

Thursday June 13  
17:00 – 18:00  
Apex Gallery Level 1, Singapore EXPO

### Conference Banquet

Wednesday, June 12  
19:00 – 22:30  
Orchard Ballroom, Orchard Hotel  
442 Orchard Rd, Singapore



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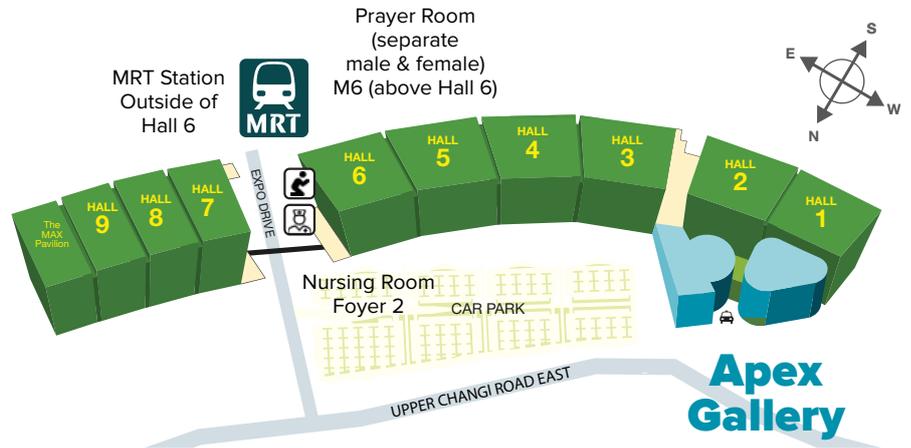


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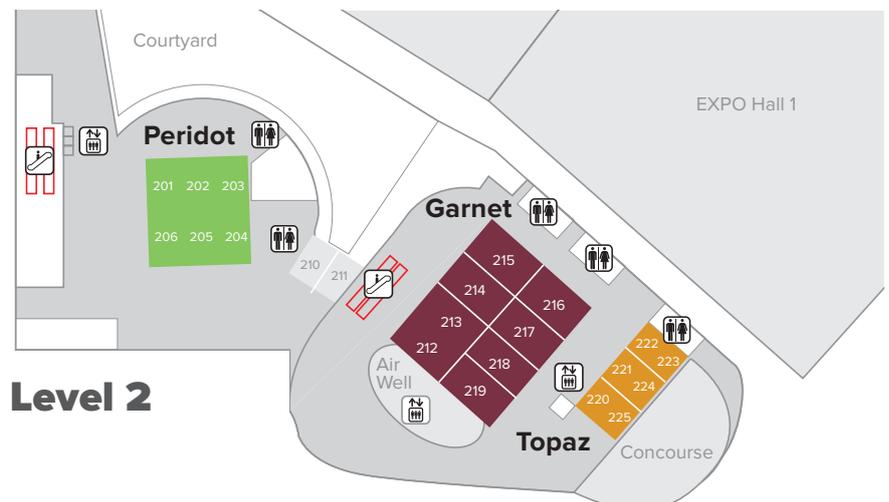
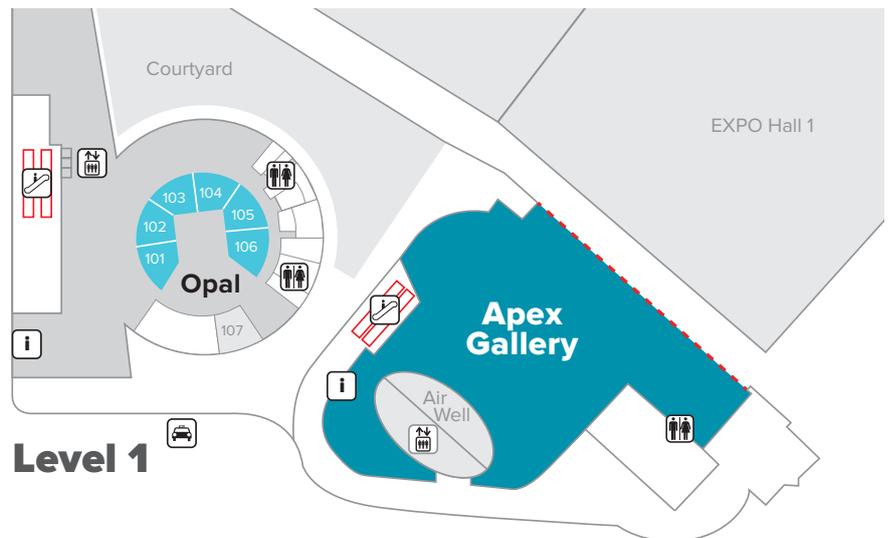
## FLOOR PLANS

