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 Chair of microelectronics is inviting applications for the following position commencing at the earliest opportunity:

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

**Reference number W2080**, salary in accordance with the German TV-L salary scale\(^1\), pay grade: E13, employment: for 1 year, can be employed for up to 6 years, 80 - 100 \% of standard working time.

**Workplace/Department:**
Chair of microelectronics

**Job requirements and responsibilities:**
- Above-average university studies,
- in-depth knowledge of microelectronics, image processing or display control,
- image processing, hardware description language Verilog
- HDL, FPGA implementation, design and layout of circuit boards, discrete mathematics

**Your academic qualifications:**
- Completed university studies in electronic engineering, computer science or related fields.

**The successful candidate will also be expected to:**
- Willingness to independently work with new and complex topics.
- Willingness to teach in the Bachelor & Master programs and to supervise Bachelor and Master theses.
- Have good command of oral and written English.

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\(^1\) TV-L = collective agreement on remuneration of public sector employees in the German **Länder**
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 (written) application. Please quote reference number W2080 when applying. Applications must be received by no later than 30 April 2022 and should be sent to the following address:
Universität des Saarlandes
Microelectronics
A5.1
66123 Saarbrücken
Email: chihao.xu@lme.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:
Prof. Dr. Chihao Xu
Microelectronics
Tel.: 0681 302-4305

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.