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Schedule

November 11(Mon.),2019

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

November 12(Tue.),2019

9:00-9:20	Opening Ceremony
9:20-12:50	Special Lectures
12:50-14:00	Lunch Break *Optional tour(IOES Facilities)
14:00-18:20	Presentations by Young Researchers

November 13(Wed.),2019

9:00-11:30	Presentations by Young Researchers
11:30-12:40	Lunch Break
12:40-14:20	Presentations by Young Researchers
14:30-17:30	General Discussions
17:30-17:40	Best Presentation Award Ceremony

November 14(Thu.),2019

8:00	Move to Nagasaki city by Chartered Bus
10:15-11:05	Guided Tour (Mitsubishi Heavy Industries,Ltd.)
11:15	Move to Hotel by Chartered Bus (Keep baggage at Hotel)
PM	Free Time,Lunch Break

November 15(Fri.),2019

9:00	Move to Sasebo city by Chartered Bus
11:00	Guided Tour (Huistenbosch Environment Equipment)
12:00	Free Time (Huistenbosch),Lunch Break
18:30	Move to Hotel by Chartered Bus

November 16(Sat.),2019

8:00	Move to GENKAI by Chartered Bus
10:30-11:40	Guided Tour (Genkai Energy Park)
12:20-13:30	Momoyama-Tenkaichi Rest Area,Lunch Break
14:00-15:00	Karatsu Castle
15:00	Move to Hotel (Fukuoka City) by Chartered Bus

November 17(Sun.),2019

9:00-10:30	Short Presentations by Young Researchers
10:30-11:00	Closing Ceremony

Program

November 11 (Mon.), 2019

15:30	Registration & Orientation
18:30	Welcome Reception

November 12 (Tue.), 2019

9:00–9:20	Opening Ceremony	Representative of Saga University
	Prof. Shuichi Nagata	Director of IOES

Special Lectures

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

Presentations by Young researchers

Session 1: Wave Energy Converters

14:00–14:20	Characteristic Analysis of Pendulum Oscillation at Ocean Wave Power Plant Based on Pendulum System	Rodhiatul Isnaini	Osaka University, JAPAN
14:20–14:40	Development of Performance Analysis Method of a Floating OWC-type Wave Energy Converter in Regular Waves	Takashi Hanayama	Saga University, JAPAN
14:40–15:00	Evaluation of Wave Energy Potential in Andaman Sea Using Simulated Wave Nearshore (SWAN) Model	Wanat Wongsuchoto	King Mongkut's University of Technology Thonburi, THAILAND
15:00–15:20	Shape Optimization of Floating Oscillating Water Column (FOWC) for Wave Energy Converter Device	Muhamad Aiman Bin Jalani	University Pertahanan Nasional Malaysia, MALAYSIA

15:20–15:40	The study of Wave Power Generating in Thailand’s Coastal Zone by Using Computational Fluid Dynamics Watusiri Suwannarat King Mongkut’s University of Technology Thonburi, THAILAND
15:40–15:50	Coffee Break

Session 2: OTEC

15:50–16:10	Application Ocean Thermal Energy Conversion (OTEC) on Fixed Offshore Platform in Malaysia Sayyid Zainal Abidin Syed Ahmad Universiti Teknologi Malaysia, MALAYSIA
16:10–16:30	Design and Simulation of Otec Plant in Makassar Strait Indonesia Bangun Novianto Darma Persada University, INDONESIA
16:30–16:50	Dynamic Simulation of System Performance Change Through PID Automatic Control of The Seawater Temperature Differential Seungtaek Lim Korea Research Institute of Ships & Ocean Engineering, KOREA
16:50–17:10	High Efficiency Small–Scaled ORC Turbine for Ocean Thermal Energy Conversion (OTEC) Ahmad Razin Bin Jasmi Universiti Teknologi Malaysia, MALAYSIA
17:10–17:20	Coffee Break
17:20–17:40	Measurement of Condensation Heat Transfer Coefficient of Water Vapor on Aluminum Plate Condenser Yuta Shigenaga Saga University, JAPAN
17:40–18:00	Numerical Investigation on Improving The Performance of Fluid Machinery Equipment in Ocean Energy Conversion Process – A Primary Study of The Effect of Tubes Qingwei Gong Dalian University of Technology, CHINA
18:00–18:20	Simplified Evaluation of OTEC Maximum Power Output Based on a Carnot Cycle to Facilitate Heat Exchangers Comparison Kevin Davy–Erik Fontaine Saga University, JAPAN

November 13 (Wed.), 2019

Presentations by Young researchers

Session 3: Environment, Potential and Application on Ocean Energy

9:00–9:20	Analysis of Natural Hazard Events at Pacific Island Contries with Wave Energy Potential Jessica Borges Posterari University of Tokyo, JAPAN
9:20–9:40	Effect of Perfluorooctanoic Acid on Fertilization Success in The Reef Building Coral Montipora Capitata McQuinnley Mesengei Palau Community College, PALAU
9:40–10:00	Monitoring Small–scale Coral Bleaching on Inner The Inner Bay Reefs and Seawater Temperature in Palau Tristan Isaac Palau Community College, PALAU
10:00–10:20	Offshore Floating Solar Energy, Pioneering in the world Fabian Jeroen Koppes Delft University of Technology, THE NETHERLANDS
10:20–10:30	Coffee Break
10:30–10:50	Submerged Wall and Trench Systems to Suppress Tsunami Wave Energy Kukulege Bhathisha Akalanka Silva Osaka University, JAPAN

10:50–11:10	Techno–Economic Analysis of Marine Hydrokinetic Energy Elena Blackman National Renewable Energy Laboratory, U.S.A.
11:10–11:30	Testing of Variable Flow Induced by Marine Renewable Energy Sources on a Small Scale Reverse Osmosis Unit for Design Optimisation Mercedesz Kovacsics Queen’s University Belfast, Northern Ireland, U.K.
11:30–12:40	Lunch Break

Session 4: Tidal and Offshore Wind Energies

12:40–13:00	PTO and Control Design of A Horizontal–axis Model Turbine for Experimental Research Mohammad Rafiei CNR (Italian National Research Council), ITALY
13:00–13:20	Research, Development and Mechanisms of a New Generation Multi–Connection Vertical Axis Wind Turbine Sharath Srinivasamurthy Osaka Prefecture University, JAPAN
13:20–13:40	Research on Vibration and Control of Offshore Wind Turbine Foundation in Ice Regions Shuaifei Wang Dalian University of Technology, CHINA
13:40–14:00	Risk–based Structural Assessment of Fixed Offshore Wind Turbines Baran Ali Sir Yeter Instituto Superior Tecnico, University of Lisbon, PORTUGAL
14:00–14:20	Wind Potency at Strait Sempu Island in East Java Indonesia Putra Pratama Darma Persada University, INDONESIA
14:20–14:30	Coffee Break

General Discussions

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