

PROGRAM OVERVIEW

OMAE[®] 2026

45th International Conference on Ocean, Offshore and Arctic Engineering

Grand Nikko Tokyo Daiba, Tokyo, Japan • June 7–12, 2026



COMPLIMENTARY WI-FI

Network: GrandNikko
Password: nikko240



Please see the **OMAE26 APP** for the detailed program and other useful information about the conference.



INVITED SPEAKERS

Opening Session: Keynote Speakers

Monday, June 8 | Palais Royal | 08:20 – 09:50



Mr. Hidenobu Kubota
Deputy Minister for Technical Affairs; Minister's Secretariat, Ministry of Land, Infrastructure, Transport and Tourism (MLIT)



Mr. Hayato Suga
Representative Director, President & CEO, ClassNK



Mr. Masakatsu Terasaki
Chairman, Floating Offshore Wind Technology Research Association (FLOWRA); Senior Vice President, Deputy Head of Energy Solution Dept., NTT Anode Energy Corp.



Atsushi Yamashita
Chief Technology Officer (CTO), Floating Offshore Wind Technology Research Association (FLOWRA)

Workshop: AI/ML in Maritime

Thursday, June 11 | Hikari, Level 29F | 15:30 – 17:30 | Moderated by Dr. Christina Wang



Dr. Namwooo Kang
CEO, Narnia Labs; Professor, Korea Advanced Institute of Science & Technology (KAIST)



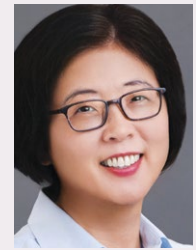
Dr. Xiuju (Flora) Fu
Director of Maritime AI Research Programme; Senior Principal Scientist, Agency for Science, Technology and Research (Singapore)



Dr. Putu Hangga Nan Prayoga
Deputy Manager, Maritime and Logistic Technology Group, MTI Co., Ltd.



Dr. Rodolfo Trentin Gonçalves
CEO, JB Energy – Japan Blue Energy Co., Ltd.



Dr. Christina Wang
Vice President of Engineering Applications American Bureau of Shipping (ABS)

Afternoon Lectures

Châtelet, Level B1F | 17:30 – 18:30



Tuesday, June 9

Scotland & Japan – Education, Research and Industry Collaboration in Naval Architecture and Ocean Engineering

Professor Atilla Incecik
University of Strathclyde, Glasgow, U.K.



Wednesday, June 10

Reeling, an Efficient Offshore Pipelines Installation Method: Advantages, Technical Challenges and Solutions

Professor Stelios Kyriakides
University of Texas at Austin, Austin, USA

SOCIAL EVENTS



Welcome Reception

Sunday, June 7
17:00 – 19:00
Exhibit Foyer



Conference Banquet

Wednesday, June 10
19:00 – 22:00
Palais Royal Ballroom



Conference Lunches

Mon., June 8 – Thurs., June 11
12:00 – 13:20
Palais Royal Ballroom



Farewell Reception

Thursday, June 11
17:30 – 18:30
Palais Royal B & C

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Tokyo Convention & Visitors Bureau
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EXHIBITORS



