International Conference on sUstainable Energy

ENERGY TRANSITION and NET-ZERO CLIMATE FUTURE

Long Beach Garden Hotel, Pattaya City, Thailand
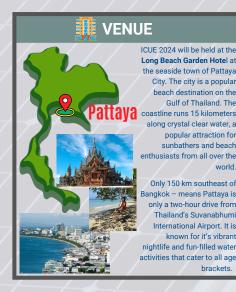21 - 23 October 2024

ICUE 2024

www.icue2024.ait.ac.th

KEY CONFERENCE THEMES

- Cross-Border Power Trade
- Greening the Grids
- Managing Power Systems of the Future
- Electrifying the Transportation Sector
- Energy Education for Net-Zero Future
- Net-Zero Policies and Programmes for Climate Change Mitigation
- Emerging Low Carbon Energy Technologies
- Renewable Energy Revolution
- Sustainable Cities, Green Buildings and Infrastructure
- Energy Modeling for Net-Zero Future
- Green Financing for Energy Transition
- Evaluation of Energy Programs and Policies

REGISTRATION FEES

Category	THB
Regular (early-bird)	15,500
Regular (late-bird)	17,500
AIT Alumni, IEEE member (early-bird)	13,500
AIT Alumni, IEEE member (late-bird)	15,500
Student (early-bird)	7,500
Student (late-bird)	10,500
Extra paper fee (only maximum 1 allowed per registered participant)	3,500

NOTE: Registration fee covers onsite attendance to all sessions, all conference materials, luncheons and coffee breaks, and an invitation letter (for visa purpose). Registration is incomplete until payment is received.

Authors MUST register for their papers to be included in the conference schedule, abstracts/program, and proceedings. One (1) registration fee is valid for only one (1) paper presentation.

Students must provide a copy of their current valid student ID.

More information are provided on the conference website.

AWARDS & PUBLICATIONS

Best Student Paper & Presentation Awards

Gold, Silver, and Bronze Awards will be accorded to well-written student papers, as well as engaging student presentations.

Winning entries will be invited for fast-track publication in the *International Energy Journal* (a SCOPUS-Indexed, with Impact Factor, peer-reviewed journal).

Papers submitted to the conference will also have the opportunity to be considered for a Special Issue on "Sustainable Energy Transition for a Net-Zero Climate Future".

Papers presented at the conference will be in the Conference Proceedings that will be made available in **IEEE Xplore**. Bibliographic information and the abstract will be visible in **SCOPUS**.

IMPORTANT DATES

15 March 2024	Due Date for Abstract Submissions
15 April 2024	Notification of Acceptance (abstract)
30 June 2024	Due Date for Paper Submission
15 July 2024	Notification of Acceptance (paper)
15 August 2024	End of Early-Bird Registration period
21-23 October 2024	**CONFERENCE**

VENUE

ICUE 2024 will be held at the **Long Beach Garden Hotel** at the seaside town of Pattaya City. The city is a popular beach destination on the Gulf of Thailand. The coastline runs 15 kilometers along crystal clear water, a popular attraction for sunbathers and beach enthusiasts from all over the world.

Only 150 km southeast of Bangkok – means Pattaya is only a two-hour drive from Thailand's Suvanabhumi International Airport. It is known for it's vibrant nightlife and fun-filled water activities that cater to all age brackets.

Pattaya

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SUSTAINABLE ENERGY TRANSITION
ICUE 2024
SET a Net-Zero Climate Future

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International Conference on sUstainable Energy

ENERGY TRANSITION and NET-ZERO CLIMATE FUTURE

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21 - 23 October 2024

ICUE 2024

ASIAN INSTITUTE OF TECHNOLOGY 1959

www.icue2024.ait.ac.th

CONFERENCE RATIONALE

For more than a decade now, the Asian Institute of Technology (AIT), Thailand has been successfully organizing the ICUE conference series in every two years. The 2024 edition will focus more on sustainability issues and how best different forms of energy can be harnessed towards a sustainable green growth aiming for a net-zero climate future. Thus, the *International Conference on sUstainable Energy 2024 (ICUE 2024) on Energy Transition and Net Zero Climate Future* will be geared to be a beacon of knowledge, innovation, and collaboration. ICUE 2024 will aspire to be a key for positive change by enhancing awareness and understanding of the importance of achieving a net-zero climate future. It is envisioned to help accelerate the transition to a sustainable ecosystem for healthier generations to come. ICUE 2024 will aim to:

Promote Sustainable Practices: ICUE 2024 will highlight sustainable energy solutions, green technologies, and best practices in various sectors, including energy utilization in industries, manufacturing, transportation, urban development, households, and agriculture.

Foster Awareness and Education: ICUE 20224 intends to bring together policymakers, industry leaders, academics, researchers, and advocates to share insights, research findings, and real-world experiences.

Facilitate Collaboration: Collaboration is key to addressing climate change and achieving a net-zero future. ICUE 2024 will be a platform for stakeholders from diverse backgrounds to connect, share ideas, and forge partnerships among diverse stakeholders that can drive progress towards sustainability.

Support Policy Initiatives: The central role of government policies in guiding the transition to a net-zero carbon economy is paramount. Therefore, ICUE 2024 will also be an avenue for policy discussions, exploring effective ways to implement and enforce regulations that support sustainable practices and encourage community engagements.

TARGET AUDIENCE

Energy Industry Stakeholders
Sustainable Development Practitioners
Researchers and Academics
Students and Youth Leaders
Industry Leaders and Innovations
Environmental NGOs and Advocacy Groups
Government Officials and Policymakers

CONFERENCE FORMAT

ICUE 2024 will feature a combination of keynote presentations, panel discussions, theme-tailored breakout sessions, and networking opportunities. It will provide a platform for participants to showcase their projects, research findings, innovations, and policy recommendations.

SUSTAINABLE ENERGY
ICUE 2024
SET a Net-Zero Climate Future
TRANSITION

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