

The Technische Universität Darmstadt (Germany) invites applications for a

**W3-Professorship for
Structural Dynamics and Structural Health Monitoring**
(Successor to Prof. R. Markert)

affiliated with the Department of Mechanical Engineering and starting on October 1st, 2012.

The holder of the position will represent the subject area of Structural Dynamics in research and teaching and will contribute significantly to the research focus “Structural Health Monitoring” within the LOEWE Center AdRIA (Center for Adaptronics - Research, Innovation, Application).

Teaching content involves the basic principles of Structural Dynamics at the Bachelor degree level and advanced topics at the Master degree level. The candidate must be capable of lecturing in German.

In research, classical topics of Structural Dynamics shall be in the foreground with a particular focus on mechanical dynamics. The successful candidate is sought with expertise in this area, able to create innovative, forward-looking research fields. Furthermore, within the LOEWE Center AdRIA and the research focus “Structural Health Monitoring”, he/she will develop methods for conditional monitoring of active mechanical structures and their realization.

In both research and teaching, strong collaboration with other faculty members in the Department of Mechanical Engineering as well as with other departments at the university is expected.

The position is tenured or tenure-track with a remuneration package commensurate with experience and qualifications, following the German “W-Besoldung” category. The regulations for employment are specified under §§ 61 and 62 HHG (Hessisches Hochschulgesetz). Candidates who hold a public servant status (Beamtenverhältnis) can be re-appointed under the same status.

The Technische Universität Darmstadt is an equal opportunity employer. The TU Darmstadt has the goal to increase the percentage of women where they are underrepresented. Women, therefore, are especially encouraged to apply. In case of equal qualifications, preference will be given to candidates with a disability.

Interested candidates should submit their application along with usual supporting documents to the Chairman of the Department of Mechanical Engineering, Prof. Dr.-Ing. Dipl.-Wirtsch.-Ing. Peter Groche, Petersenstraße 30, 64297 Darmstadt, Germany.

Reference number: 505

Application deadline: January 31st, 2012