National Research Council Canada

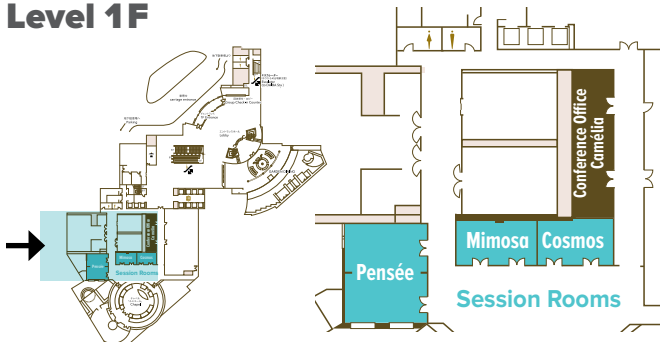
Conseil national de recherches Canada



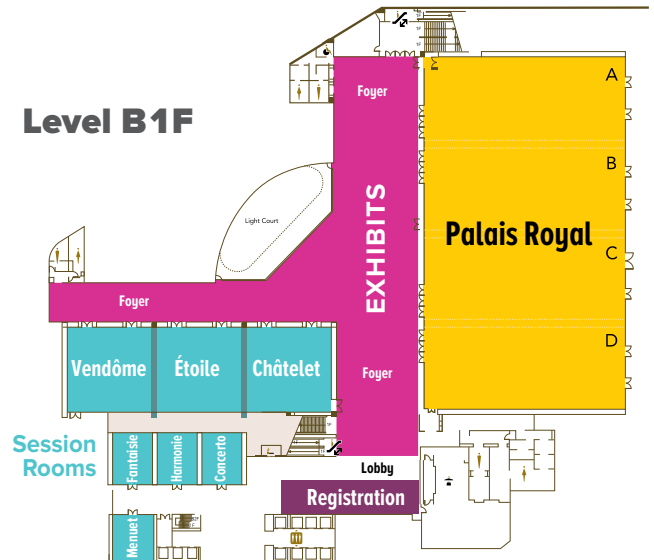
FLOOR PLANS

- Registration: Level B1F
- Welcome Reception, Exhibits, Refreshment Breaks: Level B1F
- Opening Plenary, Lunches & Conference Banquet: Level B1F
- Concurrent Sessions: Level B1F, Level 1F, Level 29F
- Conference Office: Level 1F

Level 1F



Level B1F



Level 29F



Key to Concurrent Sessions

OT	SYMP 1: Offshore Technology
SSR	SYMP 2: Structures, Safety and Reliability
MT	SYMP 3: Materials Technology
ST	SYMP 4: Subsea Technology

OSU	SYMP 5: Ocean Space Utilization
OE	SYMP 6: Ocean Engineering
PAT	SYMP 7: Polar and Arctic Sciences and Technology
CMDS	SYMP 8: Computational Mechanics & Data Science
ORE	SYMP 9: Ocean Renewable Energy
OG	SYMP 10: Offshore Geotechnics

PT	SYMP 11: Petroleum Technology
BES	SYMP 12: Blue Economy Symposium
OTEC	SYMP 13: Ocean Thermal Energy Conversion
SSMS	SYMP 14: Smart and Sustainable Maritime Systems
PAI	SYMP 15: Prof. Atilla Incecik Honoring Symposium
PKN	SYMP 16: Prof. Kazuo Nishimoto Honoring Symposium

Note: Some titles are shortened in this program; full session names appear in the Conference App.

Monday – June 8

Room	Concurrent #1 Châtelet	Concurrent #2 Étoile (A)	Concurrent #3 Étoile (B)	Concurrent #4 Vendôme	Concurrent #5 Fantaisie	Concurrent #6 Harmonie	Concurrent #7 Concerto	Concurrent #8 Menuet	Concurrent #9 Pensée A	Concurrent #10 Pensée B	Concurrent #11 Ginga	Concurrent #12 Niji	Concurrent #13 Akane	Concurrent #14 Hikari	Concurrent #15 Akatsuki	Concurrent #16 Mimosa	Concurrent #17 Cosmos
08:20–09:50 Opening Ceremony, Keynote Presentations – Palais Royal ABCD																	
09:50–10:20 Morning Coffee Break & Exhibits – Foyer B1F																	
10:20–12:00 Concurrent Sessions	OE 06-02-01 Coastal Engineering I	OE 06-03-01 Fluid-Structure, Multi-body and Wave-body... I	ORE 09-05-01 Wave Energy: Hydrodynamics I	ORE 09-01-01 Wind Energy: Power Cables I	SSR 02-05-01 Data-driven and AI-based Models	SSR 02-14-01 Structural Analysis of Marine Structures I	PT 11-01-01 Drilling Technology I	PAI 15-02-01 Floating Wind Turbines	PKN 16-01-01 Offshore Wind Energy and Renewables	PAT 07-01-01 Arctic Environments and Frontier Regions	ST 04-01-01 Flexible Pipes I	OT 01-01-01 Offshore Platforms I	OSU 05-01-01 VLFS and New Concepts for Ocean Space...	