



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

# SEMINÁŘ LOGIKY SEMINAR OF LOGIC



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## Arbitrary Collections A Matter of Logic?

There is a long tradition of incorporating arbitrary collections into logic, by assuming that the 'standard' semantics of second-order logic comprises the full powerset of the domain. Similar ideas have been recently incorporated into plural logic. However, we will argue that such notions do not properly belong in logic strictly understood, originating as they do in the Cantor-Dedekind conception of the continuum. A proper understanding of second-order logic should thus be restricted.

**Thursday 21/11/2024 | 14.00 CET**

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