

The Ruhr-Universität Bochum 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.

TWELVE PHD POSITIONS GRADUATE SCHOOL "CONFINEMENT-CONTROLLED CHEMISTRY"

The graduate school "Confinement-controlled Chemistry" is looking for top-class graduate students with an interest in exploring the influence of geometrical confinement on reactions. Our graduate school offers a three-year-program, starting **July 1st 2021**, that combines cutting-edge research with a structured curriculum (in English) of lectures, colloquia and workshops in the fields of theory, spectroscopy, synthesis, and surface science. The program also comprises the opportunity for an integrated three-month research stay, preferably at the University of California.

Twelve PhD positions (E13 TV-L, 50 % for 3 years) are available in the fields of supramolecular chemistry, synchrotron X-ray spectroscopy, advanced vibrational spectroscopy, single molecule imaging, and free energy simulations. For further details please refer to our website <http://www.confinement-controlled-chemistry.de/>

At Ruhr-Universität Bochum, we wish to promote careers of women in areas in which they have been 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.

Applications should include degree transcripts and certificates, proof of language skills in English, a detailed curriculum vita with information on awards, presentations, and publications and a short motivation letter (max. 500 words); please prioritize three projects that gather your largest interest within the graduate school (<http://www.confinement-controlled-chemistry.de/openpositions/index.html.en>).

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<https://www.ruhr-uni-bochum.de/en/information-collection-personal-data-application-process>

The candidates must have superior a Master´s degree (or equivalent) in chemistry, condensed matter physics, mathematics, biochemistry, or a related engineering field and a profound interest and preferably a strong background in fundamental research.

Qualified candidates are asked to submit their application electronically (as a single pdf file) by **February 28, 2021** via email to recruitment-grk2376@rub.de