

Postdoctoral Researcher in Psychology / Human–AI Interaction (m/f/d)

**Full-time position (1-2 years) • Preferred start: September 2026 • University of Bonn
• ERC-funded project LLMpathy**

The Data Science Lab of Prof. Dr. Lucie Flek at the University of Bonn invites applications for a senior postdoctoral researcher to join the ERC-funded project LLMpathy. The project investigates how psychological traits, values, and social reasoning shape interactions with conversational AI systems such as large language models (LLMs).

This position focuses on the psychological and human-subject research within the project.

Your Role

- Design and conduct psychological studies and human–AI interaction experiments
- Develop and evaluate measures related to personality, values, empathy, trust, and social behavior
- Support longitudinal data collection and ensure data quality, reliability, and validity
- Analyze behavioral and questionnaire data using quantitative methods
- Collaborate with AI researchers on the evaluation of AI systems
- Co-lead the project, mentor PhD students and contribute to international publications

Your Profile

- PhD in psychology, cognitive science, HCI, computational social science, or a related field
- Experience with psychological experiments or human-subject research (e.g. panels)
- Experience analyzing behavioral or longitudinal data, quantitative research skills (e.g. IRT, statistical cause-effect analyses) are a plus
- Interest in human–AI interaction and interdisciplinary research
- Strong English writing skills and publication experience

We do not expect you to be a machine learning engineer for this position. We are explicitly looking for researchers with strong expertise in psychological methods and human research who are interested in collaborating in an interdisciplinary AI environment.

Research Environment

The position is embedded in the Lamarr Institute for Machine Learning and Artificial Intelligence and offers close collaboration with researchers in psychology, HCI, AI safety, and NLP.

Application

Please submit a CV, motivation letter, short research summary, and optional referee names to flek@bit.uni-bonn.de. **Applications will be reviewed on a rolling basis until the position is filled. First application round deadline is May 31.**