

Helmut-Schmidt University / Bundeswehr University Hamburg, Faculty of Mechanical Engineering, Chair of Engineering Materials and Building Preservation (University Professor Dr. Ing. Keßler) is looking to fill a vacancy for a

Research Assistant
(pay grade E13 TVöD (German Public Service Collective Bargaining Agreement,
39 hours per week)

to be filled at the earliest possible date for a two-year period.

The chair is working on the durability and repair of reinforced concrete structures as well as

- the inspection and monitoring of reinforcement corrosion in reinforced concrete structures
- analyses of the reliability of non-destructive testing procedures in the building and construction industry
- experimental, numerical and probabilistic analyses and evaluation of reinforcement corrosion
- the durability and continuous monitoring of reinforced concrete
- the sustainability assessment of repair procedures

We are looking for someone to support our work in this field.

Roles and responsibilities

- You will be working on research issues in this field and will be developing a new solution based on a scientific approach.
- You will be implementing the solution you developed in the laboratory in field studies.
- You will be working on the general applicability of the solution you developed and will be opening up new uses and avenues of research.
- We will support your interest in a doctoral thesis and in writing and publishing academic papers of your own for your further qualification in the context of this research subject.

Key requirements

- You should have a university degree (Master of Science or German *Diplom*) in civil engineering, material engineering, geophysics, or a comparable academic field.
- You should have a good command of written and spoken German and English in this field of research.
- You should be dedicated, responsible, a team player, and able to work independently.
- You should have sound analytical skills and enjoy developing new solutions.
- You should be interested in project management and have a self-confident and assured manner.

Should you have any questions about this position, please contact Dr. Keßler (email: kessler@hsu-hh.de).

If you have acquired a university degree abroad, your application should include proof that this degree has been recognised by the Zentralstelle für ausländisches Bildungswesen (Central Office of International Education) of the Kultusministerkonferenz (Conference of Ministers of Education and Cultural Affairs).

Employment will be based on the Tarifvertrag für den Öffentlichen Dienst (Public Service Collective Bargaining Agreement) in conjunction with the Wissenschaftszeitvertragsgesetz (Act on Fixed-Term Contracts in Higher Education and Research). If you meet all personal requirements and take on all assigned activities, you will be entitled to pay grade E 13.

Part-time work is possible.

All posts are open to all applicants regardless of gender. We explicitly welcome applications from women. Women will be given preferential consideration in cases of equal qualification, ability and merit in areas where they are underrepresented, unless there are compelling reasons to favour another applicant.

Applications from people with disabilities are explicitly welcome. People with disabilities and those of equivalent status will be given preferential consideration in cases of equal qualification. They are only required to meet the minimum physical ability standards. Individual limitations related to disabilities may prevent preferential consideration if particular abilities are absolutely essential for a vacancy.

The University has a campus atmosphere, reasonably sized classes, and good infrastructure. It offers officers and officer candidates academic study courses at Bachelor's and Master's degree level which are taught on a trimester basis and are augmented by interdisciplinary study elements.

For more information, visit us at www.hsu-hh.de.

Please send your application and any necessary documents as PDF files to the address below by **4 December 2019** and indicate reference number **MB-1219**:

personaldezernat@hsu-hh.de

Helmut-Schmidt-Universität
Universität der Bundeswehr Hamburg
- Personaldezernat –
Postfach 70 08 22, 22008 Hamburg

Applications without a reference number cannot be considered and will be immediately deleted for reasons of data protection.

Information on data protection and the application procedure can be found at www.hsu-hh.de under the heading “Universität – Karriere – Datenschutzinformationen” (University – Career – Information on Data Protection).