The 15th International Symposium of Advanced Energy Science

Toward the Realization of Advanced and Carbon Negative Energy







Plasma & Quantum

Dec.10-13, 2024

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

Program

Dec.10 Oral Session, Poster Session

Dec.11 Oral Session, Poster Session

Dec.12 Oral Session, Parallel Seminar

Dec.13 Parallel Seminar

Plenary Speaker

Organized by Institute of Advanced Energy, Kyoto University, Japan Co-organized by the Joint Usage/Research Center for Zero Emission Energy Research, IAE, Integrated Research Center for Carbon Negative Science, IAE

International Invited Speakers

KOREA



Jonghyun KIM

Department of Nuclear and Quantum Engineering, Korea Advanced Institute of Science and Technology (KAIST) Professor

AI Applications to the Operation of Nuclear Power Plants

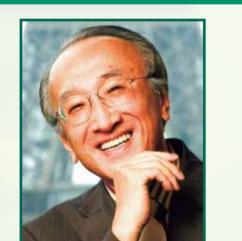


KOREA

Yoong Ahm KIM

Chonnam National University
Professor

Carbon Nanotubes for Lithium-Ion Batteries



JAPAN

Nobuo TANAKA

International Energy Agency (IEA)

Executive Director Emeritus

Global Energy and Climate Crises: Winners and Losers

IT

ITALY

GERMANY

Professor

NMR-Based

Sudip CHAKRABORTY

University of Calabria Professor

Sustainable Energy:

Can Membrane Be a Solution?

Harald SCHWALBE

Goethe-University Frankfurt

Antiviral Inhibitor Design



USA

Hiroshi GOTA

TAE technologies VP of Program Management / Science Fellow

Aneutronic Fusion Research and Development at TAE Technologies



USA

Geoff WEHMEYER

Rice University
Assistant Professor

Switchable and Nonlinear Thermal Devices to Control Thermal Energy

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

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