

Schedule

November 26(Mon.),2018

13:00	Meeting at Fukuoka Airport & Move to IOES by Chartered Bus
15:30	Registration & Orientation
18:00	Welcome Reception at IOES
20:00	Move to Hotel by Chartered Bus

November 27(Tue.),2018

9:00-9:10	Opening Ceremony
9:10-12:40	Special Lectures
12:40-14:00	Lunch Break *Optional tour(IOES Facilities)
14:00-17:40	Presentations by Young Researchers

November 28(Wed.),2018

9:00-12:10	Presentations by Young Researchers
12:10-13:10	Lunch Break
13:10-14:50	Presentations by Young Researchers
15:00-17:30	General Discussions
17:30-17:40	Best Presentation Award Ceremony

November 29(Thu.),2018

9:00-10:00	Guided Tour (Namura Shipbuilding Co.,Ltd.)
10:15	Move to Nagasaki by Chartered Bus
PM	Free Time

November 30(Fri.),2018

9:25-10:15	Guided Tour(Mitsubishi Heavy Industries,Ltd.)
10:30	Move to IOES by Chartered Bus
12:00	Travel Expenses Payment from Saga University, Lunch Break
13:30	Move to Fukuoka by Chartered Bus
15:00-16:30	Guided Tour (Sea water Desalination Plant)
16:45	Move to Hotel by Chartered Bus

December 1(Sat.),2018

9:00-10:30	Short Presentations by Young Researchers
10:30-10:45	Closing Ceremony

Program

November 26(Mon.),2018

15:30	Registration & Orientation
18:00	Welcome Reception

November 27(Tue.),2018

9:00–9:10	Opening Ceremony
	Prof.Shuichi Nagata Director of Institute of Ocean Energy at Saga University, Japan

Special Lectures

9:10-9:50	Ocean Energy Utilization
	Prof.Takeshi Kinoshita Nagasaki Institute of Applied Science,JAPAN
9:50-10:30	Advanced Off-shore Wind Energy
	Prof.Tomoaki Utsunomiya Kyushu University,JAPAN
10:30-11:10	Development of Wave Energy Utilization
	Prof.Shuichi Nagata Institute of Ocean Energy at Saga University,JAPAN
11:10-11:20	Coffee Break
11:20-12:00	Present State and Future Challenges of Tidal Current Power Generation in Japan
	Prof.Yusaku Kyojuka Nagasaki University,JAPAN
12:00-12:40	Advanced Ocean Thermal Energy
	Prof.Yasuyuki Ikegami Institute of Ocean Energy at Saga University,JAPAN
12:40-14:00	Lunch Break *Optional tour(IOES Facilities)

Presentations by Young researchers

Session1:Offshore Wind Energy

Chair: Michael Kelly, University of California, Berkeley, USA

14:00–14:20	YR-1: Floating installation of offshore wind turbines Shuxing Li Dalian University of Technology,CHINA
14:20–14:40	YR-2: Multi-criteria site selection for offshore floating wind farms Hugo Diaz Martinez Instituto Superior Técnico,PORTUGAL
14:40–15:00	YR-3: SENSITIVITY ANALYSIS OF NON-LINEAR HYDRODYNAMIC LOADS FOR MONOPILE OFFSHORE WIND TURBINE Abdolmajid Moghtadaei Queen’s University Belfast,UK
15:00–15:20	YR-4: Structural Analysis of Floating Vertical Axis Wind Turbine (VAWT) Ahmad Adilah Osaka University,JAPAN
15:20–15:30	Coffee Break

