SEMINAR ANNOUNCEMENT

Thursday October 16, 2025
at 03:00 pm
Room "Sala Seminari" - Abacus Building (U14)

Meeting link:
https://unimib.webex.com/unimib/j.php?MTID=me6dc74b4730d4de57a7e17a493f46523
Meeting number (access code): 2742 588 9074
Meeting password: 3m5bJF2Ufpw (36525328 when dialing from a phone)

Reasoning Machines? Cognitive Risks and Legal Duties in Generative AI

Speaker
Philipp Kellmeyer

Junior-professor for Responsible AI and Digital Health at the University of Mannheim, School of Business Informatics and Mathematics.

Neurologist and research group leader at the University Medical Center Freiburg, Department of Neurosurgery

Abstract

What happens when advanced large language models (LLMs) appear to "reason", but do so in strange, unpredictable ways? This interactive seminar invites law students, computer scientists, and ethicists to explore cognitive reasoning in LLMs, assess real-world risks (e.g., in health communication), and debate the legal and technical implications of explainability, fairness, and transparency. Through cross-disciplinary case studies and guided discussion, we will build a shared vocabulary for responsible AI governance in this sensitive domain of AI governance and regulation

Short Bio

Philipp Kellmeyer is Junior-professor for Responsible AI and Digital Health in the Data and Web Science Group at the School of Business Informatics and Mathematics at the University of Mannheim. He is also a clinical neurologist and heads the Human-Technology Interaction Lab at the Department of Neurosurgery of the University Medical Center Freiburg.

He is a scientific member of the Center BrainLinks-BrainTools at the University of Freiburg and a member of the Board of Directors of the International Neuroethics Society (INS).

Furthermore, he co-leads Nexus Experiments, a platform that designs and curates participatory science outreach projects and events at the interface of science and art to foster public dialogue on the ethical and societal implications of technoscientific research.

His research interests are neurology, cognitive neuroscience, neurotechnology, neuroethics and AI ethics, human-technology interaction in medicine, and XR technologies.

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