



CALL FOR PAPERS

43rd International Energy Workshop

Nara, Japan, 10-13 June 2025

Deadline for abstracts submission: February 1, 2025

The 43rd edition of the International Energy Workshop (IEW) will be hosted by the Research Institute of Innovative Technology for the Earth (RITE) in **Nara, Japan, on 10-13 June 2025**.

The IEW (www.internationalenergyworkshop.org) is a leading conference for the international energy modelling community. In a world of environmental and economic constraints, energy modelling is an increasingly important tool for addressing the complexity of energy planning and policy making. The IEW provides a venue for scholars and researchers to compare modelling tools, to discuss modelling advances for emerging energy sector issues, and to observe new trends in the global energy sector.

The RITE (<https://www.rite.or.jp/en/>) was established in 1990 as a center of excellence to work internationally toward developing innovative environmental technologies based on the Earth Regeneration Plan "New Earth 21" compiled by the Government of Japan. Since then, it has been carrying out R&D activities, particularly for mitigating global warming, including R&D on carbon dioxide capture and storage, biorefinery technologies, and integrated analysis on strategies for mitigating global warming.

Call for Papers - *The deadline for paper submission is February 1st, 2025*

Researchers and practitioners from countries around the world are invited to submit original papers with new and innovative insights on long-term energy transitions, based on scientific as well as practical analysis of energy systems at global, transnational, national and subnational levels. As is customary for the IEW, papers should be quantitative, rigorous and demonstrate clear policy relevance.

A (non-exclusive) list of potential conference topics is:

- Reaching net-zero emissions and climate neutrality
- Role of renewable energy in the energy transition
- Role of hydrogen, ammonia, e-fuels and e-methane in the energy transition
- Managing power system transitions – integration of variable renewable energy and power-to-X
- Sectoral pathways for the energy transition – transport, industry, and buildings
- Energy transition infrastructure – assessment of infrastructure to enable the energy transition, including electrical transmission, storage, EV charging, and hydrogen distribution, CCS and CDR
- Supply chain to enable the energy transition – critical materials, manufacturing capacity, and supply chain transformations
- Energy access and transition in developing countries
- Policies and market design for the energy transition
- Socio-economic analysis of the energy transition
- Assessing the impacts of emerging trends in the energy transition
 - Innovation and digitalization
 - Human behavior
 - Energy security and geopolitical concerns
- Climate resilience of energy systems
- Utilization of scenarios by governments
- Impact of demand-side changes on the energy transition
- Energy transition for Asian countries



Selected papers will be presented and discussed in thematic sessions, circulated during the meeting, and also posted on the meeting website.

Submission of papers

Full papers or long abstracts (minimum 1000 words) <https://www.internationalenergyworkshop.org/> with summary (about 100 – 200 words) in .pdf format should be **submitted online** on the IEW website (www.internationalenergyworkshop.org) no later than **February 1st, 2025**.

Please note that paper selection has become increasingly competitive in recent years. Submissions that fully describe a complete analysis are generally more likely to be accepted than long abstracts. In particular, when submitting a long abstract, please ensure that the study and results are sufficiently described to allow comparison with full paper submissions. Each person can present only one selected paper, although multiple submissions and co-authorship are allowed. Please kindly complete one online form for each submission. Abstracts and presentations submitted by the authors will be available online after the event. Authors will have the option to opt out and choose not to publish the abstracts or presentations on the conference website.

Program Committee

The selection of submitted papers and long abstracts is directed and made by the IEW Program Committee, which includes, among others, the IEW co-directors and the 2025 local organizers:

- Geoffrey Blanford, Electric Power Research Institute (EPRI)
- Massimo Tavoni, RFF-CMCC European Institute on Economics and the Environment (EIEE)
- Bob van der Zwaan, TNO Energy Transition and University of Amsterdam (UvA)
- Keigo Akimoto (RITE)

For further information please see: <http://www.internationalenergyworkshop.org> or contact: info@internationalenergyworkshop.org.