**Apex Gallery at the Singapore EXPO Convention and Exhibition Centre**

**Address:** 1 Expo Drive, #02-01 Singapore, Singapore 486150



- Registration:** Apex Gallery (Level 1)
- Exhibition:** Apex Gallery (Level 1)
- Refreshment Breaks and Lunches:** Apex Gallery (Level 1)
- Welcome Reception:** Garnet Rooms (Level 2)
- Afternoon Drinks and Farewell Reception:** Apex Gallery (Level 1)
- Opening Ceremony and Keynotes:** Peridot Rooms (Level 2)
- Concurrent Sessions:**
  - Opal Rooms (Level 1)
  - Garnet Rooms (Level 2)
  - Topaz Rooms (Level 2)



- Toilet
- Concierge
- Lift
- Nursing Room – Foyer 2
- Escalator
- Prayer Room (Separate male & female) M6 (above Hall 6)
- Apex Gallery Taxi Stand
- MRT Station Outside of Hall 6

*Floorplans are not drawn to scale.*

## Key to Concurrent Sessions

<b>OT</b> SYMP 1: Offshore Technology	<b>MT</b> SYMP 3: Materials Technology	<b>OE</b> SYMP 6: Ocean Engineering	<b>ORE</b> SYMP 9: Ocean Renewable Energy	<b>PLH</b> SYMP 12: Professor Philip Liu Honoring Symposium
<b>SSR</b> SYMP 2: Structures, Safety and Reliability	<b>ST</b> SYMP 4: Subsea Technology	<b>PAT</b> SYMP 7: Polar and Arctic Sciences and Technology	<b>OG</b> SYMP 10: Offshore Geotechnics	<b>BES</b> SYMP 13: Blue Economy Symposium
	<b>OSU</b> SYMP 5: Ocean Space Utilization	<b>CVF</b> SYMP 8: CFD, FSI and AI	<b>PT</b> SYMP 11: Petroleum Technology	

