

ICITEE 2019

THE 11TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND ELECTRICAL ENGINEERING,

OCTOBER 10-11, 2019
HOLIDAY INN PATTAYA, THAILAND

Organizer

- Faculty of Information Technology, King Mongkut's Institute of Technology Ladkrabang (KMITL), Thailand
- Department of Electrical Engineering and Information Technology, Universitas Gadjah Mada (UGM), Indonesia

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- IEEE Thailand Section
- IEEE Control Systems Society, Thailand Chapter
- IEEE Computational Intelligence Society, Thailand Chapter
- IEEE Power & Energy Society, Thailand Chapter
- ECTI Association

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- Yoshimitsu Kuroki (NIT-Kurume, Japan)

Important Dates:

Paper submission deadline:

28 July 2019 (Extended)

Notification of acceptance: 1 September 2019

Early bird registration by: 10 September 2019

Camera ready submission by: 15 September 2019

Regular registration by: 15 September 2019

Late registration from: 16 September 2019

For further information, please refer to

Website: <http://www.icitee.org/>

Email: icitee2019@it.kmitl.ac.th

CALL FOR PAPERS

The 11th International Conference on Information Technology and Electrical Engineering, ICITEE 2019, is an annual international conference organized by King Mongkut's Institute of Technology Ladkrabang (KMITL), Bangkok, Thailand, and co-organized by Universitas Gadjah Mada (UGM), Yogyakarta, Indonesia. It will be held at Holiday Inn Pattaya in Chonburi province, Thailand, during October 10-11, 2019.

ICITEE 2019 aims to strengthen the collaboration and to provide a forum for academicians, professionals and researchers to discuss and exchange their research results, innovative ideas, and experiences in all aspects of advanced and synergistic technologies. The conference will feature regular paper presentations, invited sessions, and keynote addresses. The accepted and presented papers will be submitted to IEEE Xplore® and indexed by SCOPUS, EI Compendex, ISI Conference Proceedings Citation Index, and major databases. The topics of interest include but are not limited to the following areas:

► **INFORMATION TECHNOLOGY:** Distributed Systems, Knowledge Discovery, Big Data and Data Mining, Visualization and Computer Graphics, Multimedia Technology, Human Computer Interaction, Social Media, Mobile Computing, Internet of Things, Software Engineering, Information Systems, Decision Support System, Digital Marketing

► **SIGNAL PROCESSING & MACHINE INTELLIGENCE:** Artificial Intelligence, Machine Learning, Applications of GPU for Machine Learning, Signal and Image Analysis, Image Understanding, Computer Vision, Natural Language Processing, Bioinformatics

► **COMMUNICATION & NETWORK TECHNOLOGIES:** Networking and Telecommunication Systems, Wireless Ad-hoc and Sensor Networks, Cognitive Radio, Cooperative Communications, Radio Resource Management and Optimization, Vehicular Communications, Information Theory, Software Defined Networking

► **ELECTRONICS, CIRCUITS, AND SYSTEMS:** Green Design for VLSI and Micro Electronic Circuits, Embedded Systems and SoC design, Power Electronics, RF Devices and Circuits, Computer-Aided-Electronics Design and Technology, Device Material and Manufacturing Technology, Photonic and Optoelectronic Circuits and Systems, High-Voltage Engineering, Power Transmission and Distributions, Electric Motors, Power Electronics, Smart Grid, Renewable Energy, Microgrid and Distributed Generations

► **CONTROL SYSTEMS:** Control Theory and Applications, Robotics and Autonomous Systems, Intelligent Control, Robust and Nonlinear Control, Adaptive Control, Industrial Automation and Control Systems Technology, Control of Infinite Dimensional Systems, Geometric Control Theory and Applications

Paper Submission:

Authors are cordially invited to submit full papers (4 to 6 pages) in PDF format. Please download the template from the conference website and submit the full papers online at <http://www.icitee.org/>. Upon acceptance, authors are required to register and present their papers at the conference. The paper that is not presented by the author at the conference will be excluded from distribution in IEEE Xplore® Digital Library. Papers which make outstanding contributions to the relevant topics will be considered for best paper awards.



Organized by:

Faculty of Information Technology,
King Mongkut's Institute of Technology
Ladkrabang, Thailand

Co-organized by:

Department of Electrical Engineering
and Information Technology
Universitas Gadjah Mada
Yogyakarta, Indonesia

Technical Co-Sponsors:



CSS

IEEE Control Systems Society



KEYNOTE SPEAKER



Prof. Dr. Toshiaki Fujii
Nagoya University, Japan

Title: *3D Visual Communications:
from Capture to Display*



Prof. Dr. Kamesh Namuduri
University of North Texas, USA

Title: *Safe and Trusted Unmanned
Air Transportation*



Assoc. Prof. Dr. Penrudee Netisopakul
King Mongkut's Institute of Technology Ladkrabang

Title: *The Invasion of Recommenders*



Dr. Tumiran
Universitas Gadjah Mada, Indonesia

Title: *TBD*

PATTAYA

General Information:

Pattaya is a popular beach resort on the Gulf of Thailand – just over one-hour drive from Suvarnabhumi Airport. Hundreds of thousands of visitors are drawn each year to Pattaya. With activities that include a wide array of water sports, golf, shopping, cabaret shows, an elephant village, and fascinating museums, it's impossible not to have an action-packed Pattaya holiday. In addition, Pattaya's pulsating nightlife is well known, but local authorities have, in recent years, improved the quality of the beaches and reinvented the resort as a more family-friendly destination. Another major draw for visitors to Pattaya is the wide selection of restaurants serving some of Thailand's freshest seafood. Due to the high number of expatriate foreigners in Pattaya there is also an excellent selection of authentic foreign eateries serving.

Accommodation:

Drawing such a large number of diverse visitors from across the world, it's no surprise that Pattaya also boasts an incredible choice of accommodation including hotels, resorts, apartments, condominiums, and villas. Rooms are available for as little as 400 baht a night for air-conditioning, cable TV, and hot shower or as much as 30,000 baht a month for three-bedroom villas ideal for families. There are international chain hotels, such as the Hard Rock and Marriott, as well as locally owned guesthouses.

