



With more than 6,200 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: The cooperation between engineering and natural sciences as well as social and cultural studies promotes both technological innovations and progress in knowledge and methodology. And it is not only the more than 34,600 students who benefit from that.

Open doctoral positions in the Cluster of Excellence RESOLV

RESOLV 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.

The integrated Graduate School Solvation Science (iGSS) embedded in RESOLV seeks to attract highly motivated graduates with a top-level Master's degree (iGSS Track I) or with a top-level Bachelor's degree (iGSS Track II) who will work in an inspiring and exciting research environment. The iGSS offers a graduate program that combines cutting-edge research with a curriculum of lectures, colloquia, and workshops, augmented by international experiences. Doctoral students will be employed for three years and will be paid according to public service's wage agreement (E13 TV-L, 50%).

YOUR TASKS:

- Working on a research topic that is related to the interdisciplinary field of Solvation Science; for more information please refer to our website (www.solvation.de). A teaching obligation does not exist.

The TU Dortmund University aims to increase the percentage of women in the scientific faculties and therefore applications from women are particularly welcome.

We explicitly note that applications of severely disabled persons are welcome.

Please refer to our *Jobs & Training* section on our website (www.solvation.de) for more details on possible supervisors and research topics. Applications will be accepted any time.

WHAT WE OFFER:

- You will be embedded in a high-profile research environment.
- You are integrated in the International Faculty Solvation Science and will gain international work experience during a 2 – 3 month internship abroad.
- You will benefit from personal development possibilities, the entrepreneurial attitude within RESOLV and a broad spectrum of lectures as well as transferable skills courses.
- You will develop your science communication skills by presenting your research to the public.
- You are provided with funding for visiting international conferences.

YOUR PROFILE:

- You hold an A-grade ("very good") qualifying degree at either the level of Master or Diploma to enter the School's Track I or an A-Grade (3 yr. or, preferably, 4 yr.) Bachelor to enter the School's Track II; degrees in chemistry, physics, biochemistry, engineering, or a related discipline will be accepted.
- You are fascinated by the interdisciplinary research field Solvation Science.
- You have very good English language skills (equal to B2, oral and writing).

Please apply via snail-mail to:

Cluster of Excellence RESOLV
Ruhr-Universität Bochum
Dr. Julia Nowack / ZEMOS Building / Room 0.99
Universitätsstr. 150
Germany-44801 Bochum

If you have questions, please write to igss@rub.de.