## Monday – June 10

Room	Concurrent #1 Opal 101	Concurrent #2 Opal 102	Concurrent #3 Opal 103	Concurrent #4 Opal 104	Concurrent #5 Garnet 212 & 213	Concurrent #6 Garnet 214	Concurrent #7 Garnet 215	Concurrent #8 Garnet 216	Concurrent #9 Garnet 217	Concurrent #10 Garnet 218	Concurrent #11 Garnet 219	Concurrent #12 Topaz 220 & 225	Concurrent #13 Topaz 221 & 224	Concurrent #14 Topaz 222 & 223	Concurrent #15 OPAL 105
<b>08:30–10:15</b> Opening Ceremony, Keynote Presentation, Awards – Peridot 201-206															
<b>10:15–10:45</b> Morning Coffee Break & Exhibits – Apex Gallery Level 1															
<b>10:45–12:00</b> Keynote Presentations (Continued) – Peridot 201-206															
<b>12:00–13:30</b> Lunch & Exhibits – Apex Gallery Level 1															
<b>13:30–15:00</b> Concurrent Sessions I	<b>OT</b> 01-01-01 Offshore Platforms I	<b>CVF</b> 08-02-01 Free Surface Flows	<b>MT</b> 03-01-01 Fracture Assessment and Control	<b>ST</b> 04-01-01 Flexible Pipes & Umbilicals I	<b>OE</b> 06-03-01 Fluid-Structure, Multi-body and Wave-body Interaction I	<b>OE</b> 06-04-01 Marine Engineering and Technology I	<b>OE</b> 06-17-01 AI Technology for Ocean Engineering I	<b>SSR</b> 02-14-01 Structural Analysis I	<b>SSR</b> 02-02-01 Extreme and Freak Waves	<b>ORE</b> 09-01-01 Wind Energy: Aero-hydrodynamics I	<b>ORE</b> 09-01-16 Wind Energy: Structures I	<b>BES</b> 13-01-01 Blue Economy I	<b>PLH</b> 12-01-01 Wave theories I	<b>PT</b> 11-01-01 Well Drilling Technology I	<b>PAT</b> 07-01-01 Arctic Sea Transportation and Environmental Impact
<b>15:00–15:30</b> Afternoon Coffee Break & Exhibits – Apex Gallery Level 1															
<b>15:50–16:20</b> Concurrent Sessions II	<b>OT</b> 01-01-02 Offshore Platforms II	<b>CVF</b> 08-05-01 Internal Flows & FIV	<b>MT</b> 03-02-01 Fatigue Performance and Testing	<b>ST</b> 04-01-02 Flexible Pipes & Umbilicals II	<b>OE</b> 06-03-02 Fluid-Structure, Multi-body and Wave-body Interaction II	<b>OE</b> 06-04-02 Marine Engineering and Technology II	<b>OE</b> 06-17-02 AI Technology for Ocean Engineering II	<b>SSR</b> 02-14-02 Structural Analysis II	<b>SSR</b> 02-02-02 Probabilistic and Spectral Wave Modelling	<b>ORE</b> 09-01-02 Wind Energy: Aero-hydrodynamics II	<b>ORE</b> 09-01-13 Wind Energy: System Optimization II	<b>BES</b> 13-01-06 Blue Economy VI	<b>PLH</b> 12-01-02 Wave theories II	<b>PT</b> 11-01-02 Well Drilling Technology II	<b>PAT</b> 07-02-01 Propulsion and hydrodynamics in ice
<b>17:15–18:15</b> Afternoon Lecture: Wave-Structure Interactions at Resonance: from Fundamentals to Industry Applications – Garnet 212 & 213															
<b>18:15–19:15</b> Afternoon Drinks – Apex Gallery Level 1															

