



8th International Conference on Advances in Energy Research (ICAER)

7th – 9th July, 2022
Mumbai, India



Venue

Virtual Conference

Indian Institute of Technology
Bombay, Mumbai, India

Full-length papers are invited in the following thematic areas for the 8th ICAER. The keywords are mentioned as a suggestion for authors and submissions are in general welcome in any research topic related to energy.

Topics

- **Advanced Conventional energy technology** Clean coal and CCS, oil and natural gas, enhanced oil and gas recovery, IC engines, advances in nuclear energy
- **Renewable and Non-conventional energy technology** Solar thermal, solar PV, wind energy, ocean thermal / tidal energy, biomass and biofuels, waste-to-energy, polygeneration, multi-vector energy systems, fuel cells, grid integration of renewables, microgrids, smart grids, Renewable energy forecasting and scheduling
- **Energy storage** Thermal energy storage, electrochemical storage, hydrogen storage, materials for energy storage
- **Energy policy, economics, management** Energy policy and economics, energy resources, procurement, integration and optimization, energy management
- **Electric mobility:** Electric vehicle (EV) policy and regulation, EV integration, EV smart charging, EV infrastructure, power electronic for EVs, Renewable energy integration and EVs, Battery management system
- **Energy, environment, society** Environmental impacts of energy use, sustainability analysis, energy access, energy poverty
- **Sector coupled energy system**
- **Industry innovations in energy**
- **Energy education**

Important dates

- **5th May 2022:** Full paper submission
- **5th Jun 2022:** Revised paper submission
- **15th Jun 2022:** Notification of acceptance
- **18th Jun 2022:** Deadline for early bird registration
- **30th Jun 2022:** Deadline for regular registration
- **7th Jul 2022:** Conference begins

More information

www.es.e.iitb.ac.in/icaer2022

Detailed call for papers

www.es.e.iitb.ac.in/icaer2022

[/conference.html#top](http://www.es.e.iitb.ac.in/icaer2022/conference.html#top)

Email icaer@ese.iitb.ac.in

About IIT Bombay

IIT Bombay is one of India's premier institute recognized worldwide as a leader in the field of engineering education and research. The Institute has many research collaborations with leading universities of the world and is located in a close proximity of several leading R&D centres and major industrial establishments.



About DESE

The Department of Energy Science and Engineering (DESE) is a unique blend of engineering and science for the energy sector. The department is a leading interdisciplinary energy education and research hub in the country for the development of sustainable energy systems for future.