

Seminars of the Department of Logic

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## **Composition of deductions within the propositions as types paradigm**

Abstract: Kosta Došen argued in his papers *Inferential Semantics* (2015) and *On the Paths of Categories* (2016) that the propositions as types paradigm is less suited for general proof theory because – unlike proof theory based on category theory – it makes prominent (categorical) proofs over (hypothetical) inferences. One specific instance of this, Došen points out, is that the Curry-Howard isomorphism makes the associativity of deduction composition invisible. We will argue that this is not necessarily the case.

**Thursday, February 21 at 2 p.m., meeting room (124a)**

**at the Institute of Philosophy, CAS (Jilská 1, Prague 1)**