## Tuesday – June 11

Room	Concurrent #1 Opal 101	Concurrent #2 Opal 102	Concurrent #3 Opal 103	Concurrent #4 Opal 104	Concurrent #5 Garnet 212 & 213	Concurrent #6 Garnet 214	Concurrent #7 Garnet 215	Concurrent #8 Garnet 216	Concurrent #9 Garnet 217	Concurrent #10 Garnet 218	Concurrent #11 Garnet 219	Concurrent #12 Topaz 220 & 225	Concurrent #13 Topaz 221 & 224	Concurrent #14 Topaz 222 & 223	Concurrent #15 OPAL 105	Concurrent #16 OPAL 106
<b>08:30–10:00</b> Concurrent Sessions I	<b>OT</b> 01-08-01 Digitalization, AI/ML, Neural Networks, Digital Twin I	<b>CVF</b> 08-03-01 Risers, Pipelines & VIV I	<b>MT</b> 03-03-01 Integrity Assessment and Life Extension	<b>ST</b> 04-01-04 Flexible Pipes & Umbilicals IV	<b>OE</b> 06-03-03 Fluid-Structure, Multi-body and Wave-body Interaction III	<b>OE</b> 06-04-03 Marine Engineering and Technology III	<b>OE</b> 06-17-03 AI Technology for Ocean Engineering III	<b>SSR</b> 02-16-01 Collision and Crash-worthiness I	<b>SSR</b> 02-05-01 Extreme Loads and Responses I	<b>ORE</b> 09-01-03 Wind Energy: Aero-hydrodynamics III	<b>ORE</b> 09-01-14 Wind Energy: Project Development, O&M	<b>BES</b> 13-01-03 Blue Economy III	<b>PLH</b> 12-03-01 Coastal Processes I	<b>PT</b> 11-02-01 Well Drilling Fluids & Hydraulics I	<b>PAT</b> 07-03-01 Arctic Frontier Regions	<b>OG</b> 10-05-01 Bucket, Spudcans and Other Foundations
<b>10:00–10:30</b> Morning Coffee Break & Exhibits – Apex Gallery Level 1																
<b>10:30–12:00</b> Concurrent Sessions I	<b>OT</b> 01-09-01 Adapting to/ Mitigating Climate Change I	<b>CVF</b> 08-03-02 Risers, Pipelines & VIV II	<b>MT</b> 03-05-01 Inspection, Repair and Monitoring	<b>ST</b> 04-01-03 Flexible Pipes & Umbilicals III	<b>OE</b> 06-03-04 Fluid-Structure, Multi-body and Wave-body Interaction IV	<b>OE</b> 06-04-04 Marine Engineering and Technology IV	<b>OE</b> 06-17-04 AI Technology for Ocean Engineering IV	<b>SSR</b> 02-16-02 Collision and Crash-worthiness II	<b>SSR</b> 02-05-02 Extreme Loads and Responses II	<b>ORE</b> 09-01-04 Wind Energy: Aero-hydrodynamics IV	<b>ORE</b> 09-01-15 Wind Energy: Turbine arrays	<b>BES</b> 13-01-04 Blue Economy IV	<b>PLH</b> 12-03-02 Coastal Processes II	<b>PT</b> 11-02-02 Well Drilling Fluids & Hydraulics II	<b>PAT</b> 07-04-01 Vessels in Ice	<b>OG</b> 10-01-01 Seabed Properties and Processes
<b>12:00–13:00</b> Lunch & Exhibits – Apex Gallery Level 1																
<b>13:30–15:00</b> Concurrent Sessions I	<b>OT</b> 01-03-01 Hydro-dynamics I	<b>CVF</b> 08-03-03 Risers, Pipelines & VIV III	<b>OSU</b> 05-01-01 VLFS and New Concepts for Ocean Space Utilization	<b>ST</b> 04-04-01 Rigid Pipe Mechanics I	<b>OE</b> 06-03-05 Fluid-Structure, Multi-body and Wave-body Interaction V	<b>OE</b> 06-07-01 Metocean, Measurement and Data Interpretation I	<b>OE</b> 06-17-05 AI Technology for Ocean Engineering V	<b>SSR</b> 02-15-01 Ultimate Strength I	<b>SSR</b> 02-05-03 Extreme Loads and Responses III	<b>ORE</b> 09-01-05 Wind Energy: Aero-hydrodynamics V	<b>ORE</b> 09-03-01 Tidal Energy: Design and Innovation	<b>ORE</b> 09-05-01 Carbon Capture and Hydrogen Storage	<b>PLH</b> 12-02-01 Wave-Structure Interactions I	<b>PT</b> 11-02-03 Well Drilling Fluids & Hydraulics III	<b>PAT</b> 07-05-01 Ice Load modelling	<b>SSR</b> 02-06-01 Data-driven Models for Marine Structures I
<b>15:00–15:30</b> Afternoon Coffee Break & Exhibits – Apex Gallery Level 1																
<b>15:30–17:00</b> Concurrent Sessions II	<b>OT</b> 01-03-02 Hydro-dynamics II	<b>CVF</b> 08-03-04 Risers, Pipelines & VIV IV	<b>OSU</b> 05-05-01 Floating Systems for Renewable Energy I	<b>ST</b> 04-04-02 Rigid Pipe Mechanics II	<b>OE</b> 06-03-06 Fluid-Structure, Multi-body and Wave-body Interaction VI	<b>OE</b> 06-07-02 Metocean, Measurement and Data Interpretation II	<b>OE</b> 06-11-01 Ocean Engineering Technology I	<b>SSR</b> 02-15-02 Ultimate Strength II	<b>SSR</b> 02-05-04 Extreme Loads and Responses IV	<b>ORE</b> 09-02-01 Wave Energy: Hydro-dynamics I	<b>ORE</b> 09-03-02 Tidal Energy: Hydro-dynamics	<b>PT</b> 11-09-01 Sustainability and Green Transition in Petroleum Industry	<b>PLH</b> 12-02-02 Wave-Structure Interactions II	<b>PT</b> 11-03-01 Data Science Applications in Drilling I	<b>PAT</b> 07-06-01 Numerical Ice modelling	<b>SSR</b> 02-06-02 Data-driven Models for Marine Structures II
<b>17:15–18:15</b> Afternoon Lecture: Stokes Waves – Garnet 212 & 213																

