

The 2021 International Electrical Engineering Congress (iEECON2021)

March 10 – 12, 2021

Pattaya, Thailand

CALL FOR PAPERS

The 2021 International Electrical Engineering Congress (iEECON2021) is a premier international academic conference organized by Rangsit University, Thailand and the Electrical Engineering Academic Association (Thailand), EEAAT. The iEECON2021 will provide a forum for researchers, engineers and industry experts to discuss recent developments, new ideas and breakthroughs in Electrical Engineering technologies. Topics of interest include power & energy, communications, electronics & control, digital signal processing, and computer & Information Technology. Each manuscript will be peer-reviewed, and revised according to the reviewers' comments. Abstract of all submission accepted and presented will be published in the abstract book of iEECON2021, and the full manuscript will be submitted for inclusion into IEEE Xplore database. The iEECON2021 will be held in Pattaya, Thailand. Pattaya is 150 kilometres southeast of Bangkok, and faces the Thai Gulf. Pattaya is Asia's premier beach resort, and caters with equal appeal to families, couples and single visitors. Pattaya's relaxing tropical ambient is synonymous with every ingredient for memorable holidays.

Honorary General Chair

Arthit Ourairat (RSU)

International Steering Committee

Andrea Bonfiglio (UNIGE, Italy)
Athikom Roeksutr (MUT, Thailand)
Christof Humpert (TH-KOELN, Germany)
Hiroshi Matsuno (Yamaguchi Univ., Japan)
Ian Grout (UL, Ireland)
Koichi KUZUME (NIT, Japan)
Mithulan Nadarajah, (UQ, Australia)
Prayoot Akkarakethalin (KMUTNB, Thailand)
Sri Niwas Singh (IITK, India)
Sven Nordholm (Curtin University, Australia)
Tim Mews (University of Alabama, USA)

General Chair

Thammasak Rujirayanyong (RSU, Thailand)

Technical Program Chairs

Duang-Arthit Srimoon (RSU, Thailand)
Phaisan Ngamjanyaporn (RSU, Thailand)
Tsai-fu Wu (NTHU, Taiwan)

Technical Program Committee

Adirak Kanjanaharuthai (RSU, Thailand)
Apirat Siritarawat (KKU, Thailand)
Chaiwut Chat-uthai (EEAAT, Thailand)
Chanin Wongyai (RSU, Thailand)
Issa Batarseh (UCF, USA)
Kosin Chamnongthai (KMUTT, Thailand)
Mark Re (Seagate Technology, USA)
Ming Dong (XJTU, China)
Nosrat Granpayeh (KNTU, Iran)
Phillip N. Ji (NECLab, USA)
Rong Phoophuangpaioj (RSU, Thailand)
Sarah Thompson (University of York, UK)
Somchai Hiranvarodom (RMUTT, Thailand)
Thas A Nirmalathas (UNIMELB, Australia)
Vichate Ungvichian (FAU, USA)
Vo Ngoc Dleu (HCMUT, Vietnam)

Sponsor & Exhibition Chairs

Somboon Sooksatra (RSU, Thailand)
Wanchai Subsingha (RSU, Thailand)

Local Arrangement Chairs

Supattana Nirukkanaporn (RSU, Thailand)
Cattareeya Suwanasri (EEAAT, Thailand)

Information System Chair

Jirapat Sangthong (EEAAT, Thailand)

Finance Chairs

Wanchai Chankapol (EEAAT, Thailand)
Sommart Sang-Ngern (EEAAT, Thailand)

General Secretary

Supattana Nirukkanaporn (RSU, Thailand)

Topics of interest include (but not limited to)

- **Power & Energy:** Smart Grid Technology, Planning, Management Operation and Control, Electrical Power Systems, Generation Transmission and Distribution, Electrical Machines, Energy Conversions, Renewable Energy Sources, Power Electronics, Energy Systems, Power Quality, High Voltage Engineering, Insulation and Materials, etc.
- **Communications:** Communication Theory, Antennas and Propagation, Optical Communications, Signal Processing for Communications, Channel Coding, Multimedia Communications, Remote Sensing and Applications, Metamaterials, etc.
- **Electronics & Control:** Analog Circuits, Filters and Data Conversion, Analog and Mixed Signal Processing, Embedded Computer System, Robotics, VLSI Design, Biomedical Electronics, Industrial Electronics and Automation, Adaptive Control, Electric Circuit Technology, Fault Tolerance and Detection, Semiconductor Materials, Magnetic Materials, etc.
- **Digital Signal Processing:** Image and Video Processing, Audio and Speech Processing, Pattern Recognition, Biomedical Signal Processing, Computer Machine Vision and Pattern Recognition, Adaptive Signal Processing, Machine Learning for Signal Processing, etc.
- **Computer & Information Technology:** Computer Networks, Cloud Communication and Networking, Data Mining, Artificial Intelligence, Computational Theory, Information System, High Performance Computing, Computer Security, Software Engineering, Distributed and Parallel Computing, Web Services and Internet Computing, Multi-agent Systems, Human Computer Interactions, etc.

Paper Formats

- **Full Manuscript:** Use four-page IEEE conference template, Microsoft Word A4
- **Abstract:** Use one-page abstract template, PDF or Microsoft Word A4, maximum of 300 words
- **Extended Summary:** Use two-page summary template, PDF or Microsoft Word A4

All templates are available at www.ieecon.org/ieecon2021

Submission

It should be noted that only **Online Electronic Submission** will be considered.

Please send the abstract/extended summary/full manuscript to www.ieecon.org/ieecon2021

Important Dates

- Submission Deadline for Abstract/Extended Summary/Full Manuscript: November 13, 2020
- Notification of Acceptance: December 25, 2020
- Camera-Ready Submission Deadline (Full Manuscript Only): January 15, 2021
- Early Bird Registration Deadline: January 15, 2021
- Conference Dates: March 10 – 12, 2021

Publication

All accepted submissions will require the presenting author to register and attend iEECON2021.

Abstract of papers accepted and presented in iEECON2021 will be published in the conference proceedings.

Accepted and presented full manuscripts will be submitted for inclusion into IEEE Xplore database.

Selected conference papers will be invited to be published in IEET: International Electrical Engineering Transaction, an online publication of the EEAAT.

Contact Address:

College of Engineering, Rangsit University
52/347 Muang-Ake, Phaholyothin Rd.,
Lak-Hok, Muang, Pathumthani, 12000 Thailand
e-mail: ieecon2021@rsu.ac.th website: www.ieecon.org/ieecon2021

