

**POSTDOCTORAL RESEARCH POSITION
in Condensed Matter Theory
at the Institute for Theoretical Physics**



The research group of Prof. Roser Valentí at the Institute for Theoretical Physics, Goethe University of Frankfurt has an opening for a two-year postdoctoral position (with possibility of extension) in the field of computational solid state physics / strongly correlated systems.

Applications are invited for a postdoctoral research position in solid state physics at the Institute for Theoretical Physics of the Goethe University of Frankfurt.

The candidate should have a PhD degree in theoretical condensed matter physics with an excellent academic background and good computational skills. Experience in the field of correlated electron systems with special emphasis on Quantum Monte Carlo simulations and density functional theory (DFT) is expected.

The research will be in the fields of:

- unconventional superconductors (copper oxides, Fe-based superconductors, organic superconductors)
- frustrated magnetism
- ab initio Quantum Monte Carlo
- DFT+DMFT (Dynamical Mean Field Theory)

The appointment will start at the earliest after a suitable candidate has been chosen. The selection process will take place as soon as possible until the position is filled.

Interested applicants should submit a curriculum vitae, a summary of the past research activities and arrange for three reference letters to be sent to

Institute for Theoretical Physics

Prof. Roser Valentí

mrv@itp.uni-frankfurt.de (please use only this email address)