

Keynote: A primer on artificial intelligence applications in higher education

Thursday 7 December 2023 09:15 (45 minutes)

There is growing interest in applying artificial intelligence (AI) techniques in education (AIEd) and how these applications may transform teaching and learning practices. Multi-stakeholder dialogues that include educators and learners are needed to navigate the potential benefits and challenges of AIEd and to shape the future of education. However, the fast pace of technical advances and the large corpus of existing research make it difficult to engage with the breadth and depth of the AIEd field. This talk aims to give a primer on AIEd by first presenting a replication and extension of Zawacki-Richter et al.'s (2019) systematic review of AIEd research. Key issues within AIEd will then be highlighted by considering the cases of automated essay scoring and ChatGPT. This examination of the AIEd literature provides both a broad overview and a closer look into some of the ethical and practical challenges involved in integrating AI in higher education. In line with policy efforts for the ethical use of AI, this talk encourages educators and academics to engage in interdisciplinary research and continued dialogue on how AI is designed for and implemented in educational contexts.

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Session Classification: KEYNOTE

Track Classification: AI in Education