

Special Session Call for Papers for ICL 2026

Sept 30–Oct 02, 2026, Wasserturm Hotel, Cologne, Germany



“Special Session: Artificial Intelligence, STEM and the Digital Humanities: From AI-assisted inclusion to the ethical design of learning platforms (AIDH)”

as part of the 29th International Conference on Interactive Collaborative Learning &
55th IGIP International Conference on Engineering Pedagogy

AIDH Background and Overview

Artificial Intelligence is fundamentally changing modern education. From general education to digital competences and essential future skills, the landscape of AI in education is a dynamically evolving field. This session bridges the gap between AI-driven innovation and the preservation of the classical and digital humanities. Topics include AI integration into languages, the arts, and ethics, with a particular focus on inclusion and the psychological impact of AI on learners and educators alike. We delve into evolving AI-related projects which focus on inclusive language support of non-native speakers in the classroom, exploring storytelling approaches to grasp students’ realities, Content Language Integrated Learning, generating interactive content for classroom materials in both liberal arts and STEM education, as well as psychological and ethical risks involved in the creation of a nationwide AI-based personalized learning support system.

Join us for best practice examples and theoretical approaches to transforming classrooms into hubs of AI-enabled learning, where we apply methods from the humanities and STEM education, explore ethical frameworks and IT security-safeguarded RAG AI systems, personalized system prompts, agentic frameworks, and GUI approaches.

AIDH Topics

- AI and its Use in Education and Training
- AI and Learning Analytics in Engineering Education
- Computer aided language learning (CALL)
- Digital Transition in Education
- Flipped classrooms
- Future of Education
- Ethics and Engineering Education

- New generation of engineering students
- Project based learning (PBL)
- Teaching best practices
- Personalizing AI System for Teachers and Students
- RAG AI systems
- adapted system prompts
- Student-Centered Learning and AI
- AI and sustainability
- Flipped Classroom AI based Tools
- UNESCO AI Competency Framework
- AI Ethics and digital humanities
- Content Creation for CLIL

AIDH Special Session Chair(s)

- Alexandra Posekany (TGM, TU Wien), Austria, aposekany@tgm.ac.at
- William Sprague (HTL Salzburg), Austria, william.sprague@htl-salzburg.ac.at

AIDH Committee Member(s)

- Benedikt Brünner (Graz University of Technology), Austria, bruenner@tugraz.at
- Claudia Bruckschwaiger (HTL Salzburg), Austria, claudia.bruckschwaiger@htl-salzburg.ac.at
- William Sprague (HTL Salzburg), Austria, william.sprague@htl-salzburg.ac.at
- Alexandra Posekany (TGM), Austria, aposekany@tgm.ac.at
- Christina Merl (christinamerl.com), Austria, cm@christinamerl.com

General Information and Proceedings

Special sessions, held in parallel with the general conference, are an integral part of the conference. They provide researchers in focused areas the opportunity to meet and present their work and offer a forum for interaction among the broader community of technology-enhanced learning, and online engineering worldwide.

Special sessions papers are required to meet the same standards as papers in the general conference and are published in the same conference proceedings. Special Session papers must be submitted to STE submission server (ConfTool® Submission Server) to the respective Special Session track. Special Session papers will be reviewed by at least two members of the Special Session's Program Committee, and acceptance decisions will be made by the conference program Co-Chairs and Special Sessions Chairs. All accepted and presented papers will be published as ICL2026 Proceedings in the Springer series "Lecture Notes in Networks and Systems", which is indexed among others in Scopus and Compendex.

Important Deadlines

Submissions for the ICL2026 Special Sessions may be submitted by the following deadlines:

15 May 2026	Submission of complete Special Session Papers (no abstract stage)
15 June 2026	Notification of acceptance
15 July 2026	Camera-ready due & Author registration deadline
30 Sept 2026	ICL2026 Conference Opening