

## Poster Presentations

|    | Poster title   | Exhibitor  |
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| 1  | A Brief Report of Development of GFM Inverters in Japan  | Tokyo Electric Power Company Holdings, Inc., Japan                               |
| 2  | ENEOS's Initiative for Development of Green Hydrogen Supply Chains   | YAMADA Koki, MISU Yoshitatsu and MATSUOKA Koji (ENEOS Corporation, Japan)        |
| 3  | System Integration for a Resilient, Flexible, and Efficient Energy System<br>Hydrogen Research Along the Whole Value Chain   | Julia Seitz (Fraunhofer ISE, Germany)  |
| 4  | Novel materials for energy conversion devices developed at INTI  | Cynthia del Carmen Quiroga Valenzuela and Florencia Belén Wyss (INTI, Argentina) |
| 5  | Developing Sustainable Photoelectrocatalytic and Electrocatalytic Process for Energy and Fuel Production   | Aufandra Cakra Wardhana (RIKEN, Japan)   |
| 6  | Clean Combustion Technologies for Power Generation and Industrial Applications   | Hazim Hasan Ali Shehab (AIST, Japan)   |
| 7  | Thermal Energy Storage Material for Middle Temperature Heat  | SAKAI Hiroki (AIST, Japan)   |
| 8  | Numerical simulation of electricity consumption and temperature in the Tokyo metropolitan area to estimate the impacts of mitigation and adaptation measures to climate change | NAKAJIMA Ko (AIST, Japan)  |
| 9  | Assessment of sustainable biomass utilization for fuel, fiber, and food in selected EAS countries using Water-Energy-Food-Land-Climate (WEFLC) nexus                           | Ruth Anne Gonocruz (AIST, Japan)   |
| 10 | AIST Activities for Commercialization of Perovskite Solar Cells  | MURAKAMI Takuro N. (AIST, Japan)   |
| 11 | Production of High-pressure Hydrogen from Formic Acid  | ONISHI Naoya (AIST, Japan)   |
| 12 | Fuel gas production from sewage sludge using   | Atul Sharma (AIST, Japan)  |

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|    | chemical looping gasification technology   |   |
| 13 | Mapping the Path of a Green Industry: A Model Study on the Integration of Direct Air Capture and Methanol Production | Alexander Urbina Guzman (AIST, Japan)                   |
| 14 | Solar-to-hydrogen production through water splitting using photocatalysts  | Vikas Nandal (AIST, Japan)                              |
| 15 | Research and Development of Solid Oxide Electrolysis Cells in AIST   | Katherine Bagarinao (AIST, Japan)                       |
| 16 | International Joint R&D on Data-Driven DSR Control Technology for Energy Sharing                                     | HONDA Tomonori (AIST, Japan)                            |
| 17 | Feasibility Study of Enhanced Mineralization based on LCA/TEA platform (Moonshot R&D)                                | MORIMOTO Shinichirou and YAMAMOTO Atsushi (AIST, Japan) |