

The chair of Numerical Mathematics for High-Performance Computing at the Institute for Applied Mathematics and Numerical Simulation searches for a Ph.D. candidate to run a project on a cutting-edge and interdisciplinary topic on efficient numerical methods with applications in computational chemistry. The objective is to develop efficient numerical methods based on computational differential geometry to predict and interpolate density matrices arising in DFT models (Density Functional Theory) within the SimTech cluster of excellence.

### Your profile

- Excellent MSc degree in mathematics, chemistry, computational engineering science, simulation technology, or related
- Strong interests in computational mathematics, simulation science, and/or computational chemistry

### What we offer

- TV-L 13 75% position for at least 3 years
- An international and interdisciplinary research environment within the SimTech cluster of excellence
- Participation in SimTech Graduate School

### Got interested? Any Questions?

Contact Prof. Dr. Benjamin Stamm via

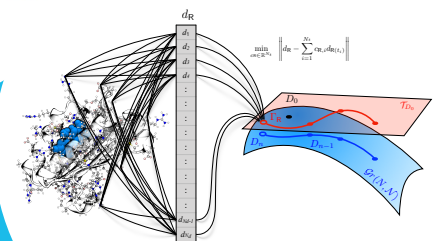
✉ [Benjamin.Stamm@ians.uni-stuttgart.de](mailto:Benjamin.Stamm@ians.uni-stuttgart.de)

Applications are accepted as long as the position is not filled. Please submit a CV, motivation letter, transcript, and one recommendation letter to

✉ [Brit.Steiner@ians.uni-stuttgart.de](mailto:Brit.Steiner@ians.uni-stuttgart.de).

## PhD Position:

# Mathematical aspects in computational chemistry



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