JOB OPENINGS
RUHR-UNIVERSITÄT BOCHUM
as of May 19, 2023

PROFESSORSHIPS

Radioastronomy
Faculty of Physics and Astronomy
Keywords: observational astrophysics, plasma astrophysics with strong involvement in the instrumentation and use of radio and/or submm observatories
Details: Tenure-Track Professorship W1-W2 (equiv. to Assistant to Associate) | Application Deadline: May 31 | Link to application

Experimental physics, spectroscopy of atoms and molecules by laser methods
Faculty of Physics and Astronomy
Keywords: excitation of atoms and molecules in non-equilibrium systems such as plasmas,
Details: Tenure-Track Professorship W2-W3 (equiv. Associate to Full Professor) | Application Deadline: June 30 | Link to application

POSTDOCTORAL POSITIONS

Soft condensed matter physics
Faculty of Electrical Engineering and Information Technology
Keywords: strong theoretical condensed matter physics background, formulate an analytical model and perform numerical simulations of the fitness landscapes of a driven dissipative pattern forming colloidal system
Details: 2 years, full-time | Apply by May 29, 2023 | Link to application

Plasma Astroparticle Physics
Faculty of Physics and Astronomy
Keywords: interface of plasma and particle physics, Analysis of IceCube data, Performing IceCube simulations, analysis of Moon and Sun Shadows, improving directional reconstruction methods with IceCube
Details: 2 years, full-time | Apply by June 2, 2023 | Link to application
Experimental and numerical investigation of energy transformation systems
Faculty of Mechanical Engineering, Chair of Thermal Turbomachines and Aeroengines
Keywords:
experimental and numerical investigation of energy transformation systems, CRC 129 Oxyflame
Details:
3 years, full-time | Apply by June 12, 2023 | Link to application

Numerics of Partial Differential Equations
Faculty of Mathematics
Keywords:
Solution method for the Ginzburg-Landau equations of superconductivity
Details:
3 years, full-time | Apply by June 2, 2023 | Link to application

Analysis of learning dynamics on the basis of neuronal and/or rodent MRI-data
Faculty of Medicine, Department of Neurophysiology
Keywords:
mechanisms underlying acquisition and long-term retention of associative memory, new data analysis strategies and develop algorithms for the scrutiny of synaptic and cortical plasticity and their role in information processing in the context of memory.
Details:
3 years, full-time | Apply by June 5, 2023 | Link to application

Book of Joshua
Faculty of Protestant Theology
Keywords:
differentiated interpretation of the Book of Joshua with the help of the hitherto largely unused exegetical-analytical potential that postcolonial theoretical approaches offer for the historical understanding of biblical traditions.
Details:
2 years, full-time | Apply by June 5, 2023 | Link to application

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
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](#)

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**Solvation Science (several openings)**
Cluster of Excellence RESOLV

**Disciplinary Background:**
Chemistry, Physics, Biochemistry, Chemical, Engineering, and alike

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

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**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](#)

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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](#)

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