

PAEE/ALE' 2020



International Conference on Active Learning in Engineering Education

**“Striving Engineering Education Towards
Student Competence Development”**

26th - 28th of August, 2020 in Pattaya, Thailand



www.paeale.ait.ac.th

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**Paper and
Poster
Sessions**

Workshops

**Round
Table**

Debates

**Hands-on
Sessions**

PAEE/ALE'2020 is an international conference on active learning in engineering education. It will be in Pattaya, Thailand's resort city on the east coast of the Gulf of Thailand. Pattaya is about 118 kilometers (73 miles) from Suwannabhumi International Airport. Traveling to Pattaya is easy and convenient as there are plenty of cars, vans, and buses from the airport as well as Bangkok. Within two hours, you will arrive at a beautiful beach in Pattaya, a host to a beguiling range of attractions from ancient Thai traditions to modern adventures.

Conference Topic

Topics of interest include, but are not limited to, the following:

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| Active Learning and ICT support | Interdisciplinarity |
| Attracting young people to Engineering | Project management in engineering education |
| Basic sciences in engineering education | Research on PBL and Active Learning |
| Curriculum design | Serious games |
| Development and assessment of competences | Student assessment in PBL and Active Learning |
| Diversity in Engineering students | Student engagement in learning |
| Education for sustainability | Teacher and tutor roles in PBL and Active Learning |
| Evaluating PBL and Active Learning | Teamwork |
| Implementation of pedagogic changes | University-Business Cooperation |
| Innovative experiences in engineering education | Workspaces for Active Learning |

The Conference Proceedings will appear in SCOPUS database.

PAEE/ALE aims to be a place for teachers, researchers, and professionals specializing in Engineering Education to meet annually to exchange, share, and discuss ideas to enhance engineering education with Active Learning. Besides paper sessions, participants will experience active involvement in hands-on sessions, workshops, debates, round table, poster sessions, and student project sessions. The conference is the merging of two international events: the International Symposium on Project Approaches in Engineering Education (PAEE) organized by the PAEE association and the Department of Production and Systems of the University of Minho, Portugal, since 2009, and Active Learning in Engineering Education Workshop (ALE) organized by Active Learning in Engineering Education Network since 2000. PAEE/ALE'2020 will be the fifth collaboration of the two events.