

CALL FOR PAPERS

International Conference on Information Systems Education and Research (ICISER 2026) in conjunction with ICIS 2026, 12-13 December 2026 in Lisbon, Portugal

An AIS Special Interest Group on Education (SIGED) International Conference

(held in-person and in hybrid format)

Artificial intelligence is rapidly transforming how knowledge is produced, accessed, and applied. As intelligent systems increasingly participate in cognitive tasks traditionally performed by humans, educators face fundamental questions about how students learn, how learning should be assessed, and what capabilities graduates need in an AI-augmented world. In this context, intelligent systems broadly refer to AI-enabled technologies that support or automate cognitive activities, including generative AI, intelligent tutoring systems, adaptive learning platforms, learning analytics, and decision-support tools. These technologies are becoming increasingly embedded in both educational environments and the workplaces students are preparing to enter.

The Information Systems education community is uniquely positioned to explore how education must evolve in response to these developments. The Special Interest Group on Education (SIGED) of the Association for Information Systems (AIS) brings together scholars and educators interested in advancing research in Information Systems education. SIGED has long been concerned with both educating of and with IS, reflecting the dual role of digital technologies as both subject and instrument of education. Aligned with the broader ICIS 2026 theme of digital collaboration and coexistence, the theme of this year's conference is:

Learning, Assessment, and Skills in the Age of Intelligent Systems

We encourage research that provides empirical evidence, theoretical insights, or innovative educational designs addressing the opportunities and challenges created by intelligent systems. We invite submissions that engage with the central SIGED themes of IS education and educational technologies, as well as topics aligned with this year's conference theme. While the general topics address enduring questions in IS education, the theme-related topics focus on how intelligent systems are transforming learning processes, assessment practices, and workforce preparation. Submissions are welcome across the following suggested areas:

General IS Education topics

1. IS Curriculum, Skills, and Career Preparation

Designing curricula and learning experiences that prepare students for professional roles in the evolving digital economy, including interdisciplinary competencies and emerging career pathways.

2. Pedagogical Innovation and Technology-Enabled Learning

Innovative teaching approaches in IS education, including active and experiential learning, digital learning environments, educational technologies, and intelligent learning systems.

3. Program Design and Quality Assurance in IS Education

Program governance, accreditation, curriculum evaluation, and continuous improvement of IS education programs.

Theme-related topics

1. Learning in the Age of Intelligent Systems

Intelligent technologies are increasingly becoming part of the learning process, shaping how students access information, engage with content, and develop knowledge. At the same time, a new generation of learners is entering universities with different expectations, learning behaviors, and relationships with technology. This raises important questions about how learning occurs in environments where intelligent systems increasingly support explanation, problem solving, and knowledge generation. Topics may include: (a) Learning behaviors, expectations, and needs of new generations of students, (b) Human–AI collaboration in learning and AI-supported learning environments (e.g., AI tutoring, adaptive platforms), (c) Personalization, engagement, and inclusive AI-enabled learning environments that support diverse learners, including accessibility and neurodiversity.

2. Assessment in the Age of Intelligent Systems

Generative AI and other intelligent technologies challenge traditional approaches to assessment by enabling students to generate outputs (e.g., text, code) that were previously used to demonstrate knowledge and competence. Educators must therefore reconsider how learning outcomes can be meaningfully evaluated when intelligent systems are widely available. Topics may include: (a) AI-resilient and authentic assessment methods, (b) Process-based, oral, experiential, or collaborative forms of evaluation, and (c) Academic integrity and the role of AI in assessment environments.

3. Skills for the AI-Augmented Workforce

As intelligent systems become embedded in organizations and professional practice, graduates must develop capabilities to work effectively alongside these technologies. Education plays a critical role in preparing students for workplaces where human judgment, critical thinking, and collaboration with intelligent systems are increasingly important. Topics may include: (a) AI literacy and responsible use of intelligent technologies, (b) Critical evaluation of AI-generated outputs, (c) Human–AI collaboration and emerging competencies for IS professionals, and (d) Ethical, sustainable, and inclusive design and governance of intelligent technologies, including diversity, equity, and inclusion considerations.

The above topic areas aim to advance IS education in a world where intelligent systems increasingly influence how knowledge is produced, evaluated, and applied. They encourage research that rethinks learning processes, assessment practices, and the capabilities graduates need to succeed in an AI-augmented workforce.

