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, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

The NRW Forschungskolleg “Leicht – Effizient – Mobil” (FK LEM) is a PhD Program at the University of Paderborn which combines approaches of mechanical engineering, natural, and social sciences in order to address the “Big Societal Challenges”, i.e. sustainable mobility, security, climate protection and resource efficiency by intense research on lightweight hybrid structures. A specific focus of the Forschungskolleg is the consideration of both social and technological aspects of lightweight engineering and its potential to contribute to solve societal challenges. Accordingly, research topics are framed and elaborated through interdisciplinary collaboration, but also through transdisciplinary cooperation with civil society, public institutions, and industry. Inter- and transdisciplinary research is key for a successful and sustainable implementation of extreme lightweight constructions with regard to meeting both technological as well as social requirements.

Web: https://ilh.uni-paderborn.de/en/forschungskolleg-light-efficient-mobile/

In this context the position of a

**Research Assistant - PhD student (f/m/d)**
(Salary according to E 13 TV-L)

will be staffed at the next possible entry date. The part-time post (65% of full employment) is available from November 2019 until June 2022. It is limited to the duration of the project, according to the German law “Wissenschaftszeitvertragsgesetz” for fixed term contracts within third party funding.

**Position profile:**
The successful applicant will work with a team of highly motivated PhD Researchers on the topic of lightweight technology in society. In particular, they will explore gender issues in lightweight engineering and related areas such as sustainability, additive manufacturing, and mechanical engineering. Applicants are expected to develop and realize their PhD research within the topical frame and collaborations of the FK LEM.

**Your profile:**
We are looking for applicants with an above average degree either in a social science or in a discipline that is closely linked to social sciences. In addition, applicants must have qualifications in gender studies and/or feminist research.

We are especially interested in applicants with
- experience in inter- and/or transdisciplinary disciplinary research contexts
- experience in qualitative and quantitative social research
- interest in innovative lightweight technologies and their social impact
- interest in technoscience, sustainability, material science, mechanical engineering

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are preponderant reasons to give preference to another applicant. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

For further Information please contact Prof. Dr. Ilona Horwath +49 (0) 5251/60-5337 or Johannes Terhechte M.Sc. +49 (0) 5251/60-5951.

Please send your application with the usual documents under reference number 4013 until November 15th, 2019 to:

Jun.-Prof. Dr. Ilona Horwath
Faculty of Mechanical Engineering
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Warburger Str. 100
33098 Paderborn
Germany

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