

**The 6th International Conference on Social Sciences and Intelligence
Management (SSIM 2026)**

December 17-19, 2026, Chaoyang University of Technology, Taichung, Taiwan

Special Session on Human-Centered AI and Intelligent Learning Ecosystems

Call for Papers

Organizers: Associate Professor Nguyen Van Dung and Associate Professor Do Minh Hung

We are pleased to invite researchers, scholars, and industry practitioners to submit their original contributions to **Track 1: Human-Centered AI and Intelligent Learning Ecosystems** at SSIM 2026. This track aims to advance interdisciplinary dialogue on how Artificial Intelligence (AI) can be ethically, effectively, and sustainably integrated into educational contexts to enhance human learning, empower educators, and reshape modern learning environments.

As AI technologies continue to mature, they are shifting from purely automated tools to collaborative partners in the educational landscape. A human-centered approach ensures that the development of adaptive learning environments and intelligent tutoring systems prioritizes learner well-being, cognitive growth, and pedagogical efficacy. By leveraging educational data mining and learning analytics, researchers and practitioners can gain deeper insights into learning behaviors, optimize technology-supported pedagogy, and cultivate resilient digital learning ecosystems that promote lifelong and inclusive education.

This track provides a dynamic platform for academics, educational technologists, and industry experts to share cutting-edge research, practical insights, and innovative applications. We particularly encourage submissions that bridge theory and practice, including empirical studies, conceptual models, and case analyses that explore AI-driven educational transformation, personalized learning systems, teaching innovations, and ecosystem sustainability. Contributions addressing ethical considerations, algorithmic fairness, and the social implications of AI deployment in education are also highly welcomed.

We invite high-quality research papers, case studies, and technical reports that

contribute to the advancement of human-centered AI in education and intelligent learning systems, fostering forward-looking discussions on the future of responsible and impactful learning.

Topics of interest include but are not limited to the following:

I. Human-Centered AI & Adaptive Learning Systems

- Human-Centered AI Design in Educational Contexts
- Adaptive and Personalized Learning Environments
- Intelligent Tutoring Systems (ITS) and Automated Feedback
- AI-Collaborative Pedagogy and Teacher-AI Orchestration

II. Learning Analytics & Educational Data Mining

- Educational Data Mining (EDM) Techniques and Frameworks
- Learning Analytics Dashboards for Student and Instructor Support
- Predictive Modeling for Student Success and Retention
- Ethical Data Governance, Privacy, and Security in Education

III. Technology-Supported Pedagogy & Sustainable Ecosystems

- Innovative Technology-Supported Pedagogy and Instructional Design
- Sustainable Digital Learning Ecosystems and Lifelong Learning
- AI Literacy, Workplace Upskilling, and Digital Equity
- Empirical Research and Case Studies on AI Implementation in Schools and Universities

Submissions:

Papers should follow the template announced on the SSIM 2026 conference website <https://ssim2026.github.io/>, and be submitted via the Microsoft CMT system and then select **SUBJECT AREAS: Track 1: Human-Centered AI and Intelligent Learning Ecosystems** for submission.

Conference Proceeding Information:

Papers that are presented orally at the conference and meet the publication requirements of SSIM 2026 conference proceedings will be considered for publication in Springer conference proceedings. The primary publication plan is within Springer's Humanities and Social Sciences-related conference proceedings series. Depending on the thematic focus of accepted papers and the final publication arrangement, selected papers may also be included in a Springer Information and Computer Science / Intelligent Systems-related proceedings series, similar to the publication model adopted by SSIM 2025.

All publication arrangements are subject to Springer's final review and approval processes. Accepted papers must satisfy the academic quality standards and formatting requirements specified by both SSIM 2026 and the designated Springer publication series.

Conference proceedings published by Springer are typically submitted for indexing in major academic databases, which may include Scopus, depending on the specific series and indexing policies at the time of publication.

- **Abstract Submission Deadline:** September 10, 2026
- **Notification of Abstract Acceptance:** September 25, 2026
- **Full Paper Submission Deadline:** November 05, 2026
- **Notification of Full Paper Acceptance:** November 30, 2026
- **Camera-Ready Paper Deadline:** December 10, 2026
- **Conference Dates:** December 17-19, 2026

For more information:

Please visit the SSIM 2026 official website <https://ssim2026.github.io/> or contact the organizers of this special session as follows:

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