



The Institute of Structural Analysis (ISD) invites applications for a position as a

Head of Research Unit (Experienced Researcher) (up to Salary Scale 15 TV-L, 100 %)

for leading the research unit „Composites“ and to be appointed at the earliest possible date. The initial contract is limited to five years, longtime employment is possible. The institute of Structural Analysis consists of two research units and works with 43 employees on multifunctional, lightweight and durable materials and structures for applications in wind energy, aerospace, automotive, and civil engineering.

Responsibilities and duties

The department “Composites” is performing research on development and validation of new computational methods for fibre reinforced materials and structures ranging from nano to macro scale (structural component). The research unit consists of 17 scientists working in four groups. The groups on material modelling, nano composites, and fatigue are headed by postdoctoral researchers, the fourth group, working on structures rather than on materials, will be led by the new unit head. The scientific focus of this group can be, depending on the experience of the new department head, either structural stability or morphing structures or topology optimization, the latter one associated with highly flexible additive manufacturing techniques.

The position of head of research unit entails coordinating the groups and representing the department within the institute. Leading the group comprises self-standing research, coordinating research projects, supervising Ph.D. students and submitting new research proposals.

Independent teaching on one of the fields of ISD is required.

For applicants at an early career stage, the opportunity for further scientific qualification towards a habilitation (2nd Ph.D) is supported.

Employment conditions

Candidates must have a Ph.D. in computational mechanics or computational structural analysis and should have a couple of years of experience as postdoctoral researchers.

A very good command of the German language (level B2) is essential and eagerness to achieve level C1 within one year.

The position is suitable for occupation by part-time workers provided that it can be covered to the full extent.



Leibniz
Universität
Hannover

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.

For further information please apply to Prof. Dr.-Ing. habil. R. Rolfes (Tel. +49 511 762-3867; Email: r.rolfes@isd.uni-hannover.de).

Please apply electronically attaching the usual material until 14.09.2018 with reference to “ref. no. 90” to

Email: sekretariat@isd.uni-hannover.de

Gottfried Wilhelm Leibniz Universität Hannover

Institut für Statik und Dynamik

Appelstr. 9A

30167 Hannover

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

Information on the collection of personal data according to article 13 GDPR can be found at <https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/>.