

The **Ruhr-Universität Bochum (RUB)** is one of the 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, more than 200 scientists at 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.

### Position as Early Career Research Group Leader “Catalysis”

In order to complement the existing expertise in the Cluster of Excellence RESOLV (DFG EXC 2033), we announce a **position for an Early Career Research Group Leader** (according to TV-L E14 salary; with start-up package; appointment until December 2025) to build up the independent **Early Career Research Group “Catalysis”**. Its thematic focus will be on understanding and rationally developing catalytic processes in liquids at the molecular level.

This group will be initiated as a link between the Ruhr-Universität Bochum and the Max-Planck-Institut für Kohlenforschung in Mülheim in the framework of the Cluster of Excellence RESOLV, and will be hosted by the Ruhr-Universität Bochum. A close collaboration with RESOLV is expected.

The group will strongly benefit from the latest research infrastructure provided by the ZEMOS Research Center (“Center for Molecular Spectroscopy and Simulation of Solvent Controlled Processes”), the Max-Planck-Institute für Kohlenforschung, as well as the Cluster of Excellence RESOLV.

Relevant additional information can be found at [www.solvation.de](http://www.solvation.de), [www.ruhr-uni-bochum.de/zemos](http://www.ruhr-uni-bochum.de/zemos), and [www.kofo.mpg.de](http://www.kofo.mpg.de).

The applicants must hold a full university degree with doctorate in Chemistry, Physics, Biochemistry, Chemical Engineering or comparable subjects. Experience as postdoctoral researcher is desired. The applicants are expected to have an outstanding record of publication. An important aspect is the ability and the willingness of the candidate to collaborate with existing groups in the Cluster of Excellence RESOLV. The starting date for the position is subject to negotiation. Applications should include a detailed curriculum vitae (with information about awards, presentations, grants), a list of all publications, a list and the PDFs of the five most important publications, a two-page outline of the general research interests as well as a two-page research plan for five years in Solvation Science.

Complete applications should be sent exclusively electronically not later than **07.03.2021** as one pdf document to the speaker of the Cluster of Excellence RESOLV: Prof. Dr. Martina Havenith-Newen, re: “**RESOLV EXC2033 – ECR Group Catalysis**”, NC 7/72 Ruhr Universität Bochum, 44780 Bochum, Germany. **E-Mail:** [resolv@rub.de](mailto:resolv@rub.de)

At Ruhr-Universität Bochum, we wish to promote careers of women in areas in which they are underrepresented, and we would therefore like to encourage female candidates to send us their applications. Applications by suitable candidates with severe disabilities and other applicants with equal legal status are likewise most welcome.