

Ústav filosofie a religionistiky FF UK a Oddělení logiky FLÚ AV ČR  
si vás v rámci

## LOGICKO-FILOSOFICKÉHO SEMINÁŘE

dovolují pozvat na přednášku

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# Categories, types, and logical syntax

By logical syntax I understand the conception of how the propositions or judgements in a system of logic are put together from their elements. The history of logic knows mainly two such conceptions. In traditional, Aristotelian, logic a judgement combines two terms---the matter of the judgement---by means of various form-elements, such as a copula and a quantifier: `some Horses are White', `all Men are Risible'. In modern, Fregean, logic a proposition is composed of a function applied to a suitable number of arguments; here there is thus no distinction between form and matter.

In this talk I wish to use logical syntax to compare the categories of Aristotle, the categories of Kant, and the types of Fregean logic (object, unary function of objects, etc.). What fall under Aristotle's categories are the terms of judgements of syllogistics. Kant's categories, by contrast, are closely related to the forms of such judgements. These two category schemes are therefore in a sense complementary. A hierarchy of types is just a hierarchy of the elements out of which the propositions of modern logic are composed (or, if one prefers, a hierarchy of the objectual counterparts of these elements).

Přednáška se koná **v pondělí 27. dubna od 16:00** v Akademickém konferenčním centru FLÚ AV ČR, Husova 4a, Praha 1.