POSTDOCTORAL RESEARCHER (E13 TV-L)

The Ruhr-Universität Bochum – Fakultät für Chemie und Biochemie invites applications for a post-doc position in the research field of the Cluster of Excellence “Ruhr Explores Solvation” (RESOLV).

RESOLV is funded within the German Excellence Initiative and aims at establishing “Solvation Science” as an overarching research topic at RUB. The mission of RESOLV is to launch Solvation Science as a new interdisciplinary field to understand the influence of solvation on reactions, the function of biomolecules, and processes at liquid-solid interfaces. RESOLV aims to create an interdisciplinary framework for understanding solvent processes that is universal and adds a predictive capability.

In order establish a novel apparatus for gaining a molecular picture of the liquid-solid interface, we announce a vacancy of a post-doc position, for 2 years. This position will be hosted at the Chair of Physical Chemistry I (Prof. Karina Morgenstern) and at the Department of Interface Chemistry and Surface Engineering at the Max-Planck-Institut für Eisenforschung GmbH (Prof. Martin Stratmann). The applicant is expected to have experience with ultrahigh vacuum equipment. Interest in fundamental electrochemistry, scanning tunneling microscopy and/or optical spectroscopy is essential. The applicant will work in a small team on a cutting edge project addressing the structure of the electrochemical double layer by “freezing in” the first few atomic layers of the electrode/electrolyte interface.

The metropolis areas Ruhr and Lower Rhine are characterized by a high density of universities and research institutions. Relevant additional information can be found at [www.rub.de/solvation](http://www.rub.de/solvation) and [www.mpie.de](http://www.mpie.de).

**The proposed starting date for the position is 01.08.2013.**

Applications should include a detailed curriculum vitae (with information about awards and presentations), and a list of all publications. The Ruhr-Universität Bochum is committed to employ more handicapped individuals and especially encourages them to apply. The RUB wishes to increase the share of women in areas, where they are underrepresented and strongly encourages them to apply.

Complete applications should be sent exclusively in electronic form as one pdf document no later than 17.05.2013 to E-Mail: resolv-postdoc@mpie.de.