

GRE2018 Preliminary Program

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Area Name	Session Class	Session No.	Session Name	Date	Time	Room	Chair1	Chair2	ID No.	Abstract Title	First Author	
Area I: Policy & Integrated Concept	Invited Lecture	IL-Pi	Invited Lecture	19-Jun	9:00 - 9:30	303	Kazuhiko Ogimoto (The University of Tokyo, Japan)		1	Invited1-1	IEA renewables perspective	Paolo Frankl (IEA)
Area I: Policy & Integrated Concept	Oral Session	O-Pi-1	Policy for Smart Society	19-Jun	9:30 - 12:00	303	Yumiko Iwafune (The University of Tokyo, Japan)	Masahiro Nishio (AIST, Japan)	1	a90653	APPLYING REGIONAL VALUE-ADDED ANALYSIS OF RENEWABLE ENERGY TO POLICY FORMATION ON MUNICIPALITY LEVEL – CASES FROM JAPAN	Joerg Raupach-Sumiya (College of Business Administration, Ritsumeikan University)
									2	a90962	Efforts of Smart Community in Miyako Island	Naoto Higa (SmaEco Co., Ltd.)
									3	b90025	ENVIRONMENT FRIENDLY SOCIETY MIYAKOJIMA · AIMING FOR A SUSTAINABLE SOCIETY	Atsushi Takizawa (Okinawa Branch, Kyowa kako Co., Ltd., Japan)
									4	b90022	THE STRATEGY OF THE DEVELOPMENT OF SMART GRID SYSTEM INTEGRATING INNOVATIVE TECHNOLOGY IN TAIWAN	Faa-Jeng Lin (Department of Electrical Engineering, National Central University (NCU), Taiwan)
									5	BK1-1	Break 15minutes	
									6	a90630	CHALLENGES IN POWER PRODUCTION INVESTMENT IN VIETNAM	Quyen Le Luu (Insitute of Energy Science, Vietnam Academy of Science and Technology)
									7	a91033	LCA GUIDELINES FOR ASSESSING EFFECT OF GREENHOUSE GAS EMISSIONS REDUCTION IN HYDROGEN SUPPLY CHAIN	Takamichi Ochi (Deloitte Tohmatsu Consulting LLC, Tokyo, Japan)
									8	a90593	CO ₂ EMISSION REDUCTION OF GROUND SOURCE HEAT PUMP SYSTEM IN COLD CLIMATE OF JAPAN	Hadi Farabi-Asl (International Institute for Carbon-Neutral Energy Research (I2CNER), Kyushu University, Fukuoka, Japan)
									9	a90680	THE EFFECT ON EMPLOYMENT OF THE INTEGRATION OF RENEWABLE ENERGY INTO TRANSITIONAL ECONOMIES	Nigora Djalilova (Graduate Program in Sustainability Science-Global Leadership Initiative (GPSS-GLI), Graduate School of Frontier Sciences, University of Tokyo)
									10	a90791	CONSENT AND APPROVAL PARADIGMS FOR MITIGATING SOCIAL CHALLENGES OF RENEWABLE ENERGY	Kyle Bahr (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan)
Area I: Policy & Integrated Concept	Oral Session	O-Pi-2	Policy and Enabling Technology	19-Jun	9:40 - 12:25	311+312	Takeyoshi Kato (Nagoya University, Japan)	Hideaki Ohgaki (Kyoto University, Japan)	1	a91032	EX-POST EVALUATION OF COST EFFECTIVENESS OF RESIDENTIAL SOLARPV DIFFUSION POLICY IN JAPAN: THE CASE OF FEED-IN TARIFF	Yosuke Arino (Systems Analysis Group, Research Institute of Innovative Technology for the Earth, Kyoto, Japan)
									2	a90553	MEGA-SOLAR SITING: QUANTIFYING SOCIAL EQUITY OUTCOMES AT THE LOCAL SCALE	Andrew John Chapman (International Institute for Carbon Neutral Research, Kyushu University)
									3	a90386	STUDY ON WINTRY INDOOR THERMAL ENVIRONMENT OF RURAL HOUSES IN NEPAL	Basudev Gautam (Graduate School of Environmental and Information Studies, Tokyo City University)
									4	a90874	DEMAND SIDE MANAGEMENT OPPORTUNITIES IN MEETING ENERGY DEMAND IN KENYA	Eliud Kiprop (Graduate School of Life and Environmental Science, University of Tsukuba)
									5	a90675	THE GLOBAL GOVERNANCE SYSTEM, THE G-20 AND INTERNATIONAL COOPERATION ON RENEWABLE ENERGY RESOURCES	Gokhan Ozkan (Department of International Relations, Bursa Technical University, Bursa, Turkey)
									6	BK1-2	Break 15minutes	
									7	a90665	ROLES OF VARIABLE RENEWABLES IN DECARBONIZED ENERGY SYSTEM: LONG-TERM ANALYSIS UTILIZING A TECHNOLOGY MIX MODEL	Yasuaki Kawakami (Graduate School of Engineering, The University of Tokyo, Tokyo, Japan)
