International Workshop on Generative AI and Digital Transformation in Education (AIEd-Frontiers)

Workshop Overview

The AIEd-Frontiers Workshop focuses on the rapidly evolving landscape of Generative Artificial Intelligence and its transformative impact on education systems worldwide. This workshop explores innovative AI-driven tools, adaptive learning ecosystems, higher education transformation, and pedagogical advancements enabled by automation and data-driven decision making. Participants will engage with cutting-edge research, classroom applications, and policy implications shaping the future of education in the age of AI.

Workshop Tracks

Track 1 – Generative AI in Teaching, Learning, and Assessment
• AI-assisted curriculum development
• Intelligent tutoring systems
• Automated assessment and feedback tools
• Personalized and adaptive learning environments

Track 2 – Educational Technology and Digital Innovation
• Integration of AI tools in higher education
• Digital transformation case studies
• Smart classrooms, LMS automation, and data analytics

Track 3 – Ethics, Policy, and Responsible AI in Education
• Ethical use of AI in classrooms
• Bias, transparency, and data protection
• Institutional AI governance models

Track 4 – AI for Student Engagement and Wellbeing
• AI-powered student monitoring and support
• Enhancing engagement using chatbots and virtual assistants
• Predictive analytics for early intervention

Track 5 – Future Directions in Generative AI for Education
• Large Language Models in education

- AI-driven research support and academic writing tools
- Human–AI collaboration in future learning ecosystems

Additional Information

This workshop is part of the SCITEED 2026 Special Workshop & Symposium Series. All invited speakers contributing to this theme are encouraged to propose sub-workshops, roundtable sessions, or collaborative research discussions aimed at strengthening international cooperation in digital learning sciences. Optional collaboration agreements (MoI) may also be signed during the congress.

For further information regarding this workshop or contribution opportunities, please contact: SCITEED 2026 Secretariat Email: reg@sciteed.org Website: www.sciteed.org