GRE2018 Preliminary Program

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Area Name	Session Class	Session No.	Session Name	Date	Time	Room	Chair1	Chari2		ID No.	Abstract Title	First Author
Area VIII: Ocean Energy	Oral Session	O-Oe-1	Tidal Current Session	19-Jun	9:00 - 12:00	313+314	Yusaku Kyozuka (Nagasaki University, Japan)	Shinji Hiejima (Okayama University, Japan)	1	a90050	MARINE CURRENT ENERGY HARVESTER USING GALLOPING-INDUCED OSCILLATION AND ROTATION	Shinji Hiejima (Faculty of Environmental Science and Technology, Okayama University, Okayama, Japan)
									2	a90270	COMPARATIVE ANALYSIS OF ENVIRONMENTAL IMPACT ASSESSMENT OF TIDAL ENERGY BETWEEN JAPAN AND THE REST OF THE WORLD	Gareth Davies (Aquatera Ltd, Scotland)
									3	a90292	A FLOATING/SUBMERSIBLE TIDAL CURRENT POWER GENERATORAPPLICABLE IN LOW SPEED TIDAL FLOW	Yusaku Kyozuka (Organization for Marine Sci. & Tech., Nagasaki University)
									4	a90294	DESIGN OF A SHROUDED TIDAL CURRENT TURBINE BY MUTI-OBJECTIVE OPTIMIZATION	Daisaku Sakaguchi (Graduate School of Engineering, Nagasaki University, Nagasaki, Japan)
									5	a90295	SELECT THE INSTALLATION POSITION OF THE POWER GENERATOR CONSIDERING THE TURBULENCE IN TIDAL CURRENT POWER GENERATION USING BRIDGE PIERS	Ayumi Nagaoka (Institute of Environmental Informatics, Idea consultants, Inc, Yokohama, Japan)
									6	BK8-1	**Break 15minutes**	
									7	a90484	VERIFICATION FLUID EXITING FORCE DUE TO FLUTTER AND ROTOR-STATOR INTERACTIONS OF AN AXIAL FLOW TURBINE	Kazushi Ajiro (Department of Applied Mechanics, Waseda University, Tokyo, Japan)
									8	a90667	DESIGN OF MW lEVEL SYNCHRONOUS MARINE CURRENT TURBINE GENERATOR WITHIN CONFINED SPACE	ZHI LI (Laboratory of Applied Physics, Tokyo University of Marine Science and Technology, Tokyo, Japan)
									9	a90706	TIDAL ENERGY RESOURCE ASSESSMENT MAP FOR NAGASAKI PREFECTURE	Patxi Garcia Novo (Nagasaki Marine Industry Cluster Promotion Association)
									10	a91080	SEASONAL CHANGE IN TIDAL CURRENT ENERGY DUE TO TIDE-INDUCED EDDY IN GOTO ISLANDS, JAPAN	Soichi Yamaguchi (Faculty of earth system science and technology, Kyushu university)
									11	a90854	TOWING EXPERIMENTS OF THE FLEXIBLY SUPPORTED VERTICAL AXIS TIDAL CURRENT TURBINE	Hiromichi Akimoto (Graduate School of Engineering, Osaka University, Osaka, Japan)
									12	a90855	PERFORMANCE AND CHARACTERISTICS OF PITCH-CONTROLLABLE VAMT	Kanade Ohmura (Department of Oceanic Architecture and Engineering, Collage of Science and Technology, Nihon University, Japan)
Area VIII: Ocean Energy	Invited Lecture	IL-Oe	Invited Lecture	19-Jun	13:30 - 14:00	313+314	Yasuyuki Ikegami (Saga University, Japan)		1	Invited8-1	Ocean Energy - An IEA international overview and vision	Henry Jeffrey (University of Edinburgh)
Area VIII: Ocean Energy	Oral Session	O-Oe-2	Ocean Current Session	19-Jun	14:00 - 14:45	313+314	Mamoru Ishigaki (Hiroshima Institute of Technology, Japan)	Hiromichi Akimoto (Osaka University, Japan)	1	a90218	Motion of a Twin-Rotor Ocean Current Turbine in non-uniform flow	Hiroyoshi Kanoh (Department of Ocean Technology, Policy, and Environment, The University of Tokyo, Chiba, Japan)
