

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty	Faculty of Informatics
Procedure field	Informatics
Applicant	RNDr. Vít Musil, Ph. D.
Lecture date	22 September 2026, 2.30 PM
Lecture topic	Bridging Continuous Learning and Discrete Optimisation in Artificial Intelligence
Persons present (number)	64
Designated evaluators (board members)	prof. Dr. rer. nat. RNDr. Mgr. Bc. Jan Křetínský, Ph.D., FI MU Assoc. Prof. Ashutosh Trivedi, University of Colorado Boulder Prof. Christoph Lampert, ISTA

The lecture was held in a hybrid format.

The lecture was held on a topic combining two complex mathematical methodologies of (1) machine learning in the usual continuous setting and (2) discrete constraints and algorithms. The lecture presented the topic in a very digestible way for the general audience and was rich on intuition and illustrations, demonstrating applicant's pedagogical skills. At the same time, the scientific context, connections of the metaphors to mathematical techniques, or actual applications illustrated via specific realistic examples could have been addressed in more detail. While some parts could thus have been less superficial, the committee agrees that this teaching-oriented talk was well worked out, including the slides support and the lecturing itself. The slight change in the title of the talk has been clarified as a matter of making it more understandable and not diverging in any way from the original topic.

Conclusion

The lecture delivered by RNDr. Vít Musil, Ph. D., entitled *Bridging Continuous Learning and Discrete Optimisation in Artificial Intelligence* and delivered as part of the habilitation appointment procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a habilitation procedure in the field of Informatics.

Date: 22 September 2026

prof. Dr. rer. nat. RNDr. Mgr. Bc. Jan Křetínský, Ph.D., FI MU

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