Saarland University is a campus university with an international reputation for research excellence, particularly in computer science and in the life sciences and nanosciences. The university is also distinguished by its close ties to France and its strong European focus. Around 17,000 students, studying over one hundred different academic disciplines, are currently enrolled at Saarland University. Saarland University is officially recognized as one of Germany's family-friendly higher-education institutions and with a combined workforce of more than 4000 it is one of the largest employers in the region.

The Department of Chemistry is inviting applications **at the earliest opportunity** for the following position:

Academic research assistant (m/f/x)

Reference Number W1500, salary in accordance with the German TV-L salary scale[1]; pay grade E13 TV- L, employment: period: 1 year, hours worked: 100 % of the standard working hours.

Workplace/Department:

A Postdoc position is available in the group of Dr. Diego Andrada. The position will be filled in a period of 1 year with possibility of an extension. The selected candidate will join a young group and will have the opportunity of participating in the development of novel approaches for main group chemistry with potential application in the manufacture of semiconductors. The project will involve collaborations and it is related to the ERC Starting Grant (805113).

Job requirements and responsibilities:

- Research in chemistry by applying computational methods to the analysis of chemical bonding in main group and transition metal systems.
- Assistance in teaching, supervision of Bachelor, Master Students.
- Writing publications.

Your academic qualifications:

The applicant must hold a doctoral degree in chemistry or physics.

The successful candidate is also expected to have:

A strong background in the theoretical aspects of the reactivity and stability of organic, inorganic and organometallic systems is requested. In particular, experience with the use of modern computational methods to

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

describe and understand chemical concepts and reactivity is requested. Skills in the application of the quantum chemical packages such as Turbomole, ADF, Orca, Molpro, and Gaussian is desirable. Additionally, the applicant should demonstrate experience with supervising students.

- Experience with bonding analysis and reaction mechanism calculations.
- Good publication records.
- Scripting and/or programming in Linux-like environment.
- Good communication skills (English).
- Team working skills.

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 including your CV, a motivation letter and the name of 2 references who are willing to write a letter of recommendation upon request**. Please quote **reference number W1500** when applying. Applications must be received by no later than **31 March 2019** and should be sent to the following address:

Universität des Saarlandes
Dr. Diego M. Andrada
Institute of Inorganic Chemistry
Department of Chemistry
66123 Saarbrücken

Email: diego.andrada@uni-saarland.de

Application documents will not be returned. Please only submit digital 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:
Dr. Diego M. Andrada
Institute of Inorganic Chemistry
Tel.: +49(0)681/302-71665

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 (DS-GVO). By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.