									8	a90666	ECONOMIC ASSESSMENT OF HYDROGEN AND AMMONIA STORAGE FOR INTEGRATING RENEWABLE ELECTRICITY IN ASIA	Takashi Otsuki (Department of Nuclear Engineering and Management, The University of Tokyo, Japan)
									9	a90846	Grid-investment and Economic Model under 2050 Long-term Energy Scenario regarding with Large Amount of Wind Power	Yoh Yasuda (Graduate School of Economics, Kyoto University)
									10	a91113	Necessity and Targets of Future Electric Power System Simulation and Integration Studies for Realizing Higher Variable Renewable Energy Deployment and Lower CO ₂ -Emission Society	Yuka Ogasawara (New Energy and Industrial Technology Development Organization (NEDO), Japan)
									11	a90029	PERFORMANCE MODELING OF A HYBRID RENEWABLE ENERGY TECHNOLOGY	Stephen Airewe Adavbiele (Department of Mechanical Engineering, Ambrose Alli University, Ekpoma, Nigeria)

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Area I: Policy & Integrated Concept	Oral Session	O-Pi-3	Future Roadmap and Policy 1	19-Jun	13:30 - 14:45	303	Yoh Yasuda (Kyoto University, Japan)	Kazuhiko Ogimoto (The University of Tokyo, Japan)	1	a90935	Concepts for the mid-century strategy in Japan	Tatsuya Abe (Low-carbon Society Promotion Office, Ministry of the Environment in Japan)
									2	a90944	FEED-IN TARIFFS (FITS) ON RENEWABLES IN THE EU AND THE REFERENCES SERVED FOR CHINA	Yunxiang Shi (Birmingham Law School, University of Birmingham, United Kingdom)
									3	a90929	JAPANESE ENERGY SYSTEM TOWARDS 2050 UNDER LOW CARBON SCENARIO - AN ANALYSIS USING TIMES-JAPAN	Atsushi Kurosawa (The Institute of Applied Energy, Tokyo, Japan)
									4	a90700	'BRIDGE SCENARIO' AND '100% RENEWABLE ENERGY SCENARIO' IN 2050 FOR JAPAN	Haruki Tsuchiya (Research Institute for Systems Technology, Tokyo, Japan)
									5	a91149	ANALYSIS ON 2050 ELECTRICITY SUPPLY IN JAPAN	Yushi INOUE (Mitsubishi Research Institute, Inc., Tokyo, Japan)
Area I: Policy & Integrated Concept	Oral Session	O-Pi-4	Future Roadmap and Policy 2	19-Jun	16:00 - 17:00	303	Yoh Yasuda (Kyoto University, Japan)	Kazuhiko Ogimoto (The University of Tokyo, Japan)	1	a90625	UTILITY3.0 FUTURE ENERGY SYSTEM LED THROUGH 5 MEGATRENDS	Naoki Toda (Tokyo Electric Power Holdings, Tokyo, Japan)
									2	b90012	CHALLENGES AND SOLUTIONS TOWARD MASSIVE INTEGRATION OF RENEWABLE ENERGY IN JAPAN	Kiyoshi Hikino (Ministry of Economy, Trade and Industry (METI))
									3	a90470	EMPIRICAL FINDINGS ON INDUSTRIAL ELECTRIC ENERGY STORAGE ACCEPTANCE AND IMPLICATIONS ON MARKET IMPLEMENTATION STRATEGIES	Dominik Halstrup (University of Applied Sciences Osnabrueck)
									4	a91012	EMERGING REQUIREMENT IN DECENTRALIZED AND DEMOCRATIZED ELECTRIC POWER SYSTEM	Hideo Ishii (Advanced Collaborative Research Organization for Smart Society, Waseda University)
Area I: Policy & Integrated Concept	Oral Session	O-Pi-5	Activation of Local Communities by Renewable Energy in Asia	20-Jun	8:30 - 12:00	303	Hideaki Ohgaki (Kyoto University, Japan)	Sivanappan Kumar (Asian Institute of Technology, Thailand)	1	a90964	RESEARCH ON UTILIZATION OF RENEWABLE ENERGY FOR AQUACULTURE OF HORSE MACKEREL AND SEA CUCUMBER IN FISHING PORTS	Shinji Kiriwara (North Japan Research Institute for Sustainable Energy, Hirosaki University, Japan)
									2	a90813	AN ANALYSIS OF COMMUNITY REVITALIZATION PROGRAM UTILIZING RENEWABLE ENERGY: TSUCHIYU HOT SPRING, FUKUSHIMA PREFECTURE	Yaeko Mitsumori (Osaka University)
									3	a91146	RATE ENHANCEMENT EFFECTS OF SEMI-CHAR AND SEMI-CHARCOAL IN COMPOSITE IRON OXIDE PELLETS	Tateo Usui (Graduate School of Engineering, Osaka University, Osaka, Japan)