## Wednesday – June 12

Room	Concurrent #1 Opal 101	Concurrent #2 Opal 102	Concurrent #3 Opal 103	Concurrent #4 Opal 104	Concurrent #5 Garnet 212 & 213	Concurrent #6 Garnet 214	Concurrent #7 Garnet 215	Concurrent #8 Garnet 216	Concurrent #9 Garnet 217	Concurrent #10 Garnet 218	Concurrent #11 Garnet 219	Concurrent #12 Topaz 220 & 225	Concurrent #13 Topaz 221 & 224	Concurrent #14 Topaz 222 & 223	Concurrent #15 OPAL 105	Concurrent #16 OPAL 106
<b>08:30–10:00</b> Concurrent Sessions III	<b>OT</b> 01-03-03 Hydro-dynamics III	<b>CVF</b> 08-04-01 Deep Learning based ROM for Wave Dynamics and Prediction in Marine Engineering	<b>OSU</b> 05-04-01 Underwater Development and Tsunami	<b>ST</b> 04-01-05 Flexible Pipes & Umbilicals V	<b>OE</b> 06-03-07 Fluid-Structure, Multi-body and Wave-body Interaction VII	<b>OE</b> 06-12-01 Ship Hydro-mechanics I	<b>OE</b> 06-11-02 Ocean Engineering Technology II	<b>SSR</b> 02-13-01 Risk Analysis and Safety Management I	<b>SSR</b> 02-05-05 Extreme Loads and Responses V	<b>ORE</b> 09-01-06 Wind Energy: Aero-hydrodynamics VI	<b>ORE</b> 09-01-18 Wind Energy: Structures III	<b>OE</b> 06-09-01 Offshore Industry: Aquaculture, Mining, etc. I	<b>PLH</b> 12-04-01 Coastal Hazards - Tsunamis and Storm Surges I	<b>PT</b> 11-03-02 Data Science Applications in Drilling II	<b>PAT</b> 07-06-02 Numerical Ice modelling II	<b>OG</b> 10-03-01 Anchoring and Mooring Systems
<b>10:00–10:30</b> Morning Coffee Break & Exhibits – Apex Gallery Level 1																
<b>10:30–12:00</b> Concurrent Sessions IV	<b>OT</b> 01-03-04 Hydro-dynamics IV	<b>CVF</b> 08-04-02 Machine Learning and Optimization for Marine Design and Operation	<b>OSU</b> 05-05-02 Floating System for Renewable Energy II	<b>ST</b> 04-01-06 Flexible Pipes & Umbilicals VI	<b>OE</b> 06-15-01 Unsteady Hydro-dynamics, Acoustics and Propulsion I	<b>OE</b> 06-12-02 Ship Hydro-mechanics II	<b>OE</b> 06-11-03 Ocean Engineering Technology III	<b>SSR</b> 02-13-02 Risk Analysis and Safety Management II	<b>SSR</b> 02-15-03 Ultimate Strength III	<b>ORE</b> 09-01-07 Wind Energy: Aero-hydrodynamics VII	<b>ORE</b> 09-02-02 Wave Energy: Hydro-dynamics II	<b>OE</b> 06-09-02 Offshore Industry: Aquaculture, Mining, etc. II	<b>PLH</b> 12-02-03 Wave-Structure Interactions III	<b>PT</b> 11-03-03 Data Science Applications in Drilling III	<b>OG</b> 10-03-02 Anchoring and Mooring Systems	
