

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty	Faculty of Informatics
Procedure field	Informatics
Applicant	RNDr. Martin Komenda, Ph.D., MBA
Lecture date	March 25, 2025
Lecture topic	A data-driven approach in medical education and healthcare in practice
Persons present (number)	46
Designated evaluators (board members)	prof. RNDr. Jan Strejček, Ph.D. doc. RNDr. Tomáš Brázdil, Ph.D., MBA prof. RNDr. Tomáš Skopal, Ph.D. doc. Mgr. Tomáš Vinař, PhD.

At the beginning of the public habilitation lecture, Martin Komenda mentioned his current affiliations. In the first part of the talk, the candidate introduced MEFANET (Medical Faculties Network) and the systems he helped to build for medical and healthcare education, namely OPTIMED for standardized curriculum management and its successor SIMUportfolio. The talk continued with methodology for medical and health curriculum mapping, list of research projects and partners. The second part of the talk was focused on the National Health Information System, some of its components, the national methodology of data sharing for health data, list of research projects and stakeholders. The candidate also briefly presented the Health data guide and the project Synthetic health data. The talk was closed with future visions of the candidate. After the talk, the candidate reacted to the questions from the audience and by board members.

The lecture provided a high-level overview of a complex problem related to large and complex medical data and demonstrated his high competence in this area. Unfortunately, the talk did not provide sufficient technical challenges and solutions relevant to the computer science audience. Also, the individual technical contribution of the candidate was not clearly identified. The questions from the audience directed at technical content of the lecture were not addressed satisfactorily. The talk was given in average English. Despite this criticism, the present habilitation board members decided to support the following conclusion.

Conclusion

The lecture delivered by Martin Komenda, entitled “A data-driven approach in medical education and healthcare in practice” and delivered as part of the habilitation procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a habilitation procedure in the field of Informatics.

Date: March 25, 2025

prof. RNDr. Jan Strejček, Ph.D.

doc. RNDr. Tomáš Brázdil, Ph.D., MBA

prof. RNDr. Tomáš Skopal, Ph.D.

doc. Mgr. Tomáš Vinař, PhD.