

## Call for Papers and Announcements

### "The Impact of the 4<sup>th</sup> Industrial Revolution on Engineering Education"

25-28 September 2019

InterContinental Bangkok, Bangkok, Thailand

#### Overview

The 22<sup>nd</sup> International conference on Interactive Collaborative Learning (ICL 2019) and the 48<sup>th</sup> IGIP International Conference on Engineering Pedagogy are being proposed to convene in Bangkok, Thailand, during 25-28 September 2019. This interdisciplinary conference aims to focus on the exchange of relevant trends and research results as well as the presentation of practical experiences in Interactive Collaborative Learning and Engineering Pedagogy.

#### Important Dates

25 Mar 2019	Submission of 2 pages structured abstracts (full, short paper, poster) for the main conference and Special Session Proposals
26 Apr 2019	Notification of invitation for abstracts for the main conference and Special sessions
03 Jun 2019	Submission of complete papers for all submission types
28 Jun 2019	Notification of Acceptance
22 Jul 2019	Author Registration Deadline
22 Jul 2019	Camera-ready due
25 Sep 2019	Conference Opening

#### Proceedings

The conference proceedings will be published as ICL2019 Proceedings in the Springer series "Advances in Intelligent Systems and Computing". The books of these series are submitted to ISI Proceeding, EI-Compendex, DBLP, SCOPUS, IEEE explore, Google Scholar and Springer link.

#### KMUTNB & VENUE

Celebrating 60<sup>th</sup> years of King Mongkut's University of Technology North Bangkok (KMUTNB), still ranked the top 10 national universities with its graduate employability and employer satisfaction. Focus on engineering and technical education, the university strives to encourage innovation in science and its application in industry. KMUTNB is the home of the famous robotics and artificial intelligence; the university's robotic teams participated in many Global Challenge Robotics Tournaments and earned eight-time world championships. Moreover, winning the National Teaching Academy Awards for six consecutive years confirm the excellence of the contribution to teaching and supporting student learning. One of KMUTNB campus is located in Thailand's capital Bangkok, famous for its vibrant cultural life. Only 20 minutes away, this year the conference will be held at the InterContinental Bangkok. This luxury hotel located in the heart of Bangkok provides ultra-modern luxury and a true cosmopolitan escape. With a BTS SkyTrain station directly adjacent the venue, you can easily explore Bangkok and many nearby city's most exciting dining and shopping locations

#### Topics of Interest

Topics of interest include, but are not limited to:

- *Engineering Pedagogy;*  
Technical Teacher Training, Remote and Virtual Laboratories, Research in Engineering Pedagogy, New Learning Models and Applications, New Trends in Graduate Education, Course and Curriculum Development, Instructional Model Development, Instructional Aids Development, Vocational Administration and Education, Ethics and Engineering Education, etc.
- *Interactive Collaborative Learning;*  
STEM Education, Collaborative Learning, Interactive Learning, Project Based Learning, Flipped Classrooms, Problem Solving Based Learning, Game-based Learning, Lifelong Learning, Distance Learning, etc.
- *Technical and Engineering Education;*  
Mechanical Engineering, Electrical and Electronic Engineering, Civil Engineering, Mechatronic Engineering, Renewable Energy, Vocational Education Development, etc.
- *Information Communication Technology;*  
E-Learning, Computer Aided Language Learning, Mobile Learning Environments Applications, Information Communication Technology for Education, Modern Education Technology and Applications, etc.
- *21<sup>st</sup> Learning Century;*  
Knowledge Management and Learning, Evaluation and Outcomes Assessment, Educational Virtual Environments, Ubiquitous Learning Environments, Adaptive and Intuitive Environments, Learning Culture & Diversity, Academic-industry Partnerships, Real World Learning Experiences, Work Integrated Learning (WIL), Impact of globalization, etc.
- *Related Other Topics;*  
Women in engineering careers, Public Policy in Engineering Education, Pilot Projects / Products / Applications, etc.

#### Organizers

- Faculty of Technical Education, King Mongkut's University of Technology North Bangkok, Thailand ([www.kmutnb.ac.th](http://www.kmutnb.ac.th))
- IGIP International Society for Engineering Education ([www.igip.org](http://www.igip.org))

#### Co-Organizers

- IEEE Education Society and IEEE Thailand Section
- Université de Lorraine, France

#### More Information

<http://www.icl-conference.org> [info@icl-conference.org](mailto:info@icl-conference.org) +43-5-90500-2115





## Imprint

### **iJEP – International Journal of Engineering Pedagogy**

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#### **Indexing**

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