The chair of Numerical Mathematics for High-Performance Computing at the Institute for Applied Mathematics and Numerical Simulation searches for a Ph.D. candidate (or postdoc) to run a project on the *a posteriori* error estimation of nonlinear eigenvalue problems arising in Density-Functional Theory (DFT) of electronic structure calculation. The developed methods and estimators will be implemented and tested in the open-source DFTK software package, written in Julia.

**Your profile**
- Excellent Msc (or PhD) degree in applied mathematics.
- Specialization in applied mathematics and numerical analysis.
- Strong interests in application to electronic structure calculation.
- Interest and skills in the implementation of numerical methods.

**What we offer**
- TV-L 13 75% position for at least 3 years (TV-L 13 100% position for post-doc applications).
- An international and interdisciplinary research environment.

**Want more details?** Scan me or click on this [link](#).

**Any Questions?** Contact us:
- benjamin.stamm@ians.uni-stuttgart.de
- gaspard.kemlin@ians.uni-stuttgart.de

**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 above or this [link](#).