Anbieter

Universität
Ruhr-Universität Bochum

Institut / Einrichtung
Institut für Arbeitswissenschaft

Kategorie
Professuren

Angebot

Titel
W3-Professorship for „Socio-technical system design and artificial intelligence“

Einsatzort
Universitätsstr. 150 44780 Bochum Deutschland

Beschreibung
Ruhr-Universität Bochum (RUB) is one of Germany’s leading research universities, which encompasses 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 „Socio-technical system design and artificial intelligence“ (f/m/d)

The Department of Mechanical Engineering at Ruhr-Universität Bochum invites applications for the position of a Full Professor (W3) for „Socio-technical system design and artificial intelligence“. The job position is offered for March 1, 2021 (salary scale W3) at the Institute of Work Science (IAW). RUB is looking for an exceptional candidate with innovative research and teaching ideas in the field.

IAW is a cross-disciplinary autonomous institute at RUB that works in close cooperation with the mechanical engineering department, information science, neuromathematics, social science and management studies (https://www.iaw.ruhr-uni-bochum.de/). The announced professorship defines IAW’s profile in information science in continuous and close interaction with the Department of Mechanical Engineering. The focus is on the integration of artificial intelligence (AI) in job design and collaborative work settings with distributed intelligence among AI and human agents. Applicants should have a background in information science, business informatics, operations research or human computer interaction and follow a socio-technical system perspective in research and teaching. They should have a distinct view on the potential of AI, know how to integrate AI in job design and reflect on the technological impact in its social dimensions. There is a need for expertise in theoretical and methodological foundation as well as for practical job design.

RUB is seeking for a complementary profile in comparison to the other professorships at IAW and the Department of Mechanical Engineering. Teaching obligations include contributions to the executive master “Organizational Management” as well as to the BA/MA programs in “Sales Engineering and Product Management” and “Applied Informatics”. Specific contributions to Process Management, Project Management and Data Analytics are appreciated.

Requirements for the full professorship follow § 36 HG NRW, and include pedagogical proficiency, an outstanding Ph.D. dissertation and further outstanding scientific research which can be documented in terms of a positive evaluation as Junior professor, habilitation or an equivalent publication record.
Further requirements are:

- The willingness to cooperate in interdisciplinary research teams and to contribute to interdisciplinary research;
- Research excellence and international visibility documented by the publication record;
- The willingness to cooperate with representatives from business and practice;
- The willingness and documented capability to apply successfully for and manage third-party founded projects;
- An outstanding teaching engagement and teaching proficiency also in the field of executive training. The teaching engagement should include lectures in the German and the English language;
- Work experience in industry is appreciated and advantageous;
- Participation in academic self-administration.

Ruhr-Universität Bochum is an equal opportunities employer.

Please submit your electronic application with the usual documents (cover letter, curriculum vitae, copy of certifications, list of publication including copies of the five most relevant publications, list of lectures and documents of teaching evaluation, list of successfully raised third-party funded research projects and an exposé of the future research strategy) by October, 18 2020 to the Dean of the Department of Mechanical Engineering, Prof. Dr.-Ing. Marcus Petermann (dekanat-mb@ruhr-uni-bochum.de).

Further information can be obtained at our website www.mb.rub.de and www.iaw.rub.de.

**Anforderungsprofil**  
see above

**Vergütung**  
Bes.-Gr. W3 LBesG NRW

**Art der Beschäftigung**  
Vollzeit

**Zeitraum der Beschäftigung**  
unbefristet, ab Montag, 1. März 2021

**Kontakt**

**Vorname**  
Marcus

**Name**  
Petermann

**E-Mail**  
dekanat-mb@ruhr-uni-bochum.de

**Link zu dieser Stellenanzeige:** https://www.stellenwerk-bochum.de/jobboerse/professuren-w3-professorship-socio-technical-system-design-and-artificial-intelligence-200827-394436#comment-0

Bitte beziehen Sie sich in Ihrer Bewerbung auf https://www.stellenwerk-bochum.de/