

Preface

Workshop on Orchestrating Human and AI Agency for Proactive and Reflective Learning (HAI-Agency 2026)

June 27, 2026 · Seoul, Republic of Korea

Co-located with the 27th International Conference on Artificial Intelligence in Education (AIED 2026)

Workshop Overview

As educational technologies evolve from reactive tools toward **proactive and agentic systems**, a central challenge is *how to increase the autonomy and initiative of artificial intelligence without diminishing learner agency or undermining teachers' professional judgment*. HAI-Agency 2026 brought together researchers and practitioners to examine how human and AI agency can be productively orchestrated in learning and teaching. The workshop foregrounded proactive and reflective learning and aimed to advance a shared research agenda spanning design methodologies, computational modeling, evaluation frameworks, and classroom integration.

Topics of Interest

- **Learning goals and pedagogical foundations**, including proactive and reflective learning, self-regulated and co-regulated learning, learner agency, engagement, motivation, and competencies for the generative AI era.
- **Interaction, intervention, and learning design**, including proactive and reflective prompts, scaffolds, learning-analytics-driven feedback, teacher-facing design, and human-centered personalized interactions.
- **Modeling and analytics** of students, teachers, contexts, human-AI interaction, learning sequences, and educational processes.
- **Evaluation and assessment**, including process-based assessment, outcome-process trade-offs, automated and collaborative assessment, and integrity-aware evaluation.
- **Agentic human-AI orchestration**, including the balance between agency and automation, negotiation and coordination, and explainable, teachable, and designable AI systems.
- **Ethics and social impact**, including safety, integrity, fairness, robustness, uncertainty calibration, governance, classroom deployment, and human-AI symbiosis.

Submissions and Review Process

The workshop received 35 submissions through an open call for papers. All submissions underwent double-blind peer review by an international Program Committee. Each submission was evaluated by at least two reviewers with respect to quality, methodological rigor, originality, relevance to the workshop theme, and attention to ethical and societal implications. Following the review process, 22 papers were accepted for presentation and inclusion in these proceedings. 8 regular papers and 14 short papers were included.

The workshop deadlines were as follows:

- Paper submission: April 28, 2026

- Acceptance notification: May 15, 2026
- Camera-ready paper: May 25, 2026
- Workshop date: June 27, 2026

Workshop Program

The half-day program opened with welcoming remarks and a keynote by Dr. Lixiang Yan of Tsinghua University, entitled “Agentivism: Rethinking Learning When AI Becomes an Agentic Teammate.” The research program was organized into two thematic sessions: Human-AI Learning Dynamics, and AI Systems for Assessment and Content Creation. The workshop concluded with a hands-on demonstration led by Dr. Patrick Ocheja and a joint discussion of future research directions for HAI-Agency.

Acknowledgments

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Program Committee

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