

The 14th International Symposium of Advanced Energy Science

Research Activities on Zero-Emission Energy Network



Aug. 30 - Sept. 1, 2023

Kihada Hall, Uji Obaku Plaza, Kyoto University, Uji Campus, Kyoto, Japan

Plenary Speaker

Japan

Zensho YOSHIDA



National Institute for Fusion Science
Director General

Prospects of Fusion Energy and
Paradigm Shifts in Fusion Science

International Invited Speakers

China

Rong XIANG

Zhejiang University
Professor

Design and Synthesis of
One-dimensional van der Waals
Heterostructures for Energy Applications

France

Jean-Philippe COLOMBIER

The Hubert Curien Laboratory
Professor

Ultrafast Laser-induced Surface
Complexity Patterns at the Nanoscale

Netherlands

Atsushi URAKAWA

Delft University of Technology
Professor

Playing with Thermodynamics and
Kinetics in CO₂ Conversion Catalysis

Germany

Francisco A. HERNÁNDEZ GONZÁLEZ

Karlsruhe Institute of Technology
Group leader

Emerging Breeding Blanket variants
for the EU DEMO

Program

Aug.30

- Oral Session
9:30 a.m. – 12:20 p.m. (JST)
- Poster Session
2:15 p.m. – 7:00 p.m. (JST)

Aug.31

- Oral Session
1:30 p.m. – 5:40 p.m. (JST)
- Poster Session
9:30 a.m. – 12:00 p.m. (JST)

Parallel Seminar

Sept.1

- Seminar I [Carbon Negative Science]
Symposium on Exploring Carbon
Negative Energy Science 2023
- Seminar II [Plasma]
High-Temperature Plasma Dynamics and Structure
Formation Based on Magnetic Field Diversity

Korea

Gunsu S. YUN

Pohang University of
Science and Technology
Professor

Understanding Non-normal Fluid
Behavior in Fusion Plasmas



Organized by Institute of Advanced Energy, Kyoto University, Japan

Co-organized by The Joint Usage/Research Center for Zero Emission Energy Research, IAE

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http://www.iae.kyoto-u.ac.jp/zero_emission_e/

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