



We seek for a PhD candidate to work on a project within the DFG Priority Programme SPP 2256 “Variational Methods for Predicting Complex Phenomena in Engineering Structures and Materials”. The candidate will be supervised Prof. B. Stamm (Uni Stuttgart) in close collaboration with Dr. Franz Bamer (IAM, RWTH Aachen). The project deals with the development of reduced order models for the prediction of plastic events in disordered 2D-materials.

Your profile

- Excellent M.Sc. degree in applied mathematics, simulation science or computational engineering science
- Knowledge on modeling of materials at the atomistic scale with force-fields
- Interest and skills in the development and implementation of numerical methods

What we offer

- TV-L 13 75% position for at least 3 years
- Participation at the DFG Priority Programme “Variational Methods for Predicting Complex Phenomena in Engineering Structures and Materials”
- An international and interdisciplinary research environment between the University of Stuttgart and RWTH Aachen

Got interested? Please submit a CV, motivation letter, transcript, and up to 3 email contacts for recommendation through the official process of Stuttgart University, available via the QR code or this [link](#).

Any Questions? Contact us:
best@ians.uni-stuttgart.de

The University of Stuttgart is committed to diversity, diversity of perspectives and equal opportunity. Applications from people with a disability and their peers are especially welcome. Furthermore, we seek to increase the number of women in the chair. Applicants enhancing the diversity will be preferred if equally qualified.

PhD Position:

Variational model order reduction for the prediction of plastic events in disordered materials

