IEEE INTERNATIONAL CONFERENCE ON TEACHING, ASSESSMENT, AND LEARNING FOR ENGINEERING

IEEE TALE 2026

December 2-4, 2026 // Pattaya, Thailand

IEEE Region 10 | IEEE Education Society | IEEE Thailand Section

CALL FOR PAPERS

Theme: "AI-Augmented Learning: Redefining the Future of Engineering & Technology Education"

CONFERENCE OVERVIEW

IEEE TALE is the flagship Asia-Pacific conference of the IEEE Education Society. In 2026, hosted by the IEEE Thailand Section, we gather in the coastal city of Pattaya to explore how modern technologies—with a spotlight on Artificial Intelligence—are reshaping the pedagogical landscape. We invite researchers, educators, and industry practitioners to share innovations that move education from universal access to personalized, AI-driven excellence.

SPECIAL FOCUS: HOW AI AFFECTS EDUCATION

This year's conference specifically examines the "AI Inflection Point." We seek papers that explore the dual nature of AI as both a tool for empowerment and a challenge to traditional academic integrity. Key areas of impact include:

- **Hyper-Personalization:** Utilizing Generative AI and LLMs to create adaptive learning paths.
- **Assessment Revolution:** Moving beyond traditional testing toward AI-assisted authentic assessment and real-time feedback.
- **Teacher Empowerment:** AI as a co-pilot for grading, curriculum design, and administrative efficiency.
- **Equity & Ethics:** Addressing bias in AI models and ensuring equitable access to advanced learning tools.

SUBMISSION FORMAT

Full Papers (4-6 pages)
Mature research or practice-based projects.

IMPORTANT DATES

June 30, 2026
Paper Submission Deadline

September 1, 2026
Notification of Acceptance

October 1, 2026
Early bird Registration

October 1, 2026
Camera-Ready Submission

LOCAL SPONSORS

TECHNICAL TRACKS

Special Track: AI for Education
(Conference Spotlight)

- **Generative AI & LLMs:** Impact of AI on curriculum design, personalized tutoring, and automated feedback.
- **AI-Enhanced Assessment:** Automated grading, plagiarism detection in the age of AI, and shift toward authentic, AI-resistant assessment.
- **Adaptive Learning Systems:** Intelligent tutoring systems (ITS), recommendation engines for student learning paths, and hyper-personalization.
- **Ethical AI & Governance:** Bias in educational datasets, data privacy, student security, and institutional policy for AI use.
- **Learning Analytics:** Educational data mining to predict student performance and enhance retention.
- **Human-AI Collaboration:** The evolving role of the teacher as an "AI co-pilot" and building AI literacy for students and faculty.

Core TALE Tracks

- **AI and Data-Driven Education:** AI in Education, Machine Learning in Learning Design & Delivery, Learning Analytics & Educational Data Mining
- **Online, Open, and Flexible Learning:** Online & Distance Learning (Higher Ed & Professional), Open Education (OER, licensing, strategies), MOOCs and Blended Learning
- **Emerging Learning Technologies:** VR/AR and Immersive Learning, Technology-Enhanced Learning, Future Learning Environments & Innovation
- **Curriculum, Assessment, and Learning Sciences:** Curriculum Development, Assessment & Evaluation, Learning Sciences & Educational Research, Pre-University Education, STEAM Education
- **Learner Experience and Outcomes:** Student Engagement & Retention, Learner Experience in Digital Education, Work-Integrated Learning
- **Credentials, Ethics, and Educational Systems:** Micro-credentials & Lifelong Learning, Academic Integrity in Online Learning, Ethical & Societal Implications of EdTech
- **Entrepreneurship and Innovation in Education:** Entrepreneurship Education, University–industry Collaboration, Education Innovation and Startups

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