



Leibniz
Universität
Hannover

The International Research Training Group IRTG 1627/2 – ViVaCE “Virtual Materials and their Validation”: German-French School of Computational Engineering at Leibniz Universität Hannover invites applications for

10 PhD Positions in Virtual Testing of Materials and Structures (Salary Scale 13 TV-L, 100%)

The positions are funded by the Deutsche Forschungsgemeinschaft (DFG) and are available from October 2016 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 www.irtg1627.uni-hannover.de/270.html.

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 (France) for a period of 6 months during their PhD work.

As an equal opportunities employer, Leibniz Universität Hannover intends to promote women and men in the context of statutory requirements. For this reason suitably qualified women are specifically invited to apply. Equally qualified applicants with disabilities will be given preferential treatment. The University expressly welcomes applications by scientists and researchers from abroad. Intensive German language courses are provided.

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 full application by using the application form (<http://www.music.uni-hannover.de/202.html>) and with the usual documents and papers by **May 31, 2016** to schulte@ikm.uni-hannover.de

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**ViVaCE „Virtual Materials and their
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