

## Call for Papers

### Algorithms' Auditorium 2026: Artificial Intelligence and Higher Education

#### Organised by

Pázmány Péter Catholic University – *Artificial Intelligence and the Human Being Research Group*, in collaboration with the Care of Creation Research Centre and the Genesis Excellence Workshop

#### Dates

25–26 November 2026 (Wednesday–Thursday)

#### Venue

**25 November 2026:** PPKE Main Building, 28 Szentkirályi Street

**26 November 2026:** PPKE Faculty of Information Technology and Bionics, Práter Street

#### Format

In-person bilingual conference (Hungarian and English)

Artificial intelligence (AI) and AI-based technologies have developed at extraordinary speed and have become increasingly accessible, bringing about changes across many areas of life, Higher Education included. Their effective and responsible application is particularly important in higher education, one of whose central aims is to promote social well-being and enhance the quality of human life. Organised by the *Artificial Intelligence and the Human Being* Research Group at Pázmány Péter Catholic University, together with the Care of Creation Research Centre and the Genesis Excellence Workshop, this conference addresses some of the most pressing current questions in the field, proceeding from the conviction that the use of AI should serve the improvement of human life.

The conference seeks to provide a forum for researchers, educators, and sector stakeholders engaged in the integration of artificial intelligence into higher education. It aims to foster the exchange of experience, encourage professional dialogue, and support the development of new and innovative approaches.

#### Conference themes

The conference welcomes a broad range of contributions and encourages interdisciplinary perspectives, with particular emphasis on the human-centred application of generative AI. We invite proposals for **15-minute presentations** addressing, but not limited to, the following themes:

- **International regulatory environments**

How can higher education institutions adapt to international legal and ethical norms? How should we understand the relationship between AI regulation and guidance?

- **Data security and cybersecurity; AI in support of strategic and defence operations**

How can institutions strengthen their data protection strategies as they integrate AI technologies?

- **Ethical questions**

What moral responsibility does higher education bear in the use of AI? How can AI be employed while safeguarding academic integrity? How can such systems be made sustainable? How can the digital divide be mitigated? What might transparency mean in the context of higher education? What ethical risks are associated with automation?

- **Legal challenges**

What legal frameworks are needed to ensure that AI can be applied in ways that protect personal data and guarantee legal certainty?

- **Theological and philosophical reflections**

What role does a human-centred value system play in the application of AI in higher education? How should the relationship between AI and the human person be understood? What does a Catholic perspective on AI contribute to these debates? How do Asia and Europe differ in their approaches to AI, and what are the roots of these differences? Is AI best understood as a tool, an algorithmic aide, an assistant, or even a companion?

- **New creativity**

How is artificial intelligence reshaping our understanding of creativity? Where should the boundary between human and machine creation be drawn? Are notions of authorship, originality, and authenticity being transformed? What social, economic, and cultural consequences follow from automated creativity? Does AI offer a new source of inspiration, or does it risk cultural homogenisation? What new competences will future creators and cultural actors require?

- **Pedagogical innovations**

How can AI reshape teaching methods, and how might it improve learning outcomes? What risks arise from its misuse, and how can these be avoided? In what learning situations, and in what ways, can AI be used? Can it, for example, enhance motivation? What questions does AI raise for the assessment of student work? How to avoid risks, such as losing motivation, avoidance of cognitive struggle, and unnecessary cognitive offloading.

- **Research**

How does AI affect research, publication, data collection, and data processing? What disciplinary differences can be observed in patterns of AI use?

- **Technological perspectives; robotics**

What concrete technological solutions are currently available, and how can they be applied in practice? How are robotics and AI transforming traditional models of teaching and learning? What role might intelligent robots play in personalised education and in the development of inclusive learning environments? As robotics requires new skills, how is the role of education changing with respect to creativity, problem-solving, and collaboration? Where do the ethical and pedagogical boundaries lie between the human teaching role and automated educational systems?

## **Target audience**

The conference will be of particular interest to leaders in higher education, technology companies, and researchers seeking ways in which artificial intelligence can support the development of higher education and its social mission effectively and sustainably. The conference places particular emphasis on supporting early-career researchers and welcomes submissions from doctoral candidates. For doctoral candidates, the conference will award the prizes for the “Most Promising Research” and “Best Presenter.”

## The role of technology companies

The conference places particular emphasis on the participation of technology companies, since innovations developed by industry actors are crucial to the effective introduction of AI solutions accessible to universities. For companies, the event offers an opportunity to present their solutions and to establish direct links with higher education institutions and researchers.

## Publication opportunity

The organisers plan to publish selected studies based on papers presented at the conference. Submitted manuscripts will appear, following a double review process, in a bilingual volume prepared by the research group and scheduled for publication in 2027.

## Conference fee

**HUF 15,000**

The fee includes conference participation, buffet lunch and coffee, a registration package, and the publication fee.

## Important dates

- **Submission of title and abstract:** 30 June 2026  
**Email:** [aa26@ppke.hu](mailto:aa26@ppke.hu)
- **Notification of acceptance:** 15 July 2026
- **Payment of registration fee:** 25 October 2026
- **Registration platform:** <https://forms.cloud.microsoft/e/Oe7ggjkMD6>
- **Submission of manuscripts:** 31 March 2027
- **Reviews returned to authors:** 15 May 2027
- **Submission of revised manuscripts:** 30 June 2027
- **Publication of the volume:** October 2027

The volume will be launched at the AA27 conference.

## Contact

Enquiries concerning the conference may be sent to: [aa26@ppke.hu](mailto:aa26@ppke.hu)