

AI in Research: Ethical Considerations, Use Cases, and Practical Implementations

Objective

- Participants will be able to use LLMs strategically across central steps of the academic writing and research process.
- Participants will be able to apply the principles of good scientific practice when working with LLMs and manage key risks associated with their use.
- Participants will be able to identify the principal ethical issues raised by LLM use in research and reconstruct the key arguments involved.

Description

The first part of the workshop focuses on effective use of LLMs across key stages of academic research:

- Literature research
- Hypothesis development
- Analysis
- Support with phrasing
- Feedback generation

Through hands-on exercises, participants learn how these tools can lead to impressive results, while also learning about their various limitations.

In addition to these technical aspects, we also discuss principles of good scientific practice when working with LLMs and how to manage key risks associated with the use of LLMs.

The second part shifts focus to the ethics of using LLMs, from concerns close to the individual researcher (such as skill loss) to wider societal effects. We identify the issues that matter most and reconstruct the key arguments on each side.

Overall, this workshop aims to provide researchers with a clear, well-founded, and practice-oriented basis for using AI responsibly and effectively in their day-to-day work.

Methodology

- Theoretical input
- Trainer-led computer exercises
- Partner and group activities
- Full-group discussion

Conditions

Participants should have access to at least one LLM.

Trainer



Dr. Daniel Friedrich
Impulsplus, Berlin

Daniel Friedrich is a project and knowledge management trainer.

He previously worked as a data scientist at eduki.com. Daniel worked as a postdoc at the HU-Berlin after earning his PhD in Philosophy from the Australian National University. He was educated at the FU-Berlin, the University of Heidelberg and the University of Oxford. Daniel has published on philosophy of mind, metaethics and applied ethics.

Organizational Information

Language / Format	English / Online
Target group	Doctoral Candidates at all stages and Postdocs (R2/R3) from all faculties
Date	Friday, 12 February 2027, 9:00 – 17:00
Registration	For registration click here