45th IAEE INTERNATIONAL CONFERENCE

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45th IAEE International Conference

25-28 June 2024

Boğaziçi University, Istanbul, Türkiye

CALL FOR PAPERS

Türkiye's unique location straddling the continents of Europe and Asia at the ultimate crossroads of the world's largest oil & gas deposits and consumption centers, offers an exclusive hub for the exchange of research, policy, practice and ideas to overcome global energy challenges. The conference program includes many exciting plenary and dual plenary sessions on key current energy issues, featuring internationally established speakers and lively discussions. With its social functions, the conference will provide a unique opportunity for networking and enhancing communication amongst energy concerned professionals from business, government, academia and other circles worldwide. The rich social program will include unique arrangements like pre-conference workshops and various historical site visits as well as technical tours. The organization committee, an experienced and enthusiastic team of outstanding prominent energy professionals from the academia and private sector in Türkiye, are determined to make this conference a professionally most enriching and socially most memorable event – as we did earlier in Istanbul in 2008 and in Antalya in 2015. We look forward to seeing you in Istanbul.

Important Dates:

Abstract submission deadline: February 5th, 2024
Notification of acceptance: March 8th, 2024
Full paper submission deadline: April 19th, 2024



Plenary Sessions:

Opening Plenary: Geopolitical Risks and Energy Security

Closing Plenary: EU Green Deal / Repower Europe – What to Expect?

Dual Plenary Sessions:

- Energy Accessibility, Awareness and Social Implications
- Future of the Transportation Sector
- Electricity Markets: Effects of Decarbonization
- Hydrogen – A Possible Game Changer?
- Clean Energy Transition: Nuclear, Renewables and Energy Efficiency
- Energy Financing: New Requirements and Opportunities
- Future of Renewables: Storage as a means of Secure Energy Supply
- Future of Hydrocarbons in an Era of Decarbonization

Concurrent Sessions:
The concurrent sessions will be composed of contributed papers, whose submitted abstracts will be refereed and the accepted ones carefully allocated into coherent groups by the IPC. Each concurrent session may accommodate 3-5 speakers, while lasting 80-100 minutes.

Poster Session:
Entrants must be at full-time student status at the time of abstract submission for the poster session.

The PhD day is organized in order to promote collaboration between Student Chapters and to facilitate the exchange among PhD students and between junior and senior scientists

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Pre-Conference Workshops / 23-25 June 2024,

Life cycle assessment – theory and practice
Energy taxes and carbon pricing

Social visits:

Tour of the Bosphorus
Old Town & Grand Bazaar
Rumeli Fortress
Aşiyan Museum

Technical tours:

Kemerburgaz Waste Incineration Center (Istanbul)
Europe's Biggest Incineration Center
Boğaziçi University Kilyos Campus Biorefinery (Istanbul)
Europe's First and Only Carbon Negative Biorefinery

The conference will cover a wide range of topics aiming to advance the knowledge, understanding and application of economics across all aspects and forms of energy, including:

Behavioral energy economics
Carbon capping, taxation and trading
Carbon capture, utilization and storage
Circular carbon economy
Clean Energy Finance
Climate law and governance
Decarbonization and net zero goals
Distributed generation
Economics and geopolitics of oil and gas
Efficient use of energy
Electricity market design
Electrification of transport
Energy access issues
Energy, economic development, and CC
Energy performance in buildings
Energy policy modeling
Energy sector investment and financing
Energy poverty and SDGs
Energy roadmap 2050
Energy security for a more resilient society
Energy storage and electrification
Green innovation, biofuels and bioenergy
Market instruments for energy efficiency
Nuclear energy prospects and challenges
Price volatility of oil & gas
Prospects of alternative transport fuels
Regional perspectives of energy security
Regulation and taxation of energy markets
Renewable energy outlook
Smart grids, microgrids and energy security
Sustainable energy systems
Energy transition: the role of hydrogen
Energy transition: the role of conventionals
The TSO role and evolution

Abstract Submission:

Authors wishing to make concurrent session presentations must submit an abstract that briefly describes the material to be presented by the abstract submission deadline, January 26th, 2024. The abstract must be no more than two pages in length and must include the following sections:

- Overview of the topic including its background and potential significance;
- Methodology: how the matter was addressed, what techniques were used;
- Results: key and ancillary findings;
- Conclusions: lessons learned, implications, next steps;
- References (if any).

Abstracts for the poster session must be submitted by the regular abstract deadline. The abstract format for the Poster Session is identical to that for the Concurrent Sessions. Additionally, such an abstract should clearly indicate that it is intended for the Poster Session. Please visit the conference website (http://www.iaee2024.org.tr) .Abstracts must be submitted online through the conference website. Abstracts submitted by e-mail or in hard copy will not be processed.

IAEE is a global non-profit organization founded in 1977, which includes members from academia, the business community, all levels of government, as well as non-governmental organizations worldwide *from over 100 nations.*

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