



Leibniz
Universität
Hannover

The International Research Training Group IRTG 1627/1 "Virtual Materials and Structures and their Validation" at the Leibniz Universität Hannover invites applications for

9 PhD positions in virtual testing of materials and structures (Salary Scale TV-L E13).

The positions are funded by the Deutsche Forschungsgemeinschaft (DFG) and are available from October 2013 on. The funding period is 3 years.

The International Research Training Group provides a forum for research and development of newest methods related to computational technologies, virtual testing and validation of heterogeneous and composite materials. Details about the research and PhD topics can be found at <http://www.irtg1627.uni-hannover.de/projects>.

Successful candidates will be responsible for developing the theoretical framework as well as related algorithms of their respective PhD topics and implement these in finite element software.

Requirements

Applicants should have a diploma or masters degree in engineering or applied mathematics. A strong background in nonlinear continuum mechanics and the finite element method is an advantage. Due to the fact that the International Research Training Group is a joint project with the LMT of ENS Cachan (<http://www.lmt.ens-cachan.fr>) applicants will have to stay at LMT in Cachan for a period of 6 months during their PhD work.

The Leibniz Universität Hannover aims, in particular, to promote women within the scope of the statutory provisions and, hence, emphatically invites qualified women to apply for these positions. Severely disabled applicants will be given preferential consideration in the event of equal qualification. The University expressly welcomes applications by scientists and researchers from abroad.

For further information, please contact Prof. Dr.-Ing. P. Wriggers, +49 511 762 2220/3220, wriggers@ikm.uni-hannover.de or Ms Dorit Schulte, +49 511 762 17834, schulte@ikm.uni-hannover.de, who will be pleased to assist.

Please send your application by using the application form (<http://www.music.uni-hannover.de/202.html>) and with the usual documents and papers by 31. July 2013 to apply@music.uni-hannover.de.

Gottfried Wilhelm Leibniz Universität Hannover

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<http://www.irtg1627.uni-hannover.de/projects>

<http://www.uni-hannover.de/jobs>