



Job advertisement

Project title:	Ab initio modelling and design of correlated materials
Job type:	PhD-student
Salary:	E13 GU 50%
Duration:	The engagement will be for 3 years starting as soon as the position is filled
Job description: <p>This position is part of a DFG funded project in the TRR 49 “Systems with variable many-body interactions” on the topic of <u>“Correlations in doped antiferromagnets”</u>.</p> <p>Applications are invited for a PostDoc research position in solid state physics at the Institute for Theoretical Physics of the Goethe University of Frankfurt.</p> <p>The candidate should have a diploma/M.Sc. in physics with an excellent academic background and good analytical and programming skills. Knowledge on many-body condensed matter methods and bandstructure calculations is required.</p> <p>The focus of the work will be the microscopic description of the behavior of correlated electron systems and unconventional superconductors by a combination of Density Functional Theory calculations and Many-body methods.</p> <p>Interested applicants should submit a curriculum vitae and arrange for three letters of reference to be sent to the address below.</p> <p>For more information see http://www.itp.uni-frankfurt.de/~valenti, http://www.itp.uni-frankfurt.de/~jeschke</p> <p>Applicants with children are welcome. We explicitly encourage qualified female candidates to apply.</p> <p>Disabled persons with equivalent qualifications will be considered first.</p>	
Apply to:	Institute for Theoretical Physics

E-mail	mrv@itp.uni-frankfurt.de
postal mail	Institute for Theoretical Physics Secr. Prof. Valenti Max von Laue-Str. 1 60438 Frankfurt a. M., Germany
Application deadline:	July 10th, 2011