

Message from the Honorary Chairman

On behalf of King Mongkut's Institute of Technology Ladkrabang (KMITL), I am honored and delighted to welcome all the delegates and their guests to the 4th International Conference on Engineering, Applied Sciences and Technology (ICEAST) in the beautiful city of Phuket, Thailand.

The theme of the conference this year is "Exploring Innovative Solutions for Smart Society" which is organized in four different tracks to provide opportunities for enhancing interdisciplinary interactions, dialogue, and collaborations among all engineers, scientists, technologists and educators in various topics of current interest.

I would like to thank the organizing committees who have worked hard to plan and organize this important conference. I also would like to thank the co-sponsors for their contributions. Hopefully, their efforts will be rewarded and the conference will meet everyone's highest expectations. Lastly, I wish you all a successful conference and an enjoyable experience in Phuket, Thailand.



Prof. Dr. Suchatvee Suwansawat

President

King Mongkut's Institute of Technology Ladkrabang

Message from the General Chairman

I am delighted to see many colleagues, professors, researchers, and participants from around the world, all in one place. It is an honor and pleasure for King Mongkut's Institute of Technology Ladkrabang (KMITL) to greet and welcome you to the 4th International Conference on Engineering, Applied Sciences and Technology (ICEAST).

We organize ICEAST 2018 as a platform to gather the latest knowledge in engineering with the spectrum of topics that are current and broad. This is so that academicians, researchers, scientists, and practitioners can share and discuss new innovations or findings in engineering. Moreover, we hope that this event will be the starting point of collaborative partnership creation and innovation community building. I would like to take this opportunity to express my sincere gratitude to you for being here today.

Lastly, I hope that you enjoy your participation in ICEAST 2018 and have a memorable time in Phuket. On behalf of KMITL and ICEAST 2018 committee, I am very pleased to have you as our guests, thank you.



Assoc. Prof. Dr. Komsan Maleesee

Dean of Faculty of Engineering

King Mongkut's Institute of Technology Ladkrabang

Message from the General Secretary

On behalf of the organizing committee, I am pleased to welcome you to the 4th International Conference on Engineering, Applied Sciences and Technology (ICEAST). The ICEAST conference was inaugurated in 2007 to provide opportunities for enhancing collaboration and exploring current interdisciplinary topics. The conference aims to provide forum for presentations and discussions of the most recent advancements in all fields of engineering. In addition to the technical program, participants will have the opportunity to enjoy the charms of Phuket which is one of the world's top tourism destinations.

I would like to express my gratitude toward the plenary speakers, invited speakers and participants. I also would like to extend my congratulations to the authors and presenters. This conference would not have been successful without the support from our sponsors and we greatly appreciate their contributions. I hope that this conference will provide not only outstanding technical knowledge but also enjoyable experience for the participants. In conclusion, I am delighted to give a warm welcome to all you.



Dr. Chaowalit Hamontree

Head of Department of Industrial Engineering
King Mongkut's Institute of Technology Ladkrabang

iceast 2018



The 4th International Conference on Engineering,
Applied Sciences and Technology

"Exploring Innovative Solutions for Smart Society"

July 4-7, 2018

Swissôtel Resort Phuket Patong Beach, Phuket, Thailand

The International Conference on Engineering, Applied Sciences and Technology (ICEAST) was inaugurated in 2007 to provide opportunities for enhancing collaboration and exploring current interdisciplinary topics. The ICEAST conferences were held in the past in 2007, 2012 and 2013. To continue the conference mission, the fourth ICEAST conference will be held at Swissôtel Resort Phuket Patong Beach in Phuket, Thailand during July 4-7, 2018. The accepted conference papers will be published in MATEC Web of Conference (indexed by SCOPUS) and the proceedings volume in IEEE Xplore Digital Library (indexed by EI Compendex and SCOPUS).

In addition to the technical program, participants will have the opportunity to enjoy the many charms of Phuket which is one of the World's top tourism destinations. The Organizing Committee hopes that this conference will provide not only outstanding technical knowledge but also enjoyable experience for the participants.

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General Secretary

- Chaowalit Hamontree (KMITL, Thailand)

Important Dates

Paper Submission Deadline	February 28, 2018
Notification of Acceptance	April 30, 2018
Final Paper Submission Deadline	May 15, 2018
Early Registration Deadline	May 15, 2018
Conference Date	July 4-7, 2018

Call for Papers

- Track 1** - Industrial Engineering, Materials and Manufacturing
- Track 2** - Mechanical, Mechatronics and Civil Engineering
- Track 3** - Food, Chemical and Agricultural Engineering
- Track 4** - Telecommunications, Computer Science, Instrumentation and Control, Electrical and Electronic Engineering

Publications

Accepted papers will be published in the Proceedings of ICEAST 2018 and

- (Track 1-3)** MATEC Web of Conference (indexed by SCOPUS).
- (Track 4)** Proceedings volume to be included into IEEE Xplore Digital Library. (The IEEE provides SCOPUS with all of the IEEE Xplore Digital Library content so that the bibliographic information (what is seen on an abstract page in IEEE Xplore, including the abstract) can be made visible.)

Registration Rate (THB)

	Early Registration	Standard Registration
Regular Paper	12,000	14,000
Student Paper	8,000	9,000
Additional Paper	8,000	9,000
Participant	5,000	6,000

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