



ODDĚLENÍ LOGIKY / FILOSOFICKÝ ÚSTAV AV ČR  
DEPARTMENT OF LOGIC / INSTITUTE OF PHILOSOPHY CAS

# SEMINÁŘ LOGIKY SEMINAR OF LOGIC



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## **Towards the Categorical Semantics of the Minimalist Foundation**

The Minimalist Foundation, first conceived by M. E. Maietti and G. Sambin and then fully formalised by Maietti, was introduced to serve as a common core among the plurality of foundations for mathematics. In this talk, I will first revisit its most important properties and design choices. Then, I will recall through a series of examples how the language of category theory can provide useful semantics for many logical and type-theoretical calculi. Finally, I will discuss a joint work in progress with Maietti in search of the categorical semantics of the Minimalist Foundation.

**Thursday 16/1/2025 | 14.00 CET**

Meeting room („zasedačka“), Institute of Philosophy CAS, Jilská 1, Prague 1