

Marie Skłodowska-Curie PostDoc Positions in Germany

“Expression of Interest” for hosting Fellows

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

1. Valid for the following MSCA-IF Calls¹:

<input type="checkbox"/> 2018	<input checked="" type="checkbox"/> 2019	<input type="checkbox"/> 2020
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2. Interested host institution:

HafenCity Universitaet Hamburg, Germany

Name of EU liaison officer (EU-Referent/in), if applicable: Mr. Joern Weinhold

3. Institute/Department:

Geotechnical Engineering / Civil Engineering

Website (Hyperlink):

<https://www.hcu-hamburg.de/bachelor/bauingenieurwesen/professorinnen/univ-prof-dr-ing-habil-k-lesny/>

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

Prof. Dr.-Ing. habil. Kerstin Lesny, kerstin.lesny@hcu-hamburg.de

¹ MSCA Individual Fellowships are selected on the basis of annual calls for proposals. Forthcoming and open calls for proposals can be found on the [Participant Portal](#) of the European Commission under “Funding Opportunities” and “Calls/H2020”.

5. Project idea/position (scientific requirements, topic, discipline):

Rough outline of idea/position:

We are looking for a PostDoc candidate for collaborative research on the application of probabilistic analysis in Geotechnical Engineering with an emphasis on uncertainty assessment of geotechnical design methods. The primary research idea is to develop a procedure for model uncertainty assessment and resistance factor calibration for an alternative design method to predict the bearing capacity of foundations under combined loading. The research topic can be adapted to the common research interests of the candidate and the host if reasonable. The candidate should already have some experience in the application of statistical and probabilistic analysis methods. Ideally, she or he has a background in geotechnical engineering, but candidates with a background in disciplines related to the research topic such as mathematics would be also welcome.

Please tick:

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

6. Deadline² for considering interests by postdoctoral applicants:

Preferably end of 2019, but this is not binding.

² 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.