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Job Announcement

The DFG-funded **Collaborative Research Center CRC 1636 “Elementary Processes of Light-Driven Reactions at Nanoscale Metals”**, hosted at the **University of Potsdam (UP)** jointly with its partner institutions Helmholtz Centre Berlin for Materials and Energy (HZB), Humboldt Universität zu Berlin (HU), Berliner Hochschule für Technik (BHT) and Deutsches Elektronensynchrotron (DESY), invites applications for the following positions:

22 PhD student / academic staff positions (75%)

The approved first funding period is from **1 April 2024** to 31 December 2027. The contract duration for the advertised positions is until end of project. Of these positions, 15 are located at the University of Potsdam, 3 at HZB, 2 at HU, 1 at DESY and 1 at BHT.

The students will collaborate in the integrated research training group (IRTG) associated with the CRC. We are looking for creative students with an interdisciplinary mindset to cover a broad range of scientific disciplines: physical chemistry, time-resolved (ultrafast) spectroscopy, colloid- and nanoscience, nanooptics, photochemistry, photophysics, polymer chemistry, theoretical physics, theoretical chemistry. The IRTG provides an outstanding research infrastructure including a large interdisciplinary network of researchers, state-of-the-art facilities, and funding opportunities for conference visits, summer schools, hosting international experts, and acquisition of soft skills.

The CRC aims at understanding the fundamental processes that focus light down to molecular length scales and that drive selective chemistry. Various reactions are powered differently by the collective charge oscillations in nanoscale metals known as plasmons, e.g. via charge transfer and/or local heating. The CRC 1636 will explore and establish new chemical pathways based on plasmon-assisted chemistry with the long-term aim to establish new materials and new synthesis methods.

The website www.uni-potsdam.de/en/sfb1636/jobs provides more information on

- the scientific framework of this call
- individual projects and respective open positions
- candidate responsibilities and required qualifications

For more information about this position, please contact SFB1636@uni-potsdam.de and specify your area of interest. We will get back to you. Please be prepared to be interviewed in the beginning of February.

Your Application

Your application should include a CV, a letter of motivation stating the project(s) you are interested in and explaining why you wish to pursue a PhD and why you have chosen particular projects to apply for, relevant certificates (university entrance qualification, Bachelors certificates and Masters certificates or current transcript of records), names and addresses for two academic referees, and the completed form that you can find here for download: www.uni-potsdam.de/en/sfb1636/jobs. Please send us your application **by the deadline of 21.01.2024** and provide the **ID no.** by email to SFB1636@uni-potsdam.de.