The University of Paderborn is a high-performance and internationally oriented university with approximately 20,000 students. Within interdisciplinary teams, we design forward-looking research, innovative teaching and the active transfer of knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 2,300 employees in research, teaching, technology and administration a lively working environment, a lean management structure and diverse opportunities.

Join us to invent the future!

The Department of Forming and Machining Technology (LUF) at the Faculty of Mechanical Engineering has had a reputation for extremely successful research activities in the field of production technology and, more especially, forming technology, for almost 40 years now.

We are looking for

Research assistants
(Salary category 13 TV-L)

To join the LUF in the short or medium term to work 100 % of regular working hours while, at the same time, benefitting from excellent opportunities to study for a PhD, which is the express intention. These are qualification posts, as specified in the German Law governing Fixed-term Contracts in the Sciences (WissZeitVG), for promoting doctoral studies in the field of forming technology. The posts are subject to a time limit equivalent to the duration of the doctoral studies - as a function of the qualifications achieved to date – but are to be filled for a period of up to 3 years in the first instance.

At the LUF, a team of highly motivated scientists are working on a large number of interesting projects in the field of fundamental and applied research. The main areas of research and hence fields of work at the LUF include:

- sheet metal and profile forming of workpieces in demanding, high-strength material systems through incremental forming (pressing) and active-medium-based forming (IHPF)
- the production of components in hybrid materials and
- high-speed forming

Areas of work:
The scientific assignments include research into innovative forming processes, including the requisite tools and machine tools. This work involves determining the theoretical relationships, conducting numerical calculations or simulations, designing and implementing the test setups, and planning and carrying out experimental investigations.

Requirements/preconditions for employment:
For these areas of work, we are looking for engineers with a Master's or "Diplom" university degree (mechanical engineering, civil engineering, electrical engineering, computer science, physics and related fields) or people with comparable qualifications, who – in addition to having above-average specialist knowledge and the ability to work in a team – are able to work independently, enjoy experimental work and bring with them creativity and a wealth of ideas. Applicants are also expected to be able to drive forward publicly funded research projects and projects with industry, and identify fully with a performance-oriented research environment. A small amount of teaching work, of up to 4 hours a week, will be required by way of support for the lecturers.

Applications from women are expressly welcomed and, in the event of identical aptitude, qualifications and professional achievement, preference will be given to women as per the State Equality Act (LGO), unless reasons specific to another individual tilt the balance in his favour. Part-time employment is fundamentally possible. Also welcome are applications from suitable persons with severe disabilities and equivalent persons as per the Ninth Volume of the German Social Code (SGB IX).

If you require further information, please phone Professor Homberg on 05251-60 5344 or Dr. Rostek on 05251-60 5346. Applications with the usual documents should be submitted by 31.12.2018 citing Reference number 3522 either by e-mail to wh@luf.upb.de or by post to

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