<b>12:00–13:00</b> Lunch & Exhibits – Apex Gallery Level 1																
<b>13:30–15:00</b> Concurrent Sessions I	<b>OT</b> 01-07-01 Wave Loading and Motions in Extreme Seas I	<b>CVF</b> 08-04-03 CFD Development I	<b>OSU</b> 05-02-01 Aquaculture and Related Technology I	<b>ST</b> 04-04-03 Rigid Pipe Mechanics III	<b>OE</b> 06-15-02 Unsteady Hydro-dynamics, Vibrations, Acoustics and Propulsion II	<b>OE</b> 06-12-03 Ship Hydro-mechanics III	<b>OE</b> 06-11-04 Ocean Engineering Technology IV	<b>SSR</b> 02-11-01 Fatigue and Fracture Reliability I	<b>SSR</b> 02-13-03 Risk Analysis and Safety Management III	<b>ORE</b> 09-01-08 Wind Energy: Aero-hydrodynamics VIII	<b>ORE</b> 09-02-03 Wave Energy: WEC Arrays	<b>BES</b> 13-01-05 Blue Economy V	<b>PLH</b> 12-04-02 Coastal Hazards – Tsunamis and Storm Surges II	<b>PT</b> 11-05-01 Integrity of Well Barriers	<b>OG</b> 10-06-01 Pipelines and Cables	<b>OE</b> 06-13-01 Towed and Undersea Cables and Pipes, Mooring, and Buoy Technology I
<b>15:00–15:30</b> Afternoon Coffee Break & Exhibits – Apex Gallery Level 1																
<b>15:30–16:30</b> Concurrent Sessions II	<b>OT</b> 01-07-02 Wave Loading and Motions in Extreme Seas II	<b>CVF</b> 08-04-04 CFD Development II	<b>ST</b> 04-05-02 Subsea Structures & Equipment II	<b>ST</b> 04-04-05 Free Spans and Routing	<b>OE</b> 06-12-04 Ship Hydro-mechanics IV	<b>OE</b> 06-11-05 Ocean Engineering Technology V	<b>SSR</b> 02-11-02 Fatigue and Fracture Reliability II	<b>SSR</b> 02-02-03 Probabilistic Models of Forces and Motions	<b>ORE</b> 09-01-17 Wind Energy: Structures II	<b>ORE</b> 09-04-03 Hybrids and energy storage	<b>BES</b> 13-01-02 Blue Economy II		<b>PLH</b> 12-04-02 Coastal Hazards – Tsunamis and Storm Surges II	<b>PT</b> 11-05-01 Integrity of Well Barriers	<b>OG</b> 10-04-01 Pile and Monopile Foundations	<b>OE</b> 06-13-02 Towed and Undersea Cables and Pipes, Mooring, and Buoy Technology II
<b>16:45–17:45</b> Afternoon Lecture: Determining Crack Sizes in Welded Joints through a Digital Twin Approach – Garnet 212 & 213																
<b>19:00–23:00</b> Banquet Dinner at Orchard Hotel																