									4	a90827	RENEWABLE ENERGY POLICY OF ENDOGENOUS DEVELOPMENT TYPE- CASE OF AWAJI ISLAND JAPAN	Seiichi Ogata (Graduate School of Energy Science, Kyoto University, Kyoto, Japan)
									5	a90487	POTENTIAL OF GHG MITIGATION IN PROTECTED TOMATO CULTIVATION BY AGRIPHOTOVOLTAIC TECHNOLOGY	Keiichi N. Ishihara (Graduate School of Energy Science, Kyoto University, Japan)
									6	a90656	SIMULATION-BASED FRAMEWORK DESIGN FOR SUPPLY AND DEMAND OF RENEWABLE ENERGY WITH ZERO-MARGINAL COST	Tetsuo Tezuka (Graduate School of Energy Science, Kyoto University, Japan)
									7	BK1-3	Break 15minutes	
									8	Oral1-1	ASEAN-Japan collaboration on biomass energy towards Low Carbon Society and SDGs	Akio Nishijima (WASEDA University, Japan)
									9	a90838	COMMUNITY RENEWABLE ENERGY PROJECTS IN JAPAN AND THAILAND	Chatchawan Chaichana (Energy Technology for Environment Research Center, Faculty of Engineering, Chiang Mai University, THAILAND)
									10	a90443	IMPLEMENTATION OF CENTRALISED SOLAR CELL ENERGY IN PAMEKASAN REGENCY - INDONESIA	Anugerah Yuka Asmara (Centre for Science and Technology Development Studies, Indonesian Institute of Sciences, Jakarta, Indonesia)
									11	a90467	Study on Impact on QOL in Rural Communities in ASEAN by Renewable Energy	Hideaki Ohgaki (Kyoto University)
									12	a90240	ACTIVATION OF RURAL COMMUNITY BY RENEWABLE ENERGY IN VIETNAM	Lien Thi Hoang Nguyen (Faculty of Environmental Science, VNU University of Science, Hanoi, Vietnam)
									13	a90983	SUSTAINABLE ENERGY ACCESS IN RURAL MYANMAR	Sivanappan Kumar (School of Environment, Resources and Development, Asian Institute of Technology)
									14	a90741	A SURVEY OF RURAL ELECTRIFICATION IN KENYA USING A SUSTAINABILITY ASSESSMENT FRAMEWORK	Charles Mbuli Boliko (Graduate School of Advanced Integrated Studies in Human Survivability, Kyoto University, Kyoto, Japan)

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Area I: Policy & Integrated Concept	Poster Session	P-Pi	Policy & Integrated Concept	19-Jun	15:15 - 16:00	foyer			1	a90637	Challenges of the Implementing the Compulsory Program in Renewable Heat in Thai Manufacturing Sector	Wongkot Wongsapai (Faculty of Engineering (Mechanical), Chiang Mai University, Thailand)
									2	a90918	HISTORY OF RENEWABLE ENERGY INITIATIVE IN JAPAN	Honjo Takako (Laboratory Office of Global Energy System)
									3	a91094	EVALUATION OF GOVERNMENT-FUNDED PROJECT PROMOTING THE USE OF RENEWABLE ENERGY ACROSS JAPAN	Naoki Shibahara (Chubu University, Japan)
									4	a90406	LONG TERM SCENARIO OF CONTRIBUTION BY NATURAL GAS FOR LOW CARBON SOCIETY	Atsuo Honda (Business Analysis Center, Osaka Gas, Osaka, Japan)
									5	a90312	MORPHOLOGICAL ANALYSIS OF A TARGET AREA SELECTION FOR DISTRIBUTED GENERATION IN AN EXISTING CITY	Min Hee Chung (School of Architecture and Building Science)
									6	a90445	THE CONSTRUCTION OF MULTI-ACTOR BIOGAS UTILIZATION UNDER GOVERNMENT OPERATION	Mangqing Zhang (Graduate School of Human Sciences, Osaka University)
									7	a90582	Anthropogenic Activities and Water Quality: A case of River Satluj	QAZI ADNAN AHMAD (University Community College)
									8	a90226	ENVIRONMENTAL IMPROVEMENT AND PROMOTION OF REGIONAL ECONOMIC VITALIZATION THROUGH NATURAL SUBSTANCE-DERIVED FUNCTIONAL MATERIALS GT-S	Eiichi Kato (Environmental Science Development Co.,Ltd, Osaka, Japan)
									9	a90678	A PRELIMINARY STUDY OF DAILY POWER PLANTS OPERATIONS UNDER NEGATIVE PRICE CIRCUMSTANCES	Sekito Mizuno (Department of engineering, Tokyo University of Science, Tokyo, Japan)
									10	b90061	THE STATE OF THE ENERGY TRANSITION TOWARDS 100% RENEWABLE ENERGY IN JAPAN	Hironao Matsubara (Institute for Sustainable Energy Policies, Tokyo, Japan)