

FALLING WALLS CIRCLE

ROUND TABLE “UNLEASHING THE POTENTIAL OF AI IN EDUCATION: SHAPING TOMORROW’S LEARNING”

Artificial Intelligence (AI) is rapidly permeating education, with intelligent tutorial systems and chatbots influencing the way we learn and process knowledge. While navigating the new technologies, we have to comprehend the implications AI will have on the future of work and the educational system. This Falling Walls Circle talks about the possible impact of data-driven and algorithm-based knowledge, evaluation, and application and discusses how we can equip the next generation to manage the opportunities and threats of AI use.

Panelists: [Diana Knodel](#) (fobizz | 101skills, DE), [Niels Pinkwart](#) (Humboldt-Universität zu Berlin, DE), [Katharina Scheiter](#) (University of Potsdam, DE), [Gergana Vladova](#) (Weizenbaum Institute, DE), and moderator [Matthias Graf von Kielmansegg](#) (Vodafone Stiftung Deutschland, DE).

KEY TAKEAWAYS

- 1. Focus on long-term gains.** "In education, AI in general is already used to assess learning outcomes, to make recommendations, to close learning gaps or to adapt learning to individual needs", says Gergana Vladova in the introductory keynote. The number of published papers on AI in teaching in higher education has increased tenfold during the last 10 years. The rapid integration of AI into education suggests a significant revolution, although its full potential may not yet be realised. It is important to keep a larger paradigm shift in mind when developing and funding new educational tools. Katharina Scheiter agrees: "It is very important that we keep up with the speed of AI". That requires a lot of resources now, but it will pay off in the long term, the experts agree.
- 2. Have a mindful approach to using AI in education.** The deployment of AI in education requires careful consideration of its implications. Collaboration among AI start-ups, regulators, universities, and educational institutions is crucial to establish frameworks, infrastructure, and guidelines for safe and effective AI integration. This involves creating communities of practice, ensuring data protection, and promoting staff development to prepare for the increasing relevance of AI in education.
- 3. Educate teachers on AI technology.** Exposing educators to AI technology seems particularly crucial. In a supportive environment, they must learn the benefits and potential impact on teaching practices. Encouraging teachers to experiment with AI tools like ChatGPT can foster motivation and facilitate the adoption of innovative solutions. However, it is essential to balance technological advancements with maintaining control over educational objectives, ensuring that AI serves as a tool to enhance learning rather than dictating educational priorities.

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