## Thursday – June 13

Room	Concurrent #1 Opal 101	Concurrent #2 Opal 102	Concurrent #3 Opal 103	Concurrent #4 Opal 104	Concurrent #5 Garnet 212 & 213	Concurrent #6 Garnet 214	Concurrent #7 Garnet 215	Concurrent #8 Garnet 216	Concurrent #9 Garnet 217	Concurrent #10 Garnet 218	Concurrent #11 Garnet 219	Concurrent #12 Topaz 220 & 225	Concurrent #13 Topaz 221 & 224	Concurrent #14 Topaz 222 & 223	Concurrent #15 OPAL 105
<b>08:30–10:00</b> Concurrent Sessions II	<b>OT</b> 01-08-02 Digitalization, AI/ML, Neural Networks, Digital Twin II	<b>CVF</b> 08-01-02 Maneuvering Simulation	<b>OSU</b> 05-02-02 Aquaculture and Related Technology II	<b>ST</b> 04-02-01 Power Cables I	<b>OE</b> 06-15-03 Unsteady Hydro-dynamics, Vibrations, Acoustics and Propulsion III	<b>OE</b> 06-05-01 Marine Hydro-dynamics I	<b>OE</b> 06-11-06 Ocean Engineering Technology VI	<b>SSR</b> 02-07-01 Reliability of Marine Structures and Components	<b>SSR</b> 02-12-01 Reliability Based Maintenance I	<b>ORE</b> 09-01-09 Wind Energy: Moorings	<b>ORE</b> 09-02-04 Wave Energy: Design and Innovation I	<b>OE</b> 06-08-01 Model Tests I	<b>PT</b> 11-09-02 Sustainability and Green Transition in Petroleum Industry	<b>PT</b> 11-06-01 Production Systems and Subsea Operations	<b>OG</b> 10-02-01 Fluid-Soil-Structure Interaction
<b>10:00–10:30</b> Morning Coffee Break & Exhibits – Apex Gallery Level 1															
<b>10:30–12:00</b> Concurrent Sessions IIIa	<b>OT</b> 01-08-03 Digitalization, AI/ML, Neural Networks, Digital Twin IIIa	<b>CVF</b> 08-01-03 Ship Design and Surface Wave Effects I	<b>ST</b> 04-06-01 Underwater Vehicles I	<b>ST</b> 04-02-02 Power Cables II	<b>OE</b> 06-15-04 Unsteady Hydro-dynamics, Vibrations, Acoustics and Propulsion IV	<b>OE</b> 06-05-02 Marine Hydro-dynamics II	<b>OE</b> 06-16-01 Wave Mechanics, Modeling and Wave Effects I	<b>SSR</b> 02-08-01 Risk and Reliability of Renewable Energy Devices I	<b>SSR</b> 02-12-02 Reliability Based Maintenance II	<b>ORE</b> 09-01-10 Wind Energy: Moorings II	<b>ORE</b> 09-02-05 Wave Energy: Design and Innovation II	<b>OE</b> 06-08-02 Model Tests II	<b>PT</b> 11-04-01 Well Cementing Theory & Practice I	<b>PT</b> 11-07-01 Development of Unconventional Reservoirs	<b>OSU</b> 05-03-01 Deepsea Mining and Ocean Resources
<b>12:00–13:00</b> Lunch & Exhibits – Apex Gallery Level 1															
<b>13:30–15:00</b> Concurrent Sessions I	<b>OT</b> 01-04-01 Design & Analysis I	<b>CVF</b> 08-01-04 Ship Design and Surface Wave Effects II	<b>ST</b> 04-04-04 Lateral Buckling and Reeling	<b>ST</b> 04-01-07 Flexible Pipes & Umbilicals VII	<b>OE</b> 06-02-01 Coastal Engineering I	<b>OE</b> 06-05-03 Marine Hydro-dynamics III	<b>OE</b> 06-01-01 Computational Mechanics and Design Applications	<b>SSR</b> 02-09-01 Reliability of Mooring and Riser Systems I	<b>SSR</b> 02-12-03 Reliability Based Maintenance III	<b>ORE</b> 09-01-11 Wind Energy: Cables I	<b>ORE</b> 09-04-01 Floating Solar Energy I	<b>OE</b> 06-10-01 Offshore Industry: Structures and Design I	<b>PT</b> 11-04-02 Well Cementing Theory & Practice II	<b>PT</b> 11-10-01 Digitalization of Subsurface Wells Systems, Subsea Systems and Operations	
<b>15:00–15:30</b> Afternoon Coffee Break & Exhibits – Apex Gallery Level 1															
<b>15:30–17:00</b> Concurrent Sessions II	<b>OT</b> 01-04-02 Design & Analysis II	<b>CVF</b> 08-01-01 Platforms	<b>ST</b> 04-04-06 Pipe-Soil Interaction	<b>ST</b> 04-05-01 Subsea Structures & Equipment I	<b>OE</b> 06-02-02 Coastal Engineering II	<b>OE</b> 06-05-04 Marine Hydro-dynamics IV	<b>OE</b> 06-14-01 Underwater Vehicles and Design Technology I	<b>SSR</b> 02-09-02 Reliability of Mooring and Riser Systems II	<b>SSR</b> 02-10-01 Well Reliability Assessment	<b>ORE</b> 09-01-12 Wind Energy: System Optimization I	<b>ORE</b> 09-04-02 Floating Solar Energy II	<b>OE</b> 06-10-02 Offshore Industry: Structures and Design II	<b>PT</b> 11-04-03 Well Cementing Theory & Practice III	<b>PT</b> 11-08-01 Advances in Carbon Capture Utilization and Storage (CCUS)	
<b>17:00 – 18:00</b> Farewell Reception – Apex Gallery Level 1															