

MSCA POSTDOCTORAL FELLOWSHIP

AT PALACKÝ UNIVERSITY OLOMOUC

SUPERVISOR

Dr. Lukáš Hadwiger Zámečník focuses on the **philosophy of science** in the tradition of analytic philosophy – he has published a book on the topic, *Outline of the Philosophy of Science: Empirical Foundations of Science in the Analytic Tradition* (Brno, Host 2015) and a number of research papers. Among his central research themes is the **philosophy of scientific explanations**, explored comparatively in the natural sciences and the social sciences and humanities – **linguistic explanations** are the subject of his book *Investigations of Explanatory Strategies in Linguistics* (Berlin, De Gruyter Mouton 2023). Another key topic that he is working on together with colleagues associated in the ScioPolisCZ project is the relationship between **philosophy and sociology of science in the context of science studies** – he has published an introduction to scientific reflections entitled *Theory of the Humanities* (Olomouc, VUP 2023).

PREFERRED RESEARCH TOPICS

- Philosophy of Science in the Analytic Tradition
- Philosophy of Scientific Explanation
- Models of non-causal scientific explanations
- Models of explanation in linguistics and other Humanities
- Models of explanation in Artificial Intelligence (AI)
- Science and Technology Studies (STS)
- Role of Philosophy of Science in STS
- Role of Data Science and Digital Humanities in STS

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The **Department of General Linguistics** of the Faculty of Arts of UP **interlinks research in the humanities and natural sciences** through the application of linguistic methods. Its research activities focus on topics in the field of semiotics, communication theory and the use of mathematical methods in linguistics. Currently, research and teaching in the department are focused on the following four main areas: **quantitative linguistics & Digital Humanities, semiotics & biosemiotics, philosophy of science and communication theory**. Philosophy of Science serves as a platform for conceptual analysis of the used methods (Quantitative Linguistics, Digital Humanities) and theories (Semiotics, Biosemiotics, Communication Theory). The focus is on **models of explanation in linguistics** (functional explanation) and **artificial intelligence** (topological explanation). We also focus on more general topics in the philosophy of science that go beyond linguistics (e. g. the use of simplifying assumptions in non-causal explanations).

CANDIDATE REQUIREMENTS

- Ph.D. in philosophy, linguistics or AI
- Orientation to philosophy of science or other disciplines associated with STS
- Publications in the field
- Previous involvement in projects, independent projects
- Study abroad

Potential candidates need to have held a doctoral degree (Ph.D.) for **no longer than 8 years** (except for career breaks) and have **not resided in the Czechia for more than 12 months** during the **last 3 years**, at submission.

Submit the following to lukas.zamecnik@upol.cz by **April 15, 2026**: a **research outline** (research objectives, novelty, methodology, state of the art), and your **CV** with **most relevant publications**.

ONE
PROPOSAL,
TWO
CHANCES TO
GET FUNDED!

1
MSCA Funding
score > 96 %

2
ERA Fellowship
score > 95 %
Funding chance for
applying at the
Widening country
(Czechia)

For more information, see these **websites**:



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