As one of the few selected Universities of Excellence in Germany, University of Bonn already has a strong focus on all aspects of Artificial Intelligence, with research in machine learning, semantic modeling, robotics, and computer vision all the way to neuroscience and ethical foundations. As part of our strategic push into AI, the Institute of Computer Science is now inviting applications for a tenured and excellently equipped

## Full Professorship (W3) in
## Artificial Intelligence and Machine Learning

as a strategic flagship part of our

## Lamarr Institute for Machine Learning and Artificial Intelligence

The Lamarr Institute brings together all AI activities of University of Bonn and its founding partners with significant growth based on permanent institutional funding as part of Germany's national AI excellence initiative.

Applicants are expected to have demonstrated internationally outstanding research in one or more relevant subfields of Artificial Intelligence with a strong focus on Machine Learning, if possible related to one or more of the five major research areas of the Lamarr Institute:

- Resource-Aware ML: Optimize algorithms for available resources and new architectures
- Trustworthy AI: Make AI ethical, reliable, understandable, and certifiable
- Hybrid ML: Combine data and knowledge in ML algorithms
- Human-Centered Systems: Exploit human interaction contexts when learning from data
- Embodied AI: Build ML algorithms that work in physical and autonomous systems

The professorship will be appointed as tenured full professor (W3) within the Institute of Computer Science. Dual-career appointments are possible for suitable candidates.

The successful applicant represents the area in research and teaches within the programs of study at the Institute of Computer Science of University of Bonn. Demonstrated teaching skills are required, German language skills are not required up front. The successful applicant will also be involved in a new degree program in AI currently being developed.

Besides integration into the Lamarr Institute, involvement with other major activities such as the excellence clusters PhenoRob, ImmunoSensation2, ML4Q and HCM and the transdisciplinary research areas of University of Bonn is possible.

In addition to close cooperation within our partner institutions, we expect the capability of positioning the Lamarr Institute towards society and industry and willingness to contribute to the institute's strategic responsibilities. The acquisition of third-party research funds and participation in and contribution to joint grant activities in computer science are requested.

Formal requirements are defined by § 36 of the Higher Education Act of North Rhine-Westphalia (Hochschulgesetz Nordrhein-Westfalen).

University of Bonn actively supports diversity and equal opportunities. We are a certified family-friendly university and offer a dual career service. Our aim is to increase the proportion of women in those fields in which women are underrepresented and to place a special focus on promoting their careers. Therefore, the university specifically encourages applications from suitably qualified women. Applications will be handled in accordance with the Equal Opportunities Act of North Rhine-Westphalia. Applications from suitably qualified people with severe disabilities that have already been verified or from people with an equivalent status are particularly welcome.

Please submit your application, including cover letter, curriculum vitae, list of publications, selected publications, research plan, teaching concept, and copies of degree certificates on our platform: https://berufungsportal.uni-bonn.de until 31.03.2025.  Further information about the position is also available from Prof. Dr. Stefan Wrobel (Bonn Director of the Lamarr Institute, wrobel@cs.uni-bonn.de).