

Grand RE2022 International Conference

PROGRAM OUTLOOK, Dec.13-20, 2022 ONLINE using Webinar

Day 1 13th Dec.(Tu)		Day 2 14th Dec.(Wd)		Day 3 15th Dec.(Th)		Day 4 16th Dec.(Fr)		Day 5 19th Dec.(Mo)		Day 6 20th Dec.(Tu)	
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Area by Area: · Invited Speech · Oral Presentation		Opening, Keynote Speeches, Special Session(Zero Emission by AIST)									
		Area1 Policy and Integrated Concept		Area10 Energy Network							
								Area7 Hydrogen and Fuel Cell		Area11	
		Area3 Solar Thermal Applications		Area4 Innovative Bioclaantic Architecture						Area2 Photovoltaics	
		Area9 Geothermal Energy & Ground source Heat Pump		Area8 Ocean Energy							
								Area5 Wind Energy			
										Area12 Small Hydro & Non-Conventional Enerfy	

●Home Page: <https://www.grand-re2022.org/>

●Purpose and Aim

By the second half of this century, we should be producing less carbon than we take out of the atmosphere. And we must reach to 'net zero'. To do so, the coming nine years will clarify whether we can achieve the speed and scale of deployment necessary for the reduction of a 45% greenhouse gas emission from the year 2010 actual. The highest levels of ambition and effort are required, thinking about "How to accelerate Renewable Energy Integration" both in supply side and user side. The conference will give us effective research information for this issue.

●Program:

Day1 6-Keynote Speeches, and Special Session on "Zero Emission" by AIST

Day2~6 19-Invited Speeches, and **700plus -Research Presentation which is under collection from all over the world with first due date, 30th of September.** Final due is end of October.

●Instruction: [Abstract/Full Paper](https://www.grand-re2022.org/abstract.php) in HP <https://www.grand-re2022.org/abstract.php>


●Registration: <https://www.grand-re2022.org/registration.php> 20,000JPY, but Student 10,000JPY
Very welcome for those without-presentation in same fee covering whole days

●System: Regardless of presentation(Oral or Poster) or not, entrance to the registration is same. Immediately after completion of registration, ID and PW are sent to your written e-mail address and My Box(My Page) is given. You can down-load RECEIPT in your box and can upload Abstract by yourself to the box. PPT presentation paper, full paper, etc are also uploaded to your box by designated dates. Abstract -in or -out from your box is also possible using your given ID and PW whenever you need.









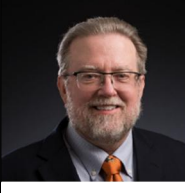










●Language: English

●Sponsorship planned shown in <https://www.grand-re2022.org/sponsorship.php>

Grand RE2022 Keynote Speakers (6Persons) : December 13, 2022

Keynote Speech 1		Time
	<p>Mr. Shin Hosaka Commissioner of the Agency for Natural Resources and Energy at the Ministry of Economy, Trade and Industry (METI). He oversees all areas of energy policy including developing Japan's Strategic Energy Plan, assuring secure energy supply, and so on.</p>	09:30 – 10:05
	<p>Dr. Martin Keller He has served as Director of the National Renewable Energy Laboratory (NREL) and President of the Alliance for Sustainable Energy, the company that operates NREL for the U.S. Department of Energy, since 2015. Currently, Martin is a Fellow of the AAAS.</p>	10:05 – 10:40
	<p>Dr. Akira Yoshino The Nobel Prize in Chemistry 2019 Prize motivation is "for the development of lithium-ion batteries." In March 2020, he was assigned to Director of Global Zero Emission Research Center, established by AIST, National Institute of Advanced Industrial Science and Technology.</p>	10:40 – 11:15
基調講演2		
	<p>Mr. Takayuki Ueda President & CEO of INPEX CORPORATION, Japan's largest oil and gas exploration and production company. He has served since 2018 and has more than 30 years of experience in the energy industry and international affairs.</p>	15:30 – 16:05
	<p>Dr. Paolo Frankl He is Head of the Renewable Energy Division at the International Energy Agency (IEA), which he joined in 2007. Dr. Frankl leads the IEA's work on renewables, providing analysis and advice on policies, markets and technologies.</p>	16:05 – 16:40
	<p>Prof. Andreas W. Bett He is director of the Fraunhofer Institute for Solar Energy Systems ISE in Freiburg, Germany and operates the chair "Solar Energy Materials and Technologies" in the Faculty of Mathematics and Physics, University of Freiburg.</p>	16:40 – 17:15

Grand RE2022 Invited Speakers (19 Persons): December 14-20, 2022

 Area1: Policy & Concept	Prof. Hiroaki Nagayama Japan Professor Kyoto Univ. Gov.member	 Area4: Architecture	Prof. Shin-ichi Tanabe Japan Professor Waseda Univ. President of AIJ	 Area8: Ocean Energy	Dr. Y-H De Roeck France IEA Leader, Ocean Energy
 Area1: Policy & Concept	Dr. Ben Kroposki USA NREL, Director Policy Maker	 Area5: Wind	Dr. Bernhard Stoevesandt Germany Fraunhofer Inst. IWES Head Aerodynamics	 Area9: Geothermal	Ms. Lauren Boyd USA U.S. Department Geothermal Dep Director
 Area2: Photovoltaics	Dr. David Moser Italy Leader EURAC, TRUST-PV	 Area5: Wind	Prof. Christian Bak Denmark Professor Tech. U. Denmark Airfoil&Rotor 設計	 Area9: Geothermal	Prof. Jeffrey D. Spitler USA, Prof. Oklahoma State Univ. Ground S HP
 Area2: Photovoltaics	Dr. Takuro N. Murakami Japan Div. Leader AIST, Perovskite	 Area6: Biomass	Prof. Lasse Rosendahl デンマーク Professor Aalborg Univ. Thermal energy	 Area10: Energy Network	Prof. Pierluigi Mancarella Australia, Prof. The University of Melbourne Grid integration
 Area3: Solar Thermal	Prof. Klaus Vajen Germany Por. The Univ. of Kassel, ISES President	 Area6: Biomass	Prof. Eniya Listiani Dewi. Indonesia Research Prof. BRIN Bioenergy and H2	 Area11: Energy Conservation & HP	Mr. Thomas Nowak Belgium Secretary General EHPA
 Area3: Solar Thermal	Prof. Graham Nathan Australia Prof. The Univ. of Adelaide Many Prizes	 Area7: H2 & FC	Dr. Laurent Antoni France CEA Liten PA manager, Hydrogen Europe	 Area12: Small Hydro & Non-conv'l Energy	Prof. Kazuyoshi Miyakawa Japan Professor Waseda Univ. V. Pres't of TSJ
		 Area7: H2 & FC	Dr. Felix N. Büch Switzerland Paul Scherrer Inst Project Head FC, Diagnostics		