

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

ORGANIZERS

General Chairs

Michael Pin-Chuan Lin

Mount Saint Vincent University, Canada

Jeeho Ryoo

Fairleigh Dickinson University, Canada

Program Chair

Marco Ho

BC Institute of Technology, Canada

Advisory Committee (in alphabetical order of last names)

Mohamed Ally

Athabasca University, Canada

Jon Dron

Athabasca University, Canada

Giancarlo Fortino

The University of Calabria, Italy

Oscar Lin

Athabasca University, Canada

Phil Winne

Simon Fraser University, Canada

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).

SPONSORS

