The SFB-ViCoM on Computational Material Science
funded by the Austrian Science Fund (FWF) and the German Research Foundation (DFG) invites applications for

1 PhD position

in Theoretical Condensed Matter Physics at the University of Tübingen.
We offer a stimulating environment to pursue research projects focused on the development, implementation and application of a novel many-body method at the interface of electronic structure theory and the quantum many-body physics of effective low-energy models. In particular, the proposed project involves functional renormalization-group based approaches developed within our group and the SFB-ViCoM (www.sfb-vicom.at), where the expertise of the participating researchers ranges from ab initio methods to many-body approaches.
Prospective candidates should hold a master degree in physics and have a strong interest in theoretical condensed matter physics and computational modeling. A background in advanced quantum many-body methods is desirable but not compulsory.
We offer a 3-year doctoral research positions (75% TV-L E13), starting immediately.
Applications including a CV, a documentation of academic record and a brief description of the Master thesis project should be sent to Prof. Sabine Andergassen (sabine.andergassen@uni-tuebingen.de). Candidates should also arrange for two letters of recommendation.