

# PUBLIC LECTURE

## 10TH INTERNATIONAL INTERDISCIPLINARY CONFERENCE ABOUT SPECIAL TREATMENT

(24-25-26 April 2025.)



### DR. FERENC MEZŐ (PHD)

Eszterházy Károly Catholic University, Eger (Hungary)

E-mail address: [feremnc.mezo1@gmail.com](mailto:feremnc.mezo1@gmail.com)

**Dr. Ferenc Mező** is a psychologist, psychology educator, and associate professor. He has authored over 300 scientific publications, including independent and co-authored books, monographs, and articles published in national and international journals. He is the developer of learning enhancement based on the **OxIPO model** and the founding editor-in-chief of the journals *Különleges Bánásmód* (Special Treatment), *OxIPO Journal*, *Artificial Intelligence Journal*, and *Psychology and Warfare Journal*. He is also the founder of the *International Learning Research Network (ILEARN)*.

His current research focuses on the **OxIPO project**, an initiative aimed at enhancing human information processing efficiency. The project extends into various interdisciplinary fields, including neurobiology, learning theories and models, learning methods and abilities, personality development, and artificial intelligence.

Title of the presentation

### EDUCATIONAL IMPLICATIONS OF ARTIFICIAL PSYCHOLOGY: ACTION PROPOSALS BY THE INTERNATIONAL LEARNING RESEARCH NETWORK (ILEARN)

Artificial psychology is a term for the psychological research of artificial intelligence (AI). The background of artificial psychology is the observation that the better we can simulate human intelligence through artificial intelligence, the more probably the manifestation of the cognitive, behavioral, and possibly (simulated) emotional phenomena and problems (quasi psychological symptoms). Given that using of artificial intelligence (e.g. educational robots, chatbots, etc., using



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text, image and sound generators) also appears in the teaching of students who need special treatment nowadays, it is useful to overview the possibilities of the safe and practical use of AI. From the viewpoint of pedagogical use of AI, the next questions can be the focus of the examinations of artificial psychology: 1) How can we guarantee the bodily and psychological safety of students during AI use for education and personality development? 2) How can we use AI in the most practical and economical way for the aims of education from the aspects of artificial and work psychology? 3) How can we create really useful AI for education from the psychological viewpoint? 4) What are the minimal necessary ethical and rights regulations about educational AIs and their psychological research and development? 6) What is the optimal division of labor among students, teachers and AIs from the aspects of nurturing and education? 7) How will the roles of students and teachers change if we use AI in education? 8) How can we educate teachers and students in connection with creating and using AI? 9) How can we form the potential users' positive attitudes about AI in education?

### **Venue of the lecture:**

**University of Debrecen, Faculty of Education for Children and  
Special Educational Needs, Conference Hall**

(1-9 Désány str., Hajdúböszörmény)

### **Date of the lecture:**

**10.00-10.45., 26.04.2025.**

**The lecture is open to everyone and free to attend!**



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