MUNI

Annex No. 11 to the MU Directive on Habilitation Procedures and Professor Appointment Procedures

PUBLIC LECTURE EVALUATION

Masaryk University	
Faculty	Faculty of Science
Procedure field	Geology
Applicant	Mgr. Tomáš Kumpan, Ph.D.
Lecture date	5.11.2026
Lecture topic	Geochemical composition of limestones as a record of vanished seas
Persons present (number)	45 on site, 9 on-line.....
Designated evaluators (board members)	prof. RNDr. Jaromír Leichmann, Dr. rer. nat. Prof RNDr Slavomír Nehyba PhD Prof RNDr Oldřich Fatka DSc, DsC

[Evaluation text]

The lecture was held in English and in hybrid form. Three members of the committee were present online. A total of 45 people were present on site, 9 were online. The lecture lasted 45 minutes and the applicant introduced the audience to the methods, especially biostratigraphic and geochemical, that he uses in his research. This was followed by an overview of the countries in which the applicant worked. From a wide range of results, he focused on the research of the Devonian/Carboniferous boundary. He focused on extinction and climate change – the Hangerberg crisis – in this period. He described the advantages and limits of biostratigraphic and geochemical methods for the study of the D/C boundary.

In the ensuing discussion, the following questions were raised:

1)Significance of mercury for the presence of volcanism,

2)Regional extent of Hg anomaly? Reasons?,

3) Position of phosphatic hardground?

4) Isotopic anomalies of organic carbon in the Hangeberg crisis,

5) Mo and U enrichment factors in very pure limestones

At the end, the applicant answer extensively the questions of three opponents. The answers were prepared in the form of a presentation. The members of the committee were satisfied with the responses to the opponents' questions.

Conclusion

The lecture delivered by Mgr. Tomáš Kumpan, Ph.D., entitled Geochemical composition of limestones as a record of vanished seas 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 Geology.

The lecture took place in a hybrid form] at 16:00. The above-mentioned members of the board attended the lecture and provided its evaluation. All designated evaluators are familiar with the text of the evaluation and agree with it.

Date: 5.11.2026

Jaromír Leichmann

Slavomír Nehyba

Oldřich Fatka