									2	a90321	DEVELOPMENT AND DEMONSTRATION TEST FOR FLOATING TYPE OCEAN CURRENT TURBINE SYSTEM CONDUCTED IN KUROSHIO CURRENT	Masayuki Shimizu (Marine Technology Gr., Mechanical Technology Dept., Corporate Research & Development , IHI Corporation)
									3	a90390	LOAD ACTING ON OCEAN CURRENT TURBINE BLADES IN SHEAR FLOW	Yiqing Xia (ECOH CORPORATION)
Area VIII: Ocean Energy	Oral Session	O-Oe-3	OTEC Session	19-Jun	15:45 - 16:45	313+314	Yasuyuki Ikegami (Saga University, Japan)	Takeaki Miyazaki (The University of Tokyo, Japan)	1	a90360	THEORETICAL EFFECTIVENESS OF THE MULTI TEMPERATURE LEVEL CYCLES CONSIDERING IRRIVERSIBILITY IN HEAT TRANSFER ON OTEC	Takeshi Yasunaga (Institute of Ocean Energy, Saga University, Japan)
									2	a90466	Thermodynamical optimum heat source mean velocity in heat exchangers on OTEC	Natsuki Koyama (Graduate School of Sience Engineering, University of Saga, Japan)
									3	a91039	POWER GENERATION SYSTEM OF EXHAUST HEAT FROM MARINE ENGUNE USING SURFACE SEA WATER AS A COOLING HEAT SOURCE	Junichi OHARA (Department of Ocean Mechanical Engineering, Fisheries University, Shionoseki, Japan)
									4	a90455	ESTIMATION OF THERMAL ENERGY CONVERSION SYSTEMUSING SUBMARINE HYDROTHERMAL	Yasuyuki Ikegami (Institute of Ocean Energy, Saga University, Japan)
Area VIII: Ocean Energy	Oral Session	O-Oe-4	Wave Energy Session	20-Jun	9:00 - 12:00	313+314	Yasutaka Imai (Saga University, Japan)	Mitsumasa Iino (Ashikaga University, Japan)	1	a90146	CHARACTERISTICS of NEW BIDIRECTIONAL TURBINE for OWC	hidechito hayashi (Department of mechanical engineering, Nagasaki university, Japan)
									2	a90172	FUTURE PROJECTION OF WAVE ENERGY IN INDIAN OCEAN BASED ON HIGH RESOLUTION MRI-AGCM3.2S PROJECTION	Bahareh Kamranzad (Disaster Prevention Research Institute, Kyoto University, Kyoto, Japan)
									3	a90208	Numerical Simulation for the Cross Flow type Wave Power Turbine	Katsuya Ishimatsu (Faculty of Science and Technology, Oita University, Oita, Japan)
									4	a90407	TANDEM-TYPE VIBRATION POWER GENERATORS TRANSWER WAVE ENERGY DIRECTRY INTO OVERHEARD DC-TRANSMISSION LINE BY CAHNGING CURRENT PATH ALONG VIBRATION MANIPULATION	Takuya Hioki (Department of mechanical engineering, Graduate school of Mie University, Mie, Japan)
									5	a90502	OCEAN WAVE ENERGY RESOURCE ASSESMENT FOR NAKANOSAKU PORT, JAPAN	Kaushik Sasmal (Department of Ocean Technology, Policy, and Environment, GSFS, The University of Tokyo, Kashiwa, Chiba, Japan)
									6	BK8-2	**Break 15minutes**	
									7	a90662	CHARACTERISTICS OF A SYNCHROUS GENERATOR ON WAVE ENERGY CONVERTER	yasutaka imai (institute of ocean energy, saga university, Japan)

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Area Name	Session Class	Session No.	Session Name	Date	Time	Room	Chair1	Chari2		ID No.	Abstract Title	First Author