CMDS 08-07-01 Internal Flows & Fluid-Structure Interaction...	SSMS 14-01-01 New Concepts & Retrofit Solutions	OE 06-13-01 Towed and Undersea Cables and Pipes... I	ORE 09-04-02 AI and System Optimization
12:00–13:20 Lunch & Exhibits – Foyer B1F																	
13:20–15:00 Concurrent Sessions	OE 06-02-02 Coastal Engineering II	OE 06-03-02 Fluid-Structure, Multi-body and Wave-body... II	ORE 09-08-01 Floating Solar: Mooring and Hydrodynamics I	ORE 09-02-01 Wind Energy: Mooring System I	SSR 02-01-01 Extreme Metocean Conditions	SSR 02-14-02 Structural Analysis of Marine Structures II	PT 11-03-01 Data Science Application in Drilling Engineering & Drilling... II	PAI 15-01-02 Seakeeping and Operability	PKN 16-10-01 Marine Hydrodynamics and Subsea Technology	PAT 07-02-01 Arctic Sea Transportation	ST 04-01-02 Flexible Pipes II	OT 01-04-01 Design & Analysis I	OSU 05-02-01 Aquaculture and Related Technology I	CMDS 08-03-01 Fundamental Vortex Induced Vibrations & Cylinder...	SSMS 14-02-01 Energy Systems & Optimization	OE 06-13-02 Towed and Undersea Cables and Pipes, Mooring... II	ORE 09-09-01 Hybrid Energy: Hybrid Marine Renewables
15:00–15:30 Afternoon Coffee Break & Exhibits – Foyer B1F																	
15:30–17:30 Concurrent Sessions	OE 06-02-03 Coastal Engineering III	OE 06-03-03 Fluid-Structure, Multi-body and Wave-body... III	ORE 09-07-02 Tidal & Current Energy I	ORE 09-02-06 Wind Energy: Dynamic Analysis II	SSR 02-02-01 Probabilistic and Spectral Wave Modelling	SSR 02-14-03 Structural Analysis of Marine Structures III	PT 11-07-01 Petroleum Production: Offshore Systems and Subsea...	PAI 15-01-01 Seakeeping and Operability	PKN 16-09-01 Ocean Engineering Education and Research Program I	PAT 07-03-01 Marine Propulsion in Arctic Environments	ST 04-03-01 Rigid Risers	OT 01-08-01 CFD Modeling and Offshore Applications	OSU 05-05-01 Floating Systems for Renewable Energy I	CMDS 08-03-02 VIV of Risers, Cables & Flexible Structures	SSMS 14-04-01 Operational Efficiency & Highly-automated Systems	OE 06-16-01 Wave Mechanics, Modeling and Wave Effects I	ORE 09-01-07 Wind Energy: Design and Process I

