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 Inorganic Chemistry Institute is inviting applications for the following position commencing **09 January 2023**

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

**Reference number W2181**, salary in accordance with the German TV-L salary scale¹, pay grade: E 13, fixed-term position for 3 years, employment: 50 % of standard working time.

**Workplace/Department:**
In the context of a PhD thesis, novel self-healing nanocomposites based on inorganic nanoparticles in combination with organic polymers will be synthesized and characterized. A focus of the work is the preparation of superparamagnetic nanoparticles, their surface functionalization, and their incorporation in organic polymers. The self-healing processes will be activated by external alternating magnetic fields. The obtained scientific insights should help to accelerate self-healing processes in nanocomposites and to explore new external triggers.

**Job requirements and responsibilities:**
- Planning and implementation of chemical syntheses as well as characterization of the physicochemical properties of the final materials
- Scientific analysis and publication of the results
- Presentation of your scientific results at national and international conferences
- Maintenance of laboratory standards, equipment and safety
- Acquisition of first experience in student supervision and training.

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 scientific university studies in Chemistry (MSc. or equivalent).

The successful candidate will also be expected to:
• Skilled in inorganic and organic synthesis, experience with air and moisture sensitive compounds or polymers is advantageous
• Experience in routine methods of chemical analysis (NMR, IR, UV-Vis, X-ray powder diffraction, etc.)
• Curiosity, enthusiasm and motivation to acquire and generate new knowledge and advance science
• Good team spirit, high level of commitment
• German skills are a plus, yet not mandatory
• Please provide your statement of research

What we can offer you:
• A flexible work schedule allowing you to balance work and family, among other things the possibility of teleworking
• Secure and future-oriented employment with attractive conditions
• A broad range of further education and professional development programmes (for example language courses)
• 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 (‘Job-Ticket Plus’ of the saarVV)

We look forward to receiving your meaningful online application (in a PDF file) by 30.10.2022 to guido.kickelbick@uni-saarland.de. Please include the reference number W2181 in the subject line of the e-mail.

If you have any questions, please contact us for assistance. Your contact:
Herr Prof. Dr. Guido Kickelbick
Inorganic Solid State Chemistry
Tel.: 0681 302 70651

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. Part-time employment is generally possible.

If you have obtained a foreign university degree, a proof of the equivalence of this degree with a German degree by the Zentralstelle für ausländisches Bildungswesen (ZAB) is needed before hiring. If necessary, please apply for this in time. You can find more information at https://www.kmk.org/zeugnisbewertung.

Unfortunately, neither costs for attending an interview at Saarland University nor costs for any certificate evaluation by the ZAB can be reimbursed in principle.

We welcome applications regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. In accordance with its policy of increasing the proportion of women, the University actively encourages applications from women. Applications from severely disabled persons will be given preferential consideration in the event of equal suitability.

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.