									8	a90965	STUDY ON MOVEMENT OF WATER INSIDE AND OUTSIDE THE TANK FOR DEVELOPMENT OF WAVE OVERTOPPING TYPE WAVE POWER GENERATION	Tomoya Inami (School of Marine Science and Technology Tokai University, Shizuoka, Japan)
									9	a91120	NONLINEAR DYNAMIC SIMULATION OF OIL-HYDRAULIC POWER TAKE-OFF SYSTEM FOR WAVE-POWER GENERATION	Xuhui Yue (School of Power and Mechanical Engineering, Wuhan University,Wuhan,China)
									10	a90006	DEVELOPMENT & VALIDATION OF A PTO SIMULATION PLATFORM FOR WAVE ENERGY DEVICES USING SIL METHOD	Xue Jiang (department of naval architecture, ocean and marine engineering, university of strathclyde, Glasgow, UK)
									11	a90982	Improvement project of the Echizen blow-hole wave power generator	Takeaki Miyazaki (Reserch Center for Advanced Science and Tecnology, The University of Tokyo, Japan)
									12	a91115	Performance of Blow-hole Wave Energy Converter Test plant from Field Experiment	Mitsumasa Iino (Ashikaga Institute of Technology)
Area VIII: Ocean Energy	Poster Session	P-Oe	Ocean Energy	19-Jun	15:00 - 15:45	foyer			1	a91000	Development of wave power generator installed on quayDevelopment of Basic Structure	Hiroshi Uno (National Institute of Technology, Anan College, Tokushima, Japan)
									2	a91043	Wave Energy Innovation by Progressive Tuning Control Strategy	Akira Kurosaki (Institute of Industrial Science, the University of Tokyo)
									3	a90156	A STUDY ON THE ANNUAL CAPACITY FACTOR FOR A TIDAL CURRENT POWER GENERATION SYSTEM USING THE CONTROL SCHEME OF CONSTANT ROTOR VOLTAGE	Kentaro Tsuji (Department of Electrical Engineering, College of Science and Technology, Nihon University)
									4	a90995	Development of a self-supporting levitated tidal power generatorDevelopment of Basic Structure	Hiroshi Uno (National Institute of Technology, Anan College, Tokushima, Japan)
									5	a91003	DEVELOPMENT OF A SELF-SUPPORTING LEVITATED TIDAL CULLENTPOWER GENERATORCONSIDERATION ON INCREASE OF GENERATED POWER	Masataka Nakayama (National Institute of Technology, Anan College, Tokushima, Japan)
									6	a90770	QUESTIONNAIRE SURVEY ON OPINIONS ABOUT OFFSHORE WIND FARMS IN FISHERMEN OF AOMORI PREFECTURE, THE NORTHERN PART OF HONSHU ISLAND, JAPAN	Shinji Kirihara (North Japan Research Institute for Sustainable Energy, Hirosaki University, Aomori, Japan)
									7	a90941	DYNAMIC and FATIGUE ANALYSIS of RISER CABLE for FOWT “Fukushima FORWARD Project”	Takahiro Sasaki (Furukawa Electric Co. Ltd)
									8	a90818	PREPARATION OF PORE-FILLING MEMBRANES COATED BY PEI-CATECHOL FOR REVERSE ELECTRODIALYSIS	Jiyeon Choi (Korea Institute of Energy Research, JGRC, Korea)
									9	a90584	RECOVERY OF PHOSPHATE FROM DEEP SEAWATER	Takaaki Wajima (Department of Urban Environment Systems, Chiba University)
									10	a90830	Design and CFD Performance Analysis of Tidal Current Turbine with Diffuser	In Cheol Kim (Division of Mechanical Engineering, Korea Maritime & Ocean University, Busan, South Korea)
									11	b90065	Marine environmental data integrated acquisition platform for offshore wind farm development	Masako Inubuse（SEIBU Environmental Research Co., Ltd., Japan）