

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty	Faculty of Science
Procedure field	Physical Geography
Applicant	Assoc. Prof. Daniel Nývlt, PhD
Lecture date	27 April 2026
Lecture topic	Postglacial climatic and environmental evolution of James Ross Archipelago, Eastern Antarctic Peninsula based on deglaciation chronologies and palaeolimnological records
Persons present (number)	49 (31 on site, 18 online)
Designated evaluators (board members)	prof. RNDr. Petr Dobrovolný, CSc. (on-site) prof. Mgr. Ondřej Bábek, Dr. (on-site) prof. RNDr. Tomáš Pánek, Ph.D (on- site)

Daniel Nývlt presented a lecture dealing with his long-term research focusing on Holocene landscape evolution in marginal part of Antarctica on James Ross Archipelago. In his introduction, the candidate clearly illustrated how these research activities relate to the development of the J. G. Mendel Czech Antarctic Station and to the support of the Czech Antarctic Research Programme, which the applicant is leading since 2017.

During the presentation the candidate's focus on combining geomorphological, sedimentological, geochronological, palaeoclimatological and palaeoecological approaches has been convincingly manifested. These approaches were demonstrated using a number of examples drawn from numerous research articles that Daniel Nývlt has published in collaboration with his students, postdocs and colleagues.

In his lecture, the candidate highlighted several times how the combination of deglaciation chronologies with lacustrine proxy-records has brought a more complex view of the Holocene evolution of one of the largest deglaciated regions in Antarctica. The lecture has clearly demonstrated a complex holistic approach of the applicant with numerous overlaps outside the classical field of Physical Geography.

Daniel Nývlt's public lecture was attended by a number of colleagues, students, and co-workers from the institutions with which Daniel Nývlt collaborates. The lively discussion that followed focused on experiences from polar expeditions, methodological research issues, and the unique role of the Antarctic Peninsula's environment in improving our understanding various mechanisms of current global climate change.

Conclusion

The lecture delivered by Daniel Nývlt, entitled “Postglacial climatic and environmental evolution of James Ross Archipelago, Eastern Antarctic Peninsula based on deglaciation chronologies and palaeolimnological records” and delivered as part of the professor appointment procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a professor appointment procedure in the field of Physical Geography.

The lecture took place in a hybrid form at 11.00 a.m. 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: 27 April 2026

Petr Dobrovolný

Ondřej Bábek

Tomáš Pánek