Tuesday – June 9

Room	Concurrent #1 Châtelet	Concurrent #2 Étoile (A)	Concurrent #3 Étoile (B)	Concurrent #4 Vendôme	Concurrent #5 Fantaisie	Concurrent #6 Harmonie	Concurrent #7 Concerto	Concurrent #8 Menuet	Concurrent #9 Pensée A	Concurrent #10 Pensée B	Concurrent #11 Ginga	Concurrent #12 Niji	Concurrent #13 Akane	Concurrent #14 Hikari	Concurrent #15 Akatsuki	Concurrent #16 Mimosa	Concurrent #17 Cosmos
08:10–09:50 Concurrent Sessions	OE 06-05-01 Marine Hydrodynamics I	OE 06-15-01 Unsteady Hydrodynamics, Vibrations, Acoustics... I	ORE 09-05-02 Wave Energy: Optimization	ORE 09-01-02 Wind Energy: Cables and Arrays	SSR 02-04-01 Extreme Loads and Response I	SSR 02-15-01 Ultimate Strength of Marine Structures I	PT 11-02-01 Well Drilling Fluids and Hydraulics I		PKN 16-05-01 Decommissioning and Repurposing of Offshore Oil & Gas...	PAT 07-04-01 Ships and Structures in Ice	ST 04-01-03 Flexible Pipes III	OT 01-06-01 CFD Modeling and Offshore Applications	OSU 05-02-02 Aquaculture and Related Technology II	CMDS 08-01-01 Hydrodynamic Performance & Ship Resistance...	SSMS 14-01-02 New Concepts & Retrofit Solutions	OE 06-17-01 AI Technology for Ocean Engineering I	ORE 09-02-08 Wind Energy: System Testing
09:50–10:20 Morning Coffee Break & Exhibits – Foyer B1F																	
10:20–12:00 Concurrent Sessions			ORE 09-07-01 Tidal & Current Energy II	ORE 09-02-02 Wind Energy: Mooring System II	SSR 02-04-02 Extreme Loads and Response II	SSR 02-15-02 Ultimate Strength of Marine Structures II	PT 11-02-02 Well Drilling Fluids and Hydraulics II	PAI 15-03-01 Marine renewable energy	PKN 16-08-01 Numerical Wave Tank-Intelligent Systems, Automation...	PAT 07-04-02 Ships and Structures in Ice	ST 04-01-04 Flexible Pipes IV	OT 01-02-01 Station Keeping	OSU 05-04-01 CCUS and Underwater Development/Utilization I	CMDS 08-01-02 Ship Dynamics, Maneuvering & Extreme Loads	SSMS 14-02-02 Energy Systems & Optimization		ORE 09-01-08 Wind Energy: Design and Process II
12:00–13:20 Lunch & Exhibits – Foyer B1F																	
13:20–15:00 Concurrent Sessions	OE 06-03-05 Fluid-Structure, Multi-body and Wave-body... V	OE 06-15-03 Unsteady Hydrodynamics, Vibrations, Acoustics... III	ORE 09-10-01 CCUS and Hydrogen Storage	ORE 09-03-02 Wind Energy: Systems Analysis	SSR 02-08-01 Reliability of Renewable Energy Devices I	SSR 02-16-01 Collision and Grounding	PT 11-05-01 Well Cementing Theory & Practice I	PAI 15-04-01 Hydrodynamics of Floating Structures	PKN 16-09-02 Ocean Engineering Education and Research Program II	PAT 07-04-03 Ships and Structures in Ice	ST 04-05-01 Subsea Structures & Equipment I	OT 01-08-02 Digitalization, AI/ML, Digital Twins II	OSU 05-05-02 Floating Systems for Renewable Energy II	CMDS 08-01-03 AI Driven Autonomous Navigation, Collision Avoidance...	SSMS 14-03-01 Energy Storage, Refueling & Infrastructure		ORE 09-01-03 Wind Energy: FOWT Hydrodynamics
15:00–15:30 Afternoon Coffee Break & Exhibits – Foyer B1F																	
15:30–17:30 Concurrent Sessions	OE 06-03-06 Fluid-Structure, Multi-body and Wave-body... VI	OE 06-12-01 Ship Hydro-mechanics I	ORE 09-08-02 Floating Solar: Designs and Concepts	ORE 09-03-01 Wind Energy: Operations & Maintenance	SSR 02-08-02 Reliability of Renewable Energy Devices II	SSR 02-07-01 Reliability of Marine Structures	PT 11-09-01 Characterization of Subsurface ... II and Advances in CCUS I	PAI 15-07-01 Ship Manoeuvring, Resistance and Propulsion	OTEC 13-01 OTEC, Applications and Devices	PAT 07-04-04 Ships and Structures in Ice	ST 04-05-02 Subsea Structures & Equipment II	OT 01-01-02 Offshore Platforms II	OSU 05-06-01 High Tide and Tsunamis	CMDS 08-06-01 Integrated Design & Environmental Assessment...	SSMS 14-04-02 Operational Efficiency & Highly-automated Systems	OE 06-16-02 Wave Mechanics, Modeling and Wave Effects II	
17:30–18:30 Afternoon Lecture: Scotland & Japan – Education, Research and Industry Collaboration in Naval Architecture and Ocean Engineering – Châtelet																	

