

Proceedings of the KDD 2026 Special Day on AI for Education

Edited by

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This volume¹ represents the proceedings of the selected papers of the KDD 2026 Special Day on AI for Education, held on August 12, 2026 in conjunction with the 32nd ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2026) in Jeju Island, Republic of Korea².

The AI for Education Special Day at KDD 2026 aims to highlight education as a compelling and impactful application domain for knowledge discovery, while surfacing the unique methodological, ethical, and practical challenges it presents. Educational settings, ranging from K-12 and higher education to on-line and workplace learning, produce rich and complex data that remain under-explored by the broader KDD community. The Special Day is designed to bring together educational researchers and data scientists from both academic and industry contexts, creating a venue for sustained cross-community exchange. By aligning advances in AI and data mining with educational theory, practice, and real-world constraints, the event seeks to foster collaborations that move beyond isolated case studies toward scalable, responsible, and impactful AI for education research. The program combined invited talks and a community round table with peer-reviewed paper presentations and a poster session.

The Special Day received 18 submissions in total, of which 6 were accepted (33%) in the research paper track and 5 were accepted (28%) in the position papers or work-in-progress track. Each paper was peer reviewed by our program committee in a double-blinded way, and decisions were made based on these reviews, as well as discussions by the Special Day organizers.

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²Event website: <https://sites.google.com/view/aiedkdd26>

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