Saarland University is a campus university that is internationally recognized for its strong research programmes. Fostering young academic talent and creating ideal conditions for teaching and research are a core part of the university’s mission. As part of the University of the Greater Region, Saarland University enables students and staff to share and exchange knowledge and ideas between disciplines, between universities and across borders. With over 17,000 national and international students, studying more than a hundred different academic disciplines, Saarland University is a diverse and dynamic learning environment. [Saarland University is officially recognized as one of Germany’s family-friendly higher-education institutions and with a combined workforce of more than 4,000 it is one of the largest employers in the region.]

The Emmy-Noether Research Group in Physical and Theoretical Chemistry is inviting applications for the following position commencing at the earliest opportunity.

**Academic research assistant (m/f/x)**

Reference number W1801, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV-L, employment: 2 years (with possible extension of 2 years), 67 % of standard working time.

**Workplace/Department:**
Physical and Theoretical Chemistry, Emmy-Noether Research Group of Dr. Hilke Bahmann

**Job requirements and responsibilities:**
The candidate should be interested in completing a PhD during this position (maximum 4 years).

Requirements:
- Experience with quantum chemical calculations (of extended systems)
- Basic knowledge of Kohn-Sham density functional theory
- Affinity for programming, experience with Fortran and Python is an advantage
- Good English and German skills (written and oral)

Responsibilities
- Assessment of novel hybrid density functionals for the calculation of bulk properties and interfaces
- Development of density functional methods for solids (with periodic boundary conditions)

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¹ TV-L = collective agreement on remuneration of public sector employees in the German Länder

The pay grade assigned to an employee depends on their professional qualifications and the number of years of service. Each pay grade is further subdivided into levels. Entry-level employees with no previous experience will initially be assigned a level 1 rating. After one year at level 1 of the E10 pay grade, an employee will move up to level 2. After a further two years, the employee will move to level 3, etc.
Your academic qualifications:
- Completed university studies in Theoretical Chemistry or Physics

The successful person will also be expected to:
- Present research results at workshops and conferences
- Write a PhD thesis and research papers
- Assume occasional teaching duties in physical and quantum chemistry

What we can offer you:
- A flexible work schedule allowing you to balance work and family
- A broad range of further education and professional development programmes
- An occupational health management model with numerous attractive options, such as our university sports programme
- Supplementary pension scheme (RZVK)
- Discounted tickets on local public transport services ('Jobticket')

We look forward to receiving your (written) application. Please quote reference number W1801 when applying. Applications must be received by no later than 11 December 2020 and should be sent to the following address:
Universität des Saarlandes
Frau Dr. Hilke Bahmann
Physikalische und Theoretische Chemie
B2.2
66123 Saarbrücken
Email: hilke.bahmann@uni-saarland.de

Application documents will not be returned. Please only submit copies of your documents and do not use plastic wallets, folders, ring binders, etc.

If you have any questions, please contact us for assistance. Your contact:
Frau Dr. Hilke Bahmann
Tel.: 0681 302 3433

In accordance with the objectives of its equal opportunities plan, Saarland University seeks to increase the proportion of women in this field. Qualified women candidates are therefore strongly encouraged to apply. Preferential consideration will be given to applications from disabled candidates of equal eligibility. The successful candidate has the option of choosing to work part-time in this position.

Pay grade classification is based on the particular details of the position held and the extent to which the applicant meets the requirements of the pay grade within the TV-L salary scale.

When you submit a job application to Saarland University you will be transmitting personal data. Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung. By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.