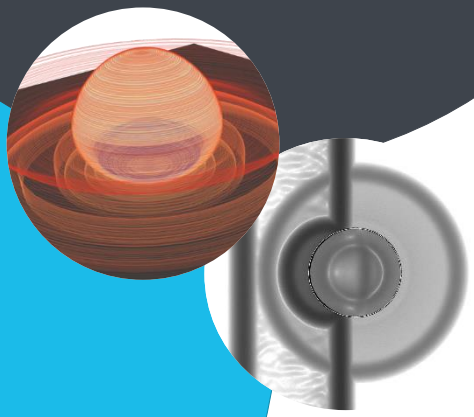
Universität Stuttgart
Institute for Applied Analysis und Numerical Simulation

Stuttgart, 01.09.2021

PhD Position:

Multiscale modelling for two-phase flow

The Applied Mathematics group at the Institute for Applied Analysis and Numerical Simulation searches for a PhD candidate to run a project on a cutting-edge topic in compressible two-phase flow. The objective is to understand the transfer of micro-scale transport processes at fluidic Interfaces like shock waves or phase boundaries to coarse-grained mathematical models.



Your profile

- Excellent MSc degree in mathematics, simulation technology or related
- Strong interests in mathematical modelling, applied analysis, and/or numerical simulation

What we offer

- TV-L 13 position for at least 3 years
- an international and interdisciplinary research environment
- Possible participation in a structured PhD programme within the Graduate School SimTech

Got interested? Any Questions?

Contact Prof. Dr. Christian Rohde via
✉ Christian.Rohde@mathematik.uni-stuttgart.de

Applications are accepted as long as the position is not filled.