

**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 Emerging Technologies for Early Childhood Development
and Interactive Learning**

Call for Papers

Organizers: Dr. Stephanie Fu Yang and Dr. Hua-Huei Chiou

Brief introduction of the special session

Emerging technologies are creating new opportunities to support young children's development and enhance interactive learning experiences. Innovations such as artificial intelligence (AI), music and arts-based technologies, learning analytics, educational robotics, sensor technologies, and immersive digital environments enable more personalized assessment, engagement, and developmental support in early childhood education.

This special session aims to showcase recent research and practical applications of emerging technologies in early childhood development and interactive learning. We invite contributions that examine the design, implementation, and evaluation of technology-enhanced approaches to support children's cognitive, social-emotional, language, creative, and physical development. Particular interest will be given to AI-supported developmental assessment, music technology, multimodal learning analytics, interactive learning environments, social communication evaluation, and technology-enhanced inclusive and special education. The session seeks to foster interdisciplinary dialogue among researchers, educators, therapists, and technology developers to advance innovative and accessible learning opportunities for all young children.

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

1. AI-Supported Developmental Assessment and Learning Analytics
2. AI-Assisted Social Communication and Behavioral Evaluation
3. Educational Robotics and Interactive Learning Environments
4. Augmented Reality (AR), Virtual Reality (VR), and Immersive Learning Technologies
5. Sensor-Based Movement Analysis and Digital Developmental Frameworks for Early Childhood Education
6. Music and Arts-Based Technologies for Early Childhood Learning and Development
7. Sensor-Based Movement Analysis and Digital Developmental Frameworks
8. Technology-Enhanced Inclusive and Special Education
9. Assistive Technologies for Children with Diverse Learning Needs
10. Multimodal Learning Analytics and Intelligent Educational Systems
11. Digital Tools for Language, Literacy, and Communication Development
12. Technology-Supported Creativity, Play, and Social-Emotional Learning
13. Emerging Technologies in Early Childhood Education and Care

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 2: Emerging Technologies for Early Childhood Development and Interactive Learning 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.

Important Dates: (If SSIM extends the dates, follow those dates announced on the website)

- 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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