Session2:OTEC and DSW applications

Chair: Georgios Lavidas, Delft University of Technology, Netherlands

15:30–15:50	YR-5: Application of OTEC at Equatorial Area to Achieve SDGs Kang-hee Lee KRISO(Korea Research Institute of Ships & Ocean Engineering),KOREA
15:50–16:10	YR-6: Bathymetry data analysis of the Ocean Thermal Energy Conversion (OTEC) resource Mohammad Shafiq Bin Rahmat Universiti Teknologi Malaysia,MALAYSIA
16:10–16:30	YR-7: Deep Sea Water Solutions for Manado, Indonesia Machiel van der Veer Delft University of Technology,NETHERLANDS
16:30–16:40	Coffee Break
16:40–17:00	YR-8: Effective Seawater Desalination using Ocean Thermal Energy and SBA-16 Mesoporous Material –A low cost novel approach Dsilva Winfred Rufuss D Anna University, Chennai, Tamil Nadu, INDIA
17:00–17:20	YR-9: The challenges of Hybrid Ocean Thermal Energy Conversion - lessons learnt from Organic Rankine Cycle application in automotive low-grade heat recovery Meng Soon Chiong Universiti Teknologi Malaysia,MALAYSIA
17:20–17:40	YR-10: The Visualization of Flows Accompanying with Evaporation inside of Plate Heat Exchangers for Ocean Thermal Energy Conversion Kiwamu Sasaki Saga University,JAPAN

November 28(Wed.),2018**Presentations by Young researchers****Session3:Wave Energy Converter**

Chair: Martha Maria Deen, GEOMAR, Germany

9:00–9:20	YR-11: Annual Performance of the NREL Oscillating Surge Wave Energy Converter with Controllable Geometry Michael Kelly University of California, Berkeley,USA
9:20–9:40	YR-12: Design Concept of Waves Energy Electricity System With Dual Turbines Mechanism and Automotion Control System Integration Halid Nuryadi Darma Persada University,INDONESIA
9:40–10:00	YR-13: Development of Oscillating Bodies in Array Configuration as Wave Energy Converter Device Mohd Rashdan Saad Universiti Pertahanan Nasional Malaysia (UPNM),MALAYSIA
10:00–10:20	YR-14: Hydrodynamic performance of floating wave energy converters incorporated with a vertical-wall breakwater Long Wang Dalian University of Technology,CHINA
10:20–10:40	YR-15: Impact and adaptation to future climate changes in the coastal zone of Thailand Rachata Sareesri King Mongkut’s University of Technology Thonburi,THAILAND
10:40–10:50	Coffee Break

10:50–11:10	YR-16: Importance of Interdisciplinary Methodologies to Accelerate Wave Energy. Georgios Lavidas Delft University of Technology,NETHERLANDS
11:10–11:30	YR-17: Performance Analysis of a floating OWC– type Wave Energy Converter “Backward Bend Duct Buoy” by Vortex Method Yotaro Noguchi Saga University, JAPAN
11:30–11:50	YR-18: Potential Oscillating Water Column Wave Energy Converter for Generation in Indonesia Muhammad Ridho Darma Persada University,INDONESIA
11:50–12:10	YR-19: The study of power wave generation in the coastal zone of Thailand by Using computational fluid dynamics (CFD) Treerat Kuljitjuawong King Mongkut’s University of Technology Thonburi,THAILAND
12:10–13:10	Lunch Break

Session4:Environment and Ocean energy potential
Chair: Hugo Diaz Martinez, Institutor Superior Tecnico, Portugal

13:10–13:30	YR-20: ASSESSMENT OF SEA SURFACE EXTREME WAVE EVENTS Mohamad Abu Ubaidah Amir Ecole Centrale de Nantes,FRANCE
13:30–13:50	YR-21: Calculating the regional Ocean Energy Potential using seismic data Martha Maria Deen GEOMAR,GERMANY
13:50–14:10	YR-22: Comparing Photosynthesis Rates of Coral Species, Porites cylindrica, Taken from 2 Similar Bays with Different pH Levels LeahMarie Bukourou Palau Community College,PALAU
14:10–14:30	YR-23: Effects of the Invasive Species Macaca Fascicularis in Palau Daysha N. Adelbai Palau Community College,PALAU
14:30–14:50	YR-24: Natural Shore Protection Method as Countermeasure of Beach Erosion in Ojigahama Beach, Shingu City Muhajjir Osaka University,JAPAN
14:50–15:00	Coffee Break

General Discussions

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