

## (1) Program

September 29th 18:00 – 19:30 (JST, UTC+9)

◆ Theme1: Renewable Energy

Moderator: Prof. MATSUMOTO Mayumi (Visiting Associate-Professor, the Univ. of Tokyo)

	Title of presentation	Speaker
1	Global Renewables Outlook	Dr. Dolf Gielen (IRENA)
2	Emerging Materials and Devices: Metal Halide Perovskite	Prof. Henry Snaith (Oxford Univ.)
3	International Cooperation in PV: Role and Benefits	Dr. Stefan Nowak (IEA)
4	Standardisation and International Collaboration Activities of PVQAT	Dr. Tony Sample (JRC)

September 30th 12:00 – 13:30 (JST, UTC+9)

◆ Theme2: Next Generation Energy Management System with Batteries

Moderator: Dr. SAKAEBE Hikari (Chief Senior Researcher, AIST)

	Title of Presentation	Speaker
1	Role of Battery Storage in the Next Generation Energy System	Dr. YOSHINO Akira (AIST)
2	ESIF and BTMS	Dr. Anthony Burrell (NREL)
3	Recent Development of Processes for Recycling Spent Lithium-ion Batteries	Prof. Zhi Sun (CAS)
4	Advanced Characterization of Batteries	Dr. Jinghua Guo (LBNL)

October 1st 20:00 – 21:30 (JST, UTC+9)

◆ Theme3: Hydrogen

Moderator: Mr. Martin Tengler (Lead Hydrogen Analyst, BloombergNEF)

	Title of Presentation	Speaker
1	Research and Development of Hydrogen Technology	Dr. YABE Akira (NEDO)
2	Hydrogen's Role in Reaching Climate Neutrality in the European Union and in Germany	Dr. Christopher Hebling (FhISE)
3	Solid Oxide Electrolysis Overview of the technology and current developments at CEA	Dr. Julie Mouglin (CEA)
4	Strategy of Hydrogen Research in AIST	Dr. NANBA Tetsuya (AIST)

October 2nd 20:00 – 21:30 (JST, UTC+9)

◆ Theme4: CCUS

Moderator: Dr. NISHIO Masahiro (Innovation Coordinator, AIST)

	Title of Presentation	Speaker
1	Overview of Carbon Recycling and CCS :Global Context -Australian Perspectives	Dr. Paul Feron (CSIRO)
2	Carbon Recycling Technology with Biomass Utilization	Dr. SAKANISHI Kinuya (AIST)
3	Catalytic Approaches for the Efficient Utilization of CO <sub>2</sub>	Prof. Jorge Gascon (KAUST)
4	Research and Development of CO <sub>2</sub> Utilization Technology in AIST	Dr. TAKAGI Hideyuki (AIST)