

Program of The 7th Program of International Platform on Ocean Energy for Young Researcher 2020

Day 1: December 7 (Mon.), 2020			SYSTEM
JST	(GMT /UTC)		
13:00	(am 4:00)	Opening Remarks Prof. Dr. Noriyoshi Teramoto, Vice-President, Saga University, Japan Prof. Dr. Yasuyuki Ikegami, Director, Institute of Ocean Energy, Saga University, Japan	WEBEX
13:20	(am 4:20)	IOES indtorduction	WEBEX
14:00	(am 5:00)	Special Lecture : Ocean Energy Utilization: Current Japanese activities and issues of floating wind turbines and ocean energy Prof. Takeshi Kinoshita, Counselor of Ocean Energy Association, Japan	WEBEX
14:30	(am 5:30)	Special Lecture Q&A	
14:45	(am 5:45)	Coffee break / Free discussion	REMO
15:00	(am 6:00)	Special Lecture : R & D and demonstration experiments of a floating/submersible shrouded tidal current turbine system Prof. Yusaku Kyojuka, Nagasaki University, Japan	WEBEX
15:30	(am 6:30)	Special Lecture Q&A	
15:45	(am 6:45)	Coffee break / Free discussion	REMO
16:00	(am 7:00)	Young researcher presentation / session 1: Wave & Tide Energies	
16:00	(am 7:00)	Wave Energy Assessment and Feasibility Study in The Pacific: A Case Study of the Island of 'Eua Jessica Borges Posterari, University of Tokyo, Japan	
16:15	(am 7:00)	Evaluation of Ramps Shape Performance on Integration of Breakwaters and Overtopping for Energy Conversion Muhammad Faris Roslan, University Malaysia Terengganu, Malaysia	WEBEX
16:30	(am 7:00)	Research Developments in Wave Energy Converters in UPNM: 2 Years After Attending 5th IPOEYR (2018) Mohd Rashdan Saad, National Defence University of Malaysia (UPNM), Malaysia	
16:45	(am 7:00)	Development of Wave Powered Buoy for Ocean Navigation and Observation Ashwani Vishwanath, National Institute of Ocean Technology (NIOT), India	
17:00	(am 8:00)	Coffee break / Free discussion	REMO
17:15	(am 8:15)	Wave measurement at the northern coast of Kyushu island Hiromasa Ikega, Tomoya Okuno, Institute of Ocean Energy, Saga University, Japan	WEBEX
17:30	(am 8:30)	Hydrodynamic Performance Assessment of a Novel Dual Chamber Floating Oscillating Water Column Device Kourosh Rezanejad, Instituto Superior Técnico, University of Lisbon, Portugal	
18:00-19:30	(am 9:00 - am 10:30)	Open discussions for networking / IOES friends club	REMO

Day 2: December 8 (Tue.), 2020			SYSTEM
13:00	(am 4:00)	Special Lecture: Advanced Off-shore Wind Energy Prof. Tomoaki Utsunomiya, Kyushu University, Japan	WEBEX
13:30	(am 4:30)	Special Lecture Q&A	
13:45	(am 4:45)	Coffee break / Free discussion	REMO
14:00	(am 5:00)	Special Lecture: Advanced Ocean Thermal Energy Conversion Prof. Yasuyuki Ikegami, Institute of Ocean Energy, Saga University, Japan	WEBEX
14:30	(am 5:30)	Special Lecture Q&A	
14:45	(am 5:45)	Coffee break / Free discussion	REMO
15:00	(am 6:00)	Young researcher presentation / session 2: OTEC	
15:00	(am 6:00)	Study on Desalination Based on The Ocean Thermal Energy Conversion Tongyun Yang, Dalian University of Technology, China	
15:15	(am 6:15)	Ocean Thermal Energy Conversion (OTEC) Life Cycle Analysis: Malaysia Context Siti Norasyiqin binti Abdul Latif, Universiti Teknologi Malaysia, Malaysia	WEBEX
15:30	(am 6:30)	Structural Analysis of Radial Turbine for OTEC System Iskandar Zulkarnain bin Mohd Suhaini, Universiti Teknologi Malaysia, Malaysia	
15:45	(am 6:45)	Theoretical Parameter Analysis on Hybrid Ocean Thermal Energy Conversion Tomoya Okuno, Institute of Ocean Energy, Saga University, Japan	
16:00	(am 7:00)	Coffee break / Free discussion	REMO
16:15	(am 7:15)	Bending Moment Capacity Estimation of OTEC CWP Ristiyanto Adiputra, Kyushu University, Japan	
16:30	(am 7:30)	Theoretical Investigation of OTEC Absorption Combined Cycle for Cogeneration of Power and Refrigeration Zhixiang Zhang, Ocean University of China, China	WEBEX
16:45	(am 7:45)	Simulation and Analysis of OTEC Pre-expansion Induced Absorption Cycles Based on Aspen PLUS Suyun Yi, Ocean University of China, China	
17:00	(am 7:15)	Clean Energy & Freshwater: OTEC Combined With Membrane Distillation Sebastian Leaper, University of Manchester, United Kingdom	
17:20-19:00	(am 8:20 - am 10:00)	IOES facility tour & open discussion for networking	REMO

Day 3: December 9 (Wed.), 2020			SYSTEM
13:00	(am 4:00)	Special Lecture: Development of Wave Energy Utilization Assoc. Prof. Yasutaka Imai, Institute of Ocean Energy, Saga University, Japan	WEBEX
13:30	(am 4:39)	Special Lecture Q&A	
13:45	(am 4:45)	Coffee break / Free discussion	REMO
14:00	(am 5:00)	Young researcher presentation / session 3: Offshore Wind, Ocean Environment and Related Technologies	
14:00	(am 5:00)	Wind Energy Assessment for Wind Farm development by Using Mesoscale Satellite Data at Nearshore Sites in Jeneponto Indonesia. Dwi Ari Wibowo, Darma Persada University, Indonesia	
14:15	(am 5:15)	Study of Slow-drift Damping on The Weathervaning of Single-point Moored Floating Offshore Wind Turbines Sharath Srinivasamurthy, Osaka Prefecture University, Japan	WEBEX
14:30	(am 5:30)	A Study on Yaw Steering to Control the Rearward Flow of Wind Turbines Koichiro Shibuya, Kyushu University, Japan	
14:45	(am 5:45)	Calculating the seasonal ocean energy in Southern South China Sea Nurul Rabitah Daud, Teknologi MARA, Shah Alam, Selangor, Malaysia	
15:00	(am 6:00)	Coffee break / Free discussion	REMO
15:15	(am 6:15)	A Scale Analysis for Steady Natural Convection Around a Outer Surface of Vertical Cylinder Changhui Liu, Dalian University of Technology , China	
15:30	(am 6:30)	Potential Energy Saving on Ship Ferry RO-RO Car & Passenger 850 GT Using Changes in Generator Load Rating Methods Aldyn Clinton Partahi Oloan, Darma Persada University, Indonesia	WEBEX
15:45	(am 6:45)	Optimization of Monohull Ship Design to Demihull Hybrid (Diesel – Solar PV) Rizky Irvana, Darma Persada University, Indonesia	
16:00	(am 7:00)	Ship Electric Design Based On Photovoltaic To Support Trans Island In Labuan Bajo Putra Pratama,	
16:15	(am 7:00)	Coffee break / Free discussion	REMO
16:30	(am 7:30)	Group discussions	REMO
18:00-18:30	(am 9:00 - am 9:30)	Closing celemony	REMO