IEEE

INTERNATIONAL CONFERENCE ON
TEACHING, ASSESSMENT, AND LEARNING FOR ENGINEERING

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 (6–8 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 ChatGPT/Claude 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

» **Engineering Education:** Innovations in teaching complex engineering concepts, lab-based learning, and capstone projects.

» **Computing & IT Education:** Best practices in teaching programming, cybersecurity, and data science.

» **STEM/STEAM Initiatives:** K-12 outreach, robotics in education, and integrated science/arts pedagogy.

» **Online & Blended Learning:** Hybrid classroom models, MOOCs, and ensuring academic integrity in remote environments.

» **Work-Integrated Learning:** Industry partnerships, internships, and preparing students for an AI-ready workforce.

» **Immersive Technologies:** Virtual, Augmented, and Mixed Reality (VR/AR/XR) in technical training.

» **Metaverse in Education:** Collaborative learning in 3D virtual spaces.

» **Blockchain in Education:** Verified micro-credentials, digital badges, and secure academic records.

» **Game-Based Learning:** Educational simulations and gamification of technical curricula.

» **Other related topics**