

## Anbieter

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Universität	Ruhr-Universität Bochum
Institut/Einrichtung	Fakultät für Physik und Astronomie
Kategorie	Professuren

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## Angebot

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Titel	Full Professor (W3) in Theoretical Physics of Electrified Liquid-Solid Interface
Einsatzort	Universitätsstraße 150 44801 Bochum Deutschland

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### Beschreibung

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.

RESOLV (Ruhr Explores Solvation) is a world-leading interdisciplinary research institution in Solvation Science awarded as a Cluster of Excellence by the German Excellence Strategy. Within RESOLV, scientists from six institutions in the Ruhr area covering experimental chemistry, theory and chemical engineering investigate how solvents are involved in the control, mediation and regulation of chemical reactions and processes. RESOLV's mission stretches from fundamental research to the translation into applications such as green technologies or smart sensors.

The Faculty of Physics and Astronomy of Ruhr-Universität Bochum invites applications for the tenured faculty position of a

#### **Full Professor (W3) in Theoretical Physics of Electrified Liquid-Solid Interfaces**

to start as soon as possible.

The new professor will establish an innovative research program by developing and applying cutting-edge computational approaches for electronic and reactive processes at electrified liquid-solid interfaces. The new professor will be member of the Faculty of Physics and Astronomy and is expected to expand its research and teaching portfolios accordingly, including also teaching contributions to the basic courses in Theoretical Physics. Being deeply integrated in the Faculty of Physics and Astronomy ([www.physik.rub.de](http://www.physik.rub.de)) and in the Cluster of Excellence RESOLV ([www.solvation.de](http://www.solvation.de)), intense collaborations with existing experimental and computational research groups within the Faculty including ICAMS ([www.icams.de](http://www.icams.de)) and across RESOLV's member institutions are expected.

### Anforderungsprofil

Applicants must be internationally renowned experts in the field of electronic-structure-based research of liquid-solid or molecule-solid interfaces, having a clear perspective toward treating electronic processes, such as charge transfer or (electro-)chemical reactions, at solvated surfaces at finite temperature and potential bias.

Applicants must fulfill the following conditions governing appointment of professors in accordance to §36 HG NRW:

- Academic degree,
- Aptitude for teaching an academic subject (teaching degree, or to be ascertained in the

- course of the appointment procedures),
- Qualifications to conduct academic/scientific work (generally verified through the PhD degree),
- Additional academic achievements (habilitation or equivalent thereof, positive evaluation of junior professorship).

Ruhr-Universität Bochum is an equal opportunity employer.

Applications should include a detailed Curriculum Vitae (with information on honors and awards, invited lectures, current and past third-party funding, teaching and supervision, academic and professional service), a list of all publications, a list and the PDFs of the five most important publications, certificates of academic degrees, a two-page outline of the general research interests, as well as a three-page research plan within the RESOLV consortium and the envisaged connections with the Faculty of Physics and Astronomy covering the next five years. The letter of application should be sent via email to the Dean of the Faculty of Physics and Astronomy (dekanat@physik.rub.de) not later than 25.10.2020. Further information can be obtained at the website [www.physik.ruhr-uni-bochum.de](http://www.physik.ruhr-uni-bochum.de).

Vergütung	W3 LBesG NRW
Art der Beschäftigung	Vollzeit
Zeitraum der Beschäftigung	unbefristet
Bewerbungsfristende	Sonntag, 25. Oktober 2020 - 23:59

## Kontakt

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**Link zu dieser Stellenanzeige:** <https://www.stellenwerk-bochum.de/jobboerse/professuren-full-professor-w3-theoretical-physics-electrified-liquid-solid-interface-200821-392613#comment-0>

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