

PROFESSORSHIPS

Urban Ecology and Biodiversity

Faculty of Geosciences

Keywords:

urban ecosystems and biotopes, conservation of biodiversity, climate-related stressors of plant growth in cities

Details:

Full Professorsip W3 | Application Deadline: March 26 | [Link to application](#)

Geomorphology and Geohazards

Faculty of Geosciences, Institute for Geology, Mineralogy & Geophysics

Keywords:

surface geomorphology; laboratory, field, and numerical approaches; interplay between tectonic, lithological, and climatic factors

Details:

Tenure-Track Professorsip W2-W3 (equiv. to Associate to Full) |
Application Deadline: March 26 | [Link to application](#)

Geography Education

Faculty of Geosciences

Keywords:

responsible for teacher training, empirical research on learning and instruction, theory-based, methodologically diverse and practice-oriented university courses

Details:

Professorsip W2 | Application Deadline: March 26 | [Link to application](#)

Soil Science and Soil Resources

Faculty of Geosciences

Keywords:

carbon and nutrient cycles within the framework of process-oriented soil analysis in metropolitan areas, soil chemical and biological laboratory methods, spatio-temporal context

Details:

Professorsip W2 | Application Deadline: March 26 | [Link to application](#)

General Pharmacology and Toxicology

Faculty of Medicine

Details:

Professorsip W3 | Application Deadline: March 15 | [Link to application](#)

Curating Digital Objects of Cultural Knowledge and Memory

Faculty of History, Institute of Art History

College for Social Sciences and Humanities | Research Alliance Ruhr

Keywords:

history of knowledge, digital humanities, cultural objects in virtual environments, (politics of memory and postcolonialism)

Details:

Full Professorship W3 | Application Deadline: Feb 23 | [Link to application](#)

System Security

Faculty of Computer Science

Areas:

- System Security: Operating systems security, web security, distributed systems security, cloud computing security
- Program analysis and analysis of security protocols
- Machine learning security and privacy
- Data-driven security and measurement studies
- Privacy and anonymity
- Applications of cryptography to real-world systems
- Wireless security
- Network security (intrusion and anomaly detection, network infrastructure security, DoS and countermeasures)
- Strategic and economic aspects of real-world system security.

Details:

Open Rank Professorship: Full or Tenure Track | Application Deadline: Feb 14, 2023 | [Link to application](#)

POSTDOCTORAL POSITIONS

Atomistic Simulations | Theoretical Chemistry

Research Center Chemical Science and Sustainability of the Research Alliance Ruhr

Background:

PhD in computational/theoretical chemistry, physics, materials science or a related field)

Keywords:

electronic structure calculations, atomistic simulation techniques, programming in Python and/or Fortran

Details:

2 years, full-time | Apply by October 31, 2023 | [Link to application](#)

East Asian Futures

Open topic in interdisciplinary research training group GRK 2833

Background:

Area studies: Sinology/Chinese Studies, Japanese Studies, Korean Studies • and/or further disciplines with a strong focus on East Asia, such as Social Sciences (Political Science, Economics, Sociology), History, Religious Studies, Linguistics, Literary Studies

Details:

5 years, full-time | Apply by March 31, 2023 | [Link to application](#)

Sociotechnical System Design and Artificial Intelligence

Institute of Applied Work Science

Topics:

- Socio-technical System Design
- Explainable and Responsible Artificial Intelligence
- Usability and User Experience in Information Systems
- Digital Transformation
- Future of Work
- Virtual Reality

Details:

3 years, full-time | Apply by March 6, 2023 | [Link to application](#)

Digital Teaching and Development of Learning Concept

The Center for Medical Teaching of the Faculty of Medicine

Keywords:

Implementation of new teaching/learning technologies in the field of medical teaching, Research in the field of digital teaching and learning analytics, medical didactic trainings and consultations

Details:

3 years, full-time | Apply by March 13, 2023 | [Link to application](#)

Didactics of Physics

Faculty of Physics and Astronomy

Keywords:

Research and development tasks on new teaching learning concepts, Development of a new research field

Details:

5 years, full-time | Apply by March 13, 2023 | [Link to application](#)

Permanent Calls

IT-Security (several openings)

Cluster of Excellence CASA

Disciplinary Background:

Computer Science, Cryptography, Electrical Engineering, Mathematics, Psychology

Details:

2 years, full-time, Jump-Start-Program | Application accepted all year around | [Link to application](#)

Solvation Science (several openings)

Cluster of Excellence RESOLV

Disciplinary Background:

Chemistry, Physics, Biochemistry, Chemical, Engineering, and alile

Details:

full-time | Application accepted all year around | [Link to application](#)

Computational/Theoretical Chemistry/Physics (several openings)

Center for Theoretical Chemistry

Keywords:

molecular dynamics/electronic structure, [Link to techniques](#)

Details:

full-time | Application accepted all year around | [Link to application](#)

IT-Security (several openings)

Cluster of Excellence CASA

Disciplinary Background:

Computer Science, Cryptography, Electrical Engineering, Mathematics, Psychology

Details:

2 years, full-time, Jump-Start-Program | Application accepted all year around | [Link to application](#)

For questions please reach out to research-career@rs.rub.de