Paper and Submission Types

1. Completed Papers

Completed papers present original and fully developed contributions addressing topics related to IS education or the conference theme. Submissions may include empirical studies, theoretical contributions, design science research, descriptive case studies, detailed accounts of educational innovations, and well-developed discussion or position papers that offer new insights into IS education.

Guidelines

- Maximum length: **6000 words**
- Must include an **abstract (maximum 150 words)**
- References and appendices are excluded from the word count
- Papers must be **original and unpublished**

2. Short Papers

Short papers present promising research, innovative teaching practices, or emerging ideas that are not yet fully developed. These submissions are intended to encourage feedback and discussion within the community. They may include research-in-progress, early findings from ongoing projects, teaching innovations, or emerging perspectives on IS education challenges.

Guidelines

- Maximum length: **2500–4500 words**
- Must include an **abstract (maximum 150 words)**
- References and appendices are excluded from the word count
- Should clearly describe the **research motivation, research design, and expected contributions**

3. Panels and Workshops

ICISER encourages interactive panels and workshops that promote discussion and knowledge exchange in the community. These sessions explore emerging issues, share experiences and best practices in IS education, and engage participants in dialogue around current challenges and opportunities in teaching and learning.

Guidelines

- Proposals for panels or workshops should include:
 - Names and affiliations of participants,
 - A 1–2 page description of the topic and its relevance, and a brief outline of the session format and structure.
- Must include an **abstract (maximum 150 words)**
- Panels and workshops will not be included in the conference proceedings.

4. TREO Talks (Technology, Research, Education, and Opinion)

TREO Talks provide a forum for presenting early-stage ideas, emerging research directions, innovative teaching concepts, or thought-provoking perspectives related to IS education. The format is designed to stimulate discussion and allow authors to share ideas that are still evolving and not yet ready for a paper submission. TREO Talks are particularly suited for emerging research ideas, teaching experiments, or provocative perspectives intended to spark discussion within the community.

Guidelines

- Submission length: 1 page (excluding references).
- Must include an **abstract (maximum 150 words)**

All submissions are submitted as a PDF via the Submission System (see link on <https://ais-siged.org/>). **All submissions will be double-blind peer reviewed.** Decision notifications will be emailed to the corresponding author. Authors must submit a final version addressing any comments received from reviewers, including author details, by the Publication Ready Revision Deadline, and must adhere to the required formatting style and guidelines. The authors of the submitted papers are expected to serve as reviewers in the conference.

The accepted (short and completed) papers will be published in the conference proceedings if at least one author registers for the conference by the Author Registration Deadline and presents the paper during the conference. The proceedings are published in the AIS eLibrary and are assigned a unique ISBN by Bowker, the official ISBN agency for the United States. For accepted panels and workshops, all participants are expected to register for the conference by the Registration Deadline and attend the conference session. For TREO talks, at least one author must register for the conference by the Author Registration Deadline and present the paper during the conference.

Awards:

ICISER recognizes outstanding contributions to the conference through the following awards: Best Paper Award, Best Student Paper Award, and Best Reviewer Award.

Papers identified during the review process as candidates for the Best Paper and Best Student Paper awards will undergo an additional evaluation process. Papers that exceed the word limit will not be eligible for these awards. For the Best Student Paper Award, the first author must be a student. The Best Reviewer Award recognizes reviewers who demonstrate expertise, provide insightful and constructive feedback to authors, and complete high-quality reviews on time.

Journal Publication Opportunities:

Authors of selected outstanding papers may be invited to submit substantially extended versions of their research for consideration in our affiliated Information Systems Student Research Journal (ISSRJ) or a special issue of Sustainability.

Annual SIGED Business Meeting

The annual SIGED Business Meeting will take place following the paper presentations.

Important dates

Completed and Short Papers, Panels and Workshops:

- Submission deadline: August 28
- Author notification: September 25
- Publication-ready revision deadline: October 16
- Author registration deadline: October 16
- Conference date: December 12-13

TREO Talks:

- Submissions Open: September 9
- Submission deadline: September 30
- Author notification: October 6
- Publication-ready revision deadline: October 16
- Author registration deadline: October 16
- Conference date: December 12-13

For further information, please get in touch with the ICISER 2026 Conference Committee:

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For all conference updates, please follow the SIGED website: <https://ais-siged.org/>