



MEETINGS ERA
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International Conference on Renewable Energy and Resources

September 14 - 16, 2026 | Tokyo, Japan

ICRER 2026 — TENTATIVE CONFERENCE PROGRAM

DAY 1 September 14, 2026

09:00 – 09:30	Title: Registrations
09:30 – 10:00	Title: Opening Ceremony
KEYNOTE FORUM	
10:00 – 10:30	Title: Sustainable Energy Systems and the Global Transition to Renewable Energy Prof. Tetsuo Tezuka, Kyoto University, Japan
10:30 – 11:00	Title: Advanced Wind Energy Systems and the Future of Offshore Wind Power Prof. Tetsuya Wakui, Osaka Metropolitan University, Japan
11:00 – 11:15	Title: Coffee Break
11:15 – 11:45	Title: Renewable Energy Integration and Intelligent Energy Management Prof. Manabu Ihara, Institute of Science Tokyo, Japan
11:45 – 12:15	Title: Hydrogen Energy Materials and Technologies for a Low-Carbon Future Dr. Hiroki Fujii, National Institute for Materials Science, Japan
12:15 – 12:30	Title: Emerging Technologies for Sustainable Energy Generation Prof. Yoshihiro Yamazaki, Kyushu University, Japan
TECHNICAL SESSIONS	
12:30 – 12:50	Title: Next-Generation Solar Photovoltaics and High-Efficiency Solar Cells Prof. Takuya Matsui, AIST, Japan
12:50 – 13:10	Title: Solar Thermal Energy and Advanced Solar Conversion Technologies Prof. Yoshihiro Yamazaki, Kyushu University, Japan
13:10 – 14:10	Title: Lunch Break
WORKSHOP	
14:10 – 15:00	Title: Design and Optimization of Integrated Renewable Energy Systems Prof. Tetsuya Wakui, Osaka Metropolitan University, Japan
TECHNICAL SESSIONS	
15:00 – 15:20	Title: Offshore Wind Power: Optimization, Control and Grid Integration Dr. Susumu Shimada, AIST Renewable Energy Advanced Research Center, Japan
15:20 – 15:40	Title: Hydropower and Non-Conventional Renewable Energy Technologies Prof. Koichi Watanabe, Kyushu University, Japan
15:40 – 16:00	Title: Geothermal Energy Resources and Sustainable Applications Dr. Takuya Ishibashi, AIST Renewable Energy Advanced Research Center, Japan
16:00 – 16:15	Title: Coffee Break
16:15 – 16:35	Title: Biomass, Bioenergy and Waste-to-Energy Technologies Prof. Junji Kondoh, Tokyo University of Science, Japan
16:35 – 16:55	Title: Hybrid Solar-Wind Systems for High-Efficiency Renewable Power Prof. Yoshihiro Yamazaki, Kyushu University, Japan
16:55 – 17:15	Title: Distributed Energy Systems and Smart Energy Networks Prof. Junichi Imura, Institute of Science Tokyo, Japan
17:15 – 17:30	Title: Networking & Day 1 Closing Remarks Prof. Tetsuo Tezuka, Kyoto University, Japan
19:00 – 21:00	Title: Conference Networking Dinner

