
MONDAY

Scientific Writing in times of Generative AI and the core of scientific disciplines

with Dr. Deniz Sarikaya

On Monday afternoon, **Deniz Sarikaya** (Ethical Innovation Hub, University of Lübeck) will open the week by discussing scientific writing in times of generative AI. The session is deliberately modular. Your own questions and concerns drive this session.

Generative Artificial Intelligence is already changing the research landscape and the way we write academically. At the same time, the norms, rules, and legal frameworks surrounding its use are still being negotiated. In this situation, it can be difficult to develop one's own position towards these tools. Do we now need to produce as much as possible with AI in order to keep up? Or might extensive use of AI later be regarded critically? In this workshop, we will take a step back and explore some of the fundamental questions surrounding AI in academia. The workshop is deliberately modular and will also be shaped by your own questions and concerns. Possible topics include:

- Narratives about AI: Between scientific evidence and marketing: how much can we trust the claims and outputs of AI companies?
- A brief introduction to the philosophy of technology: How can philosophical perspectives help us think about AI beyond questions of efficiency and performance?
- An Overview of guidelines from the University of Lübeck (and others)
- AI, authorship, and Good Scientific Practice: What does it mean to be the author of a scientific text when generative AI is involved?
- AI and the research landscape: Could widespread use of similar tools lead to greater homogenisation of scientific writing, methods, or even research questions?
- Different disciplinary cultures: How might the role of AI differ between empirical sciences, the humanities, and other disciplinary traditions?
- Transparency and responsibility: When and how should the use of AI in research and writing be disclosed?
- Reading, thinking, and writing with AI: Which parts of the scientific process should we delegate to tools and which might be important to retain as intellectual practices?
- Developing your own position: How can researchers make informed decisions about AI use when institutional guidelines and disciplinary norms are still evolving?

Together, we will decide which of these questions we want to explore in more depth or whether there are other issues that are more relevant to the group. The workshop is therefore less an introduction to specific AI tools than a space for reflection, discussion, and experimentation in relation to Good Scientific Practice. Underlying these discussions is a more fundamental question: What is at the core of your scientific discipline and what should remain at its core in an age of generative AI?

On Thursday afternoon, Deniz will return for a closing reflection that will pick up the threads from Monday.