

Job offer

The mission of the BAM Federal Institute for Materials Research and Testing is to deploy technology in a safe and environmentally friendly way.

Our research, testing, approval and regulation activities are intended to promote safety in engineering and chemistry. As a higher federal authority and departmental research institution of the Federal Ministry of Economics and Technology (BMWi), with 1700 employees, we have national and international responsibilities, cooperate with universities and non-university research institutions and support young academics.

The Division 7.2 – „Buildings and Structures“ offers a position in Berlin-Steglitz beginning on March 1, 2013

Ph.D. student (f/m) with a degree in Civil Engineering or comparable

salary scale E13 TVöD
full time, fixed term contract for 18 months
with option to renew for further 18 months

Job description:

- research with application relevance and a Ph.D. thesis in the field of tunnel reliability and risk assessment
- presentation of research results at conferences and in scientific journals
- researching in an open PhD team atmosphere with the background of a multi-disciplinary research institute

Profile of qualification:

- university degree with good results in Civil Engineering or in a comparable field
- good knowledge in the area of safety of structures
- well founded knowledge in physics, engineering mechanics, mathematical statistics and measurement technologies
- working experience is advantageous
- good spoken and written command of the English language
- well founded programming knowledge (for example Python and MATLAB) and also well founded knowledge in MS-Office programs
- self-reliant working style
- good communication skills

For further information please contact Dr. Sebastian Thöns (sebastian.thoens@bam.de) by phone +49 30 8104 3477.

BAM is an equal opportunity employer. Applications from women are particularly welcome.

Registered severely disabled applicants demonstrating equal eligibility will be given preferential consideration; they only need to meet minimum physical requirements.

Applications together with pertinent documents should be submitted **by March 15, 2013 with the designation 5/13 – 7.2** to BAM Federal Institute for Materials Research and Testing, Referat Z.3, Unter den Eichen 87, 12205 Berlin, Germany via mail or email.