

## **Fully-funded PhD position (3 years)**

Computational Solid State Theory Group

**Group leader:** Fabio Caruso, J.-Prof. Dr.

**Web:** <https://cs2t.de/jobs>

**Institution:** Institute of Theoretical Physics and Astrophysics  
Christian-Albrechts-Universität zu Kiel, Germany

A fully funded (3-year) PhD position is available in Fabio Caruso's Computational Solid State Theory group ( <https://cs2t.de> ) at the University of Kiel, Germany.

The selected candidate will be hired for 3 years by the University of Kiel and will work under direct supervision of Fabio Caruso on the development of new theoretical and computation approaches for the study of electron-phonon interactions, ultrafast processes, and many-body phenomena in two-dimensional materials. Competitive remuneration based on DFG personell rates (75% TV-L E13) should be expected.

Applicants should have a Master (or equivalent) degree in Physics, Chemistry, or Materials Science and a strong background in solid-state physics. Former experience with first-principles electronic-structure calculations, and Fortran/Python programming will be an advantage, but it is not indispensable. Interested candidates should apply by sending (1) a cover letter, (2) a curriculum vitæ, and (3) one letter of recommendation at [caruso\[at\]physik.uni-kiel.de](mailto:caruso[at]physik.uni-kiel.de).

Applicants are encouraged to contact Fabio Caruso for further informations.