The 1st International Workshop on Smart Education in the Age of Generative AI (SEGA) 2025

Calgary, Alberta, Canada
August 18 - 22, 2025
Co-located with IEEE Smart World Congress 2025

CALL FOR PAPERS

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IMPORTANT DATES
Submission Deadline: May 10, 2025
Acceptance Notification: June 15, 2025
Camera-Ready: June 30, 2025

This workshop seeks to bridge innovation and responsibility in AI-enhanced education by uniting researchers, educators, and technologists. It will explore a range of Machine Learning (ML) and Artificial Intelligence (AI) methodologies—including generative AI, reinforcement learning, supervised and unsupervised learning, and user-centered design—to address challenges such as content quality, ethical alignment, and adaptive learning systems. Participants will examine strategies to optimize AI- and ML-generated educational materials, enhance human-AI interaction frameworks, and implement personalized learning pathways. Submissions employing computational, empirical, or design-based approaches are welcome. The workshop particularly encourages interdisciplinary contributions that advance both efficacy and equity in education.

Key Topics:
• Technical Challenges in AI- and ML-Driven Education
• Methodologies and Tools (e.g., RL, LLMs, supervised/unsupervised learning, user-centered design)
• Human-AI Interaction Design
• Ethical and Governance Considerations
• Case Studies and Applications

SEGA 2025 is scheduled as a hybrid meeting. For each accepted paper, one author must register and participate in the workshop. Accepted papers will be published in the IEEE SWC 2025 Proceedings (IEEE CPS).

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