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DAY 2 September 15, 2026

09:00 – 09:30	Title: Morning Coffee & Networking
KEYNOTE FORUM	
09:30 – 10:00	Title: Green Hydrogen and Its Role in the Global Energy Transition Dr. Hiroki Fujii, National Institute for Materials Science, Japan
10:00 – 10:30	Title: Energy Management and Optimization of Renewable Energy Systems Prof. Tetsuya Wakui, Osaka Metropolitan University, Japan
10:30 – 11:00	Title: Smart Grids and Renewable Energy Integration for Sustainable Communities Prof. Manabu Ihara, Institute of Science Tokyo, Japan
11:00 – 11:15	Title: Coffee Break
TECHNICAL SESSIONS	
11:15 – 11:35	Title: Advanced Battery Technologies for Renewable Energy Storage Prof. Hyunwook Nam, Tokyo University of Science, Japan
11:35 – 11:55	Title: Long-Duration Energy Storage and Energy System Resilience Prof. Koichi Shinoda, Institute of Science Tokyo, Japan
11:55 – 12:15	Title: Grid-Scale Energy Storage and Renewable Energy Integration Prof. Junichi Imura, Institute of Science Tokyo, Japan
12:15 – 12:35	Title: Hydrogen Storage and Power-to-X Technologies Prof. Siew Hwa Chan, Nanyang Technological University, Singapore
12:35 – 13:05	Title: Microgrids and Distributed Renewable Energy Resources Prof. Yoichi Hirata, Suwa University of Science, Japan
13:05 – 14:05	Title: Lunch Break
WORKSHOP	
14:05 – 14:35	Title: Smart Grids, Digitalization and Intelligent Energy Management Prof. Manabu Ihara, Institute of Science Tokyo, Japan
14:35 – 14:55	Title: AI-Based Forecasting and Optimization of Renewable Energy Systems Dr. Daisuke Kodaira, University of Tsukuba, Japan
TECHNICAL SESSIONS	
14:55 – 15:15	Title: Artificial Intelligence for Renewable Energy Forecasting Dr. Daisuke Kodaira, University of Tsukuba, Japan
15:15 – 15:35	Title: Machine Learning for Wind and Solar Power Prediction Prof. Hidenori Mizuno, AIST Renewable Energy Advanced Research Center, Japan
15:35 – 15:55	Title: IoT-Enabled Smart Energy Systems and Intelligent Grids Prof. Jun Hashimoto, AIST Renewable Energy Advanced Research Center, Japan
15:55 – 16:10	Title: Coffee Break
16:10 – 16:30	Title: Electric Vehicles, Vehicle-to-Grid and Renewable Energy Integration Prof. Kenji Tanaka, The University of Tokyo, Japan
16:30 – 16:50	Title: Net-Zero Buildings and Renewable Energy-Powered Communities Prof. Takeyoshi Kato, Nagoya University, Japan
16:50 – 17:10	Title: Energy Management and Demand Response in Smart Cities Prof. Yumiko Iwafune, The University of Tokyo, Japan
17:10 – 17:30	Title: Networking and Award Ceremony Prof. Tetsuya Wakui, Osaka Metropolitan University, Japan
17:30 – 17:45	Title: Closing Remarks Prof. Hiroshi Asano, Gifu University, Japan



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DAY 3 September 16, 2026

09:00 – 09:30 Title: Morning Coffee & Networking

KEYNOTE FORUM

09:30 – 10:00 Title: Renewable Energy Policies and Pathways Toward Net-Zero
Prof. Kenji Tanaka, The University of Tokyo, Japan

10:00 – 10:30 Title: Renewable Energy Economics, Investment and Sustainable Development
Prof. Masahiro Nishio, Institute of Applied Energy, Japan

10:30 – 11:00 Title: Climate Change Mitigation Through Renewable Energy Deployment
Prof. Atsushi Kurosawa, Institute of Applied Energy, Japan

11:00 – 11:15 Title: Coffee Break

TECHNICAL SESSIONS

11:15 – 11:35 Title: Hydrogen Economy and Future Energy Infrastructure
Prof. Siew Hwa Chan, Nanyang Technological University, Singapore

11:35 – 11:55 Title: Circular Economy Approaches to Sustainable Energy
Prof. Junji Kondoh, Tokyo University of Science, Japan

11:55 – 12:15 Title: Waste-to-Energy Technologies and Resource Recovery
Dr. Stephen J. Wilkinson, Avioxx Advanced Fuels Laboratory, United Kingdom

12:15 – 12:35 Title: Energy Efficiency and Sustainable Energy Technologies
Prof. Hiroshi Asano, Gifu University, Japan

12:35 – 13:05 Title: Renewable Energy-Powered Transportation and E-Mobility
Prof. Yo Yasuda, University of Strathclyde, United Kingdom

13:05 – 14:05 Title: Lunch Break

SPECIAL SESSION

14:05 – 15:00 Title: The Future of Renewable Energy: From Research Innovation to Global Deployment
Prof. Arif Hepbasli, Yalvar University, Türkiye

15:00 – 16:00 Title: Poster & Research Presentation Session
Dr. Dai-Yeun Jeong, Asia Climate Change Education Center, South Korea

16:00 – 16:30 Title: Young Researchers & Student Presentation Session
Prof. Varvara Druzianova, North-Eastern Federal University, Russia

16:30 – 17:00 Title: Best Poster & Best Presentation Awards
Prof. Le Wen, University of Auckland, New Zealand

17:00 – 17:30 Title: Future Directions in Renewable Energy and Resources
Dr. Peter Harrop, Zhar Research, United Kingdom

17:30 – 18:00 Title: Closing Ceremony & Certificate Distribution
Dr. Stephen J. Wilkinson, Avioxx Advanced Fuels Laboratory, United Kingdom



MEETINGS ERA
CONFERENCES
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*Sustainable
Energy Today
for a Brighter
Tomorrow*

2nd International Conference on

Future Renewable Energy



Solar Energy



Wind Energy



Bioenergy



Hydropower



Energy Storage



Green Hydrogen



Sustainable
Resources



October 4 – 5, 2027



Dubai, UAE

Theme:

Innovative Solutions for a
Cleaner, Greener and More Resilient Future



Clean Energy
Technologies



Sustainable
Development



Energy
Efficiency



Smart Grids
& Digitalization



Policy, Innovation
& Collaboration



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