

Marie Skłodowska-Curie PostDoc Positions in Germany

“Expression of Interest” for hosting Fellows

This template should be used by institutions interested in hosting post-doctoral fellows within the Marie Skłodowska-Curie Individual Fellowship programme. Hosts should be located in Germany.

1. Valid for the following Calls:

<input type="checkbox"/> 2017
<input type="checkbox"/> 2018
<input checked="" type="checkbox"/> 2019
<input checked="" type="checkbox"/> 2020

2. Interested institution (legal person):

Technische Universität Chemnitz Straße der Nationen 62 09111 Chemnitz

3. Institute/Department:

Technische Universität Chemnitz Institute of Design Engineering and Drive Technology Reichenhainer Str. 70 09126 Chemnitz The institute of design engineering and drive technology (IKAT) is active in the field of machine elements and smart structures. Above all, tribological, stress mechanical, geometric, systemic and economic effects are focused. Here, established simulation and calculation methods and a wide range of spectrum of tests are used.

4. Position, scientific requirements, topic, discipline*:

PostDoc Position: The position is ideally filled with someone with a background in numerical methods, in particular finite element analysis or flow simulation, but also applied optimization and machine learning are welcome. Ideal applications can be found in the strength analysis of machine elements and their tribological behaviour. Furthermore, topics in the field of automated design methods, for example based on numerical optimization or machine learning, can be addressed.

*Please tick:

(according to [scientific subject areas](#), defined by the German Research Foundation)

- Life Sciences
- Natural Sciences
- Engineering Sciences
- Social Sciences and Humanities

5. Contact person (name and e-mail address):

Prof. Alexander Hasse, Professorship Machine Elements and Product Development
alexander.hasse@mb.tu-chemnitz.de

6. Deadline¹ for considering interests by post-doctoral applicants:

At the very latest two ideally three months prior to the deadline of the respective call.

¹ Please consider that the preparation of a Marie Skłodowska-Curie proposal requires some time. Fellow and supervisor have to agree on a project and training opportunities for the fellow.