

The Ruhr-Universität Bochum (RUB) is one of Germany's leading **research universities**. The University draws its strengths from both the diversity and the proximity of scientific and engineering disciplines on a single, coherent campus. This highly **dynamic setting** enables students and researchers to work across traditional boundaries of academic subjects and faculties. The RUB is a **vital institution** in the Ruhr area.

PROFESSOR (W2) FOR EXPERIMENTAL PHYSICS, WITH FOCUS ON THE PHYSICS OF PLASMAS WITH COMPLEX INTERACTIONS

The **Ruhr-Universität Bochum Faculty for Physics and Astronomy** invites applications for the position of a Professor (W2) for experimental physics, with focus on the physics of plasmas with complex interactions to start as soon as possible.

Plasma research at Ruhr-Universität Bochum covers a broad range of topics, from low temperature plasmas, fundamentals oriented theoretical plasma research to astro-plasma physics.

The future holder of the post will represent the subject of experimental physics of plasmas with complex interactions in research and teaching. A connection to the current research projects such as the SFB-TR 87 „Pulsed high power plasmas for the synthesis of nanostructured functional layers“ and further research activities in the field of non-equilibrium plasmas, especially at atmospheric pressure is desired. An active participation in the Research Department „Plasmas with Complex Interactions“ is expected.

The teaching duties encompass experimental physics in the framework of mandatory and compulsory courses for all official study courses offered by the faculty. An engagement in the study course "medical physics" would be appreciated.

Positive evaluation as a junior professor or equivalent academic achievement (e.g. habilitation) and evidence of special aptitude are just as much required as the willingness to participate in the self-governing bodies of the RUB and to generally get involved in university processes according to RUB's mission statement.

We expect further more:

- high commitment in teaching, enthusiasm and didactic skills for the education of physics students and the supervision of bachelor and master thesis projects
- readiness to participate in interdisciplinary academic work
- willingness and ability to attract external funding

The Ruhr-Universität Bochum is an equal opportunities employer.

Complete applications including full CV, statement of teaching philosophy and teaching records, publication list and research plan as well as record of research grants should be sent until **January 22, 2016** to the **Dean of the Department of Physics and Astronomy at the Ruhr-University Bochum, 44780 Bochum, Germany** or dekanat@physik.rub.de.

Further information is available at www.physik.rub.de.