Wednesday – June 10

Room	Concurrent #1 Châtelet	Concurrent #2 Étoile (A)	Concurrent #3 Étoile (B)	Concurrent #4 Vendôme	Concurrent #5 Fantaisie	Concurrent #6 Harmonie	Concurrent #7 Concerto	Concurrent #8 Menuet	Concurrent #9 Pensée A	Concurrent #10 Pensée B	Concurrent #11 Ginga	Concurrent #12 Niji	Concurrent #13 Akane	Concurrent #14 Hikari	Concurrent #15 Akatsuki	Concurrent #16 Mimosa	Concurrent #17 Cosmos
08:10–09:50 Concurrent Sessions	OE 06-04-01 Marine Engineering and Technology I		ORE 09-05-03 Wave Energy: Control	ORE 09-01-04 Wind Energy: Aerodynamics	SSR 02-10-01 Fatigue and Fracture Reliability I	OG 10-01-01 Anchors, Moorings and Cables	PT 11-05-02 Well Cementing Theory & Practice II	PAI 15-05-01 Mooring, Riser and Pipelines	BES 12-01-01 Blue Economy I: Offshore Submersible Fish...	PAT 07-05-01 Ice Model Tests	ST 04-01-05 Flexible Pipes V	OT 01-08-03 Digitalization, AI/ML, Digital Twins III	OSU 05-03-01 Marine Structural Dynamics and Offshore...	CMDS 08-05-01 AI-Enabled Marine Sensing, Monitoring & Digital Twins	SSMS 14-01-03 New Concepts & Retrofit Solutions	OE 06-17-04 AI Technology for Ocean Engineering IV	ST 04-04-03 Rigid Pipelines III
09:50–10:20 Morning Coffee Break & Exhibits – Foyer B1F																	
10:20–12:00 Concurrent Sessions	OE 06-04-02 Marine Engineering and Technology II	OE 06-05-03 Marine Hydrodynamics III	ORE 09-08-03 Floating Solar: Loads and Responses	ORE 09-02-03 Wind Energy: Mooring System III	SSR 02-10-02 Fatigue and Fracture Reliability II	OG 10-02-01 Bucket Foundations and Suction Piles	PT 11-05-03 Well Cementing Theory & Practice III	PAI 15-06-01 Fluid-Structure Interactions	BES 12-02-01 Blue Economy II: Seaweed and Kelp Mariculture...	PAT 07-06-01 Numerical Ice Modeling	ST 04-01-06 Flexible Pipes VI	OT 01-03-01 Hydrodynamics I	OSU 05-03-02 Marine Structural Dynamics and Offshore... II	CMDS 08-05-02 Machine Learning for Marine Forecasting & ...	SSMS 14-02-03 Energy Systems & Optimization	OE 06-17-05 AI Technology for Ocean Engineering V	
12:00–13:20 Lunch & Exhibits – Foyer B1F																	
13:20–15:00 Concurrent Sessions	OE 06-11-01 Ocean Engineering Technology I	OE 06-05-04 Marine Hydrodynamics IV	ORE 09-09-02 Hybrid Energy: Hybrid Applications	ORE 09-03-03 Wind Energy: Environment and Reliability	SSR 02-11-01 Reliability Based Maintenance	OG 10-03-01 Piles, Monopiles and Helical Piles	PT 11-10-01 Sustainability and Green Transition in Petroleum...	PAI 15-08-01 Physical Model Test & Measurement Technology	BES 12-03-01 Blue Economy III: Ocean Monitoring, Aquaculture...	MT 03-05-01 Pipe Materials Under Severe Environments	ST 04-04-01 Rigid Pipelines I	OT 01-08-04 Digitalization, AI/ML, Digital Twins IV	OSU 05-04-02 CCUS and Underwater Development/Utilization II	CMDS 08-05-03 Physics-Guided AI & Surrogate Models in...	SSMS 14-04-03 Operational Efficiency & Highly-automated Systems	OE 06-17-06 AI Technology for Ocean Engineering VI	
15:00–15:30 Afternoon Coffee Break & Exhibits – Foyer B1F																	
15:30–17:30 Concurrent Sessions	OE 06-11-02 Ocean Engineering Technology II	OE 06-12-02 Ship Hydro-mechanics II	ORE 09-04-01 AI for Ocean Renewable Energy	ORE 09-01-05 Wind Energy: Computational Modeling I	SSR 02-09-01 Reliability of Moorings & Risers	OG 10-04-01 Seabed Processes and Soil Properties	PT 11-09-02 Advances in Carbon Capture Utilization & Storage... II	PAI 15-09-01 Marine Environment and Offshore Structure...	BES 12-04-01 Blue Economy IV: Modular Marine Platforms...	MT 03-06-01 Composite Material Design and Modelling	ST 04-04-02 Rigid Pipelines II	OT 01-01-03 Offshore Platforms III	OSU 05-07-01 MSP and Coastal Zone Utilization	CMDS 08-05-04 Reinforcement Learning & Advanced AI for Marine...	SSMS 14-03-02 Energy Storage, Refueling & Infrastructure	OE 06-16-03 Wave Mechanics, Modeling and Wave Effects III	
17:30–18:30 Afternoon Lecture: Reeling, an Efficient Offshore Pipelines Installation Method: Advantages, Technical Challenges and Solutions – Châtelet																	
19:00–22:30 Banquet Dinner at Grand Nikko Tokyo Daiba																	

