



*The Institute of Philosophy of the Czech Academy of Sciences welcomes applications for two full-time postdoc positions. The two postdocs will work within a project led by Ansten Klev on type theory and the philosophy of mathematics. The main aim of the project is to develop a philosophy of mathematics for Martin-Löf type theory. The postdocs will pursue research programmes of their own that in some way contribute to this overall aim.*

## POSTDOCTORAL POSITIONS

**Both positions last for 30 months and will start in January 2021.**

In the first part of this 5-year project emphasis will be placed on developing an inferentialist meaning theory for mathematical language. We are especially looking for researchers who fit at least one of the following descriptions:

1. You are well acquainted with inferentialism in at least one of its incarnations (proof-theoretic semantics, the Brandom tradition), and you are interested in extending the programme to the language of mathematics. If you are not already familiar with Martin-Löf type theory, you are willing to learn the basics of the system after arriving in Prague.
2. You are well acquainted with the technical aspects of Martin-Löf type theory and are familiar with Martin-Löf's meaning explanations. You might even know some homotopy type theory and have thought about how the meaning explanations fare within that or other extensions of Martin-Löf type theory.

A more detailed description of the project is available upon request from Ansten Klev:

[klev@flu.cas.cz](mailto:klev@flu.cas.cz).

**The deadline for applying is October 15.** Applications should be sent to Olga Bažantová, [bazantova@flu.cas.cz](mailto:bazantova@flu.cas.cz). The application should consist of a CV and a brief (1-2 pages) description of the research the applicant plans to carry out while in Prague.

**The monthly gross salary of CZK 43 200** is just above the current Prague average and well above the Czech average. Year-end bonus and meal vouchers come in addition. The project also provides money for travel and for inviting guest speakers.

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