**SUBMISSION GUIDELINES**

Authors are invited to submit:

**Abstracts:** The abstract should contain the title of the paper, contact person, authors and their affiliations, keywords, together with a summary of the paper. The length of the abstract should be within one page with Times New Roman, font 12. Authors will be notified of the acceptance within 4 weeks on receipt of the abstract.

**Full papers:** After notification of acceptance of the abstract, authors are requested to submit the full paper, typically 8-10 pages in double column single space. (Please see the guidelines for manuscript preparation at www.icercjournal.ait.ac.th).

Authors are encouraged to submit their abstracts and papers electronically both in WORD and PDF files by email (icerc2018@ait.ac.th). Files may also be submitted by mail and addressed to ICUE 2018 secretariat.

Authors are expected to present the accepted papers at the conference. The full paper will be included in CD-ROM of the proceedings upon registration of at least one of the authors per paper. English will be the official language of the conference.

**AWARDS and PUBLICATIONS**

**Best Student Paper Awards**

Gold, Silver and Bronze awards will be accorded to well-written and presented papers. The winning papers will also be invited for publication in the International Energy Journal (a Scopus-indexed and EI Compendex-listed peer-reviewed journal).

**ORGANIZING COMMITTEE**

Prof. Worsak Kanok-Nukulchai, AIT President, Conference Chair
Dr. Jai Govind Singh, Conference Director, AIT
Dr. Shibhakar Dhakal, Technical Program Co-Organizer, AIT
Prof. S. Kumar, Technical Program Co-Organizer, AIT
Dr. P. Abdul Salam, Technical Program Co-Organizer, AIT
Prof. Worrakorn Ongsakul, Technical Program Co-Organizer, AIT
Dr. Brahmanand Mohanty, Technical Program Co-Organizer, AIT

**IMPORTANT DATES**

- 15 March 2018: Deadline for submission of abstracts
- 15 April 2018: Notification of acceptance of abstracts
- 30 June 2018: Deadline for submission of full papers
- 15 August 2018: Deadline for early registration
- 24-26 October 2018: CONFERENCE

**CONTACT INFORMATION**

ICUE 2018 Secretariat
Regional Energy Resources Information Center (RERI)
Energy Program
Department of Energy, Environment and Climate Change
Asian Institute of Technology
P.O. Box 4, Klong Luang, Pathumthani, 12120, THAILAND
Tel: (+66 2) 524 6218 and 524 5413
Fax: (+66 2) 524 5439
URL: www.icue2018.ait.ac.th; www.icue2018.ait.ac.th/2018
E-mail: icue2018@ait.ac.th

Updates will be regularly posted at ICUE 2018 website: www.icue2018.ait.ac.th; www.icue2018.ait.ac.th/2018

**ICUE 2018**

International Conference on GREEN ENERGY for Sustainable Development

24 - 26 October 2018 Phuket, Thailand
Sustainable development is based on three interlinked criteria: economic development, social progress and environmental protection. It is the state of development that seeks to produce sustainable economic growth while ensuring future generations’ ability to do the same by not exceeding the regenerative capacity of nature. It is an economic development with social awareness that doesn’t sacrifice the environment. Holistic approach to global modernization, urbanization and industrialization must be in place for a sustainable development to exist. If the goal of development is to raise living standards, provide access to modern energy services, use of energy more efficiently, then Green growth must play a key role. Incorporating elements of low-carbon green growth in economic strategies that would include technological, financial and investment aspects, as well as national and regional energy strategy plans towards a sustainable Green future has now become more important. A low-carbon based economic growth is the only way to go to help mitigate environmental pollution and CO2 emissions.

This ICUE 2018 conference will be a venue to exchange research ideas, experiences, technical, social, financial, economic and policy issues covering greening energy utilization. Here, energy professionals, policy makers, researchers, members of the academic, engineers, members of the energy supply sector, etc., will have a platform to showcase research findings, technological innovations, transformative emerging technologies, and even to discuss burning global, regional and national issues in energy utilization for development and environment policies and programmes.

