Professorship (W3) for learning technical systems

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Application deadline 2022-02-28
Full-time position
Ruhr-Universität Bochum
Bochum Allow google media and show on map

RUHR-UNIVERSITÄT BOCHUM

Ruhr-Universität Bochum (RUB) is one of Germany’s leading research universities, addressing the whole range of academic disciplines. A highly dynamic setting enables researchers and students to work across the traditional boundaries of academic subjects and faculties. To create knowledge networks within and beyond the university is RUB’s declared aim.

W3 PROFESSORSHIP FOR LEARNING TECHNICAL SYSTEMS

The Faculty of Electrical Engineering and Information Technology at the Ruhr-Universität Bochum seeks to fill a W3 Professorship in Learning Technical Systems as soon as possible.

It is expected that the candidate is scientifically active in at least one of the main research areas
- Model-based machine learning
- Learning systems in safety-critical applications
- Reliable and resilient learning systems
- Distributed learning, Federated Learning
- Autonomous decision making

with connections to other research areas inside the Faculty or University.

Positive evaluation as a junior professor or equivalent academic achievement and evidence of special aptitude are just as much required as the willingness to participate in the self-governing bodies of the Ruhr-Universität Bochum and to generally get involved in university processes according to Ruhr-Universität Bochum’s mission statement.

Furthermore, we expect:
- International visibility through publications and projects as well as willingness and proven ability to attract significant third-party funded research projects;
- readiness to participate in interdisciplinary research, as well as the willingness and ability to lead and participate in large collaborative projects;
- strong commitment to teaching. Teaching assignments include compulsory lectures in the Bachelor’s and Master’s degree programs. It is expected, that the candidate actively participates in selected main study areas of the faculty.

The Ruhr-Universität Bochum stands for diversity and equal opportunities. For this reason, we favour a working environment composed of heterogeneous teams, and seek to promote the careers of individuals who are underrepresented in our respective professional areas. The Ruhr-Universität Bochum expressly requests job applications from women. In areas in which they are underrepresented they will be given preference in the case of equivalent qualifications with male candidates. Applications from individuals with disabilities are most welcome.

Complete applications including CV, copies of academic certificates, lists of publications and research funding, list of self-raised third-party funds, teaching record, and a statement of research interests should be sent by E-Mail no later than February 28, 2022 to the Dean of the Faculty of Electrical Engineering and Information Technology, Ruhr-Universität Bochum, Universitätsstraße 150, Gebäude 1D, Ebene 1, Raum 643, 44780 Bochum, Germany. E-Mail: bewerbung-tts@e1.rub.de

Further information is available at https://www.etit.rub.de/

Information on the collection of personal data at the application process: https://www.ruhr-uni-bochum.de/en/information-collection-personal-data-application-process