Thursday – June 11

Room	Concurrent #1 Châtelet	Concurrent #2 Étoile (A)	Concurrent #3 Étoile (B)	Concurrent #4 Vendôme	Concurrent #5 Fantaisie	Concurrent #6 Harmonie	Concurrent #7 Concerto	Concurrent #8 Menuet	Concurrent #9 Pensée A	Concurrent #10 Pensée B	Concurrent #11 Ginga	Concurrent #12 Niji	Concurrent #13 Akane	Concurrent #14 Hikari	Concurrent #15 Akatsuki	Concurrent #16 Mimosa	
08:10–09:50 Concurrent Sessions	OE 06-04-03 Marine Engineering and Technology III	OE 06-05-05 Marine Hydrodynamics V	ORE 09-05-04 Wave Energy: Power Take Off Systems	ORE 09-01-06 Wind Energy: Computational Modeling II	SSR 02-13-01 Risk Analysis I	OG 10-02-02 Bucket Foundations and Suction Piles	PT 11-06-01 Integrity of Well Barriers I	SSR 02-12-01 Digital Twins of Marine Structures I	BES 12-05-01 Blue Economy V: Maritime Decarbonization...	MT 03-02-01 Fatigue Performance and Testing	ST 04-02-01 Power Cables I	OT 01-04-02 Design & Analysis II	PT 11-11-01 Digitalization and Automation Using AI/ML in...	CMDS 08-02-01 Wave-Structure Interaction, Noise Modeling, and Marine...	OE 06-01-01 Computational Mechanics and Design Applications	OE 06-14-01 Underwater Vehicles and Design Technology I	
09:50–10:20 Morning Coffee Break & Exhibits – Foyer B1F																	
10:20–12:00 Concurrent Sessions	OE 06-04-04 Marine Engineering and Technology IV	OE 06-05-06 Marine Hydrodynamics VI	ORE 09-06-01 Wave Energy: Design and Innovation	ORE 09-02-04 Wind Energy: Moorings & Farm Layouts	SSR 02-13-02 Risk Analysis II	OG 10-03-02 Piles, Monopiles and Helical Piles	PT 11-06-02 Integrity of Well Barriers II	SSR 02-12-02 Digital Twins of Marine Structures II	BES 12-06-01 Blue Economy VI: Offshore Decommissioning...	MT 03-02-02 Fatigue Performance and Testing	ST 04-02-02 Power Cables II	OT 01-08-05 Digitalization, AI/ML, Digital Twins V	PT 11-08-01 Characterization of Subsurface Reservoirs and Flow Dynamics I	CMDS 08-04-01 Advanced Numerical Methods for Marine Hydrodynamics	OE 06-09-01 Offshore Industry: Aquaculture, Mining, etc.	OE 06-14-02 Underwater Vehicles and Design Technology II	
12:00–13:20 Lunch & Exhibits – Foyer B1F																	
13:20–15:00 Concurrent Sessions	OE 06-11-03 Ocean Engineering Technology III	OE 06-05-07 Marine Hydrodynamics VII	ORE 09-09-03 Hybrid Energy: Concept and Analysis	ORE 09-02-05 Wind Energy: Dynamic Analysis I		OG 10-05-01 Fluid-Soil-Structure Interaction	PT 11-02-03 Well Drilling Fluids and Hydraulics III	SSR 02-12-03 Digital Twins of Marine Structures III	BES 12-07-01 Blue Economy VII: Floating Offshore Wind and Green...	MT 03-04-01 Integrity Assessment and Life Extension	ST 04-06-01 Underwater Vehicles & Subsea Communications I	OT 01-11-01 Autonomous Operations Utilizing Digital Twins...		CMDS 08-04-02 Applications of CFD in Marine Operations, Safety...		OE 06-08-01 Model Tests I	
15:00–15:30 Afternoon Coffee Break & Exhibits – Foyer B1F																	
15:30–17:30 Concurrent Sessions	OE 06-11-04 Ocean Engineering Technology IV	OE 06-12-03 Ship Hydro-mechanics III	ORE 09-05-05 Wave Energy: Oscillating Water Columns	ORE 09-02-07 Wind Energy: Fatigue Analysis	SSR 02-13-04 Risk Analysis IV	OG 10-04-02 Seabed Processes and Soil Properties	PT 11-04-01 Drilling Automation			MT 03-01-01 Fracture, Crack Growth and Inspection of Pipeline Steels	ST 04-06-02 Underwater Vehicles and Subsea Communications II	OT 01-03-02 Hydrodynamics II			OE 06-07-01 Metocean, Measurement and Data Interpretation	OE 06-08-02 Model Tests II	
17:30–18:30 Farewell Reception – Palais Royal BC																	