The conference will discuss the following, but not limited to:

**GREEN Energy Technology**
- Renewable Energy (Wind, Solar, Hydro, Geothermal)
- Biomass, Biofuels and Biogas
- Greening the Fossil Fuels
- Emerging and Advanced Green Energy Technologies
- Energy efficiency and rationale use of energy

**GREEN Power, Industrialization and Transport**
- Smart Grid and Green Energy Integration
- Electric Power Generation, Transmission and Distribution
- Power System Operation, Design and Interconnection
- Power System Optimization, Planning and Analysis
- Greening the Industrial Sector’s Energy Use and Options
- Green Energy in Transport

**GREEN Energy Policies and Programmes**
- Sustainable Development Goals (SDGs) and Green Energy
- Energy and Carbon Offset
- Greenhouse Gas Mitigation and Climate Change
- Energy and the Environment
- Greening Urbanization and Urban Settlements
- Rural Development through Green Energy
- Energy and Health
- Promoting Disruptive Innovation

**GREEN Economy**
- Green Energy Trade for Economic Development
- Trans-border Power Exchange (cross-border power issues)
- Geopolitical, Sustainability issues, and Strategies
- Low Carbon Economy and Society

Phuket Province is located in Southern Thailand. It is the biggest island of Thailand and sits on the Andaman Sea. Phuket, a rainforested, mountainous island, has some of Thailand’s most popular beaches, mostly situated along the clear waters of the western shore. The island is home to many seaside resorts, spas and restaurants situated in Rawai, Patong, Karon, Kamala, Kata Yai, Kata Noi, and Mai Khao. Laem Phromthep Viewpoint is said to feature the most beautiful sunsets in Thailand. Phuket City, the capital, has old shophouses and busy markets. Patong, the main resort town, has many nightclubs, bars and discos.

The pleasant bay of Kata, just a few minutes south of Karon Beach, entices and charms many visitors with its superb largewhite sand beach and incredible clear blue waters. Kata Beach is the most popular beach in Phuket after Patong which is very popular with families. It is an all round favourite due to its spectacular palm-lined beach, great restaurants, lively but not raucous nightlife and varied accommodation options all close to the beach.

Visiting Phuket is easy as there are now many travel options. Direct and connecting flights are now much more available than ever before. Travel by land is also very much accessible.

### Registration Form

**Registration Fees**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Before 15 August 2018</th>
<th>After 15 August 2018</th>
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<tbody>
<tr>
<td>Regular Fee</td>
<td>450 USD</td>
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<td>[ ] 15,300 THB</td>
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<td>17,000 THB</td>
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<td>IEREIC Member, AIT Alumni and IEE members**</td>
<td>400 USD</td>
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<td>[ ] 13,600 THB</td>
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<tr>
<td>Student ***</td>
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<tr>
<td>Extra Paper Fee</td>
<td>100 USD</td>
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<td>[ ] 3,400 THB</td>
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**Notes:**
- The registration fee covers official ICUE 2018 materials, welcome reception, conference dinner, coffee breaks, an invitation letter (for visa), a technical tour and a welcome reception. Registration fees are due in full at the time of registration. The registration fee will be refunded for those who fail to present their paper at the conference. No paper will be included in the CD-ROM proceedings. Cash is not accepted for on-site registration. Over(I) registration fee will be valid for only one paper presentation.
- **I/EREIC Member:** Only valid for members of the IEREIC only.
- **Alumni:** Only valid for alumni of members of the IEREIC.
- **Student:** Only valid for students of the IEREIC.
- **Extra paper fee:** Only one extra paper will be admitted per one registered author/presentation. Student registration is also available for students’ presentations.

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**Please complete and return this form at your earliest convenience.**

[ ] I would like to register for the ICUE 2018.

[ ] My Company/Organization is interested in sponsoring the event through:

[ ] Platinum Package (150,000 THB): 4 waived registration fees + company logo in plenary hall, break-out rooms, and conference kits + 4 round-trip, economy plane tickets (Bangkok-Phuket-Bangkok) + 3 nights accommodation (twin-bed sharing).

[ ] Gold Package (75,000 THB): 2 waived registration fees + company logo in plenary hall, break-out rooms, and conference kits + 2 round-trip, economy plane tickets (Bangkok-Phuket-Bangkok) + 3 nights accommodation (twin-bed sharing).

[ ] Technical Collaborator (125,000 THB): 2 hour sponsored session + 6 waived registration fees + company logo in plenary hall, break-out rooms, and conference kits.