



PhD and postdoc openings in experimental and theoretical spintronics



Department of Physics
University of Regensburg
Germany

SFB 689

Department of Physics of the University of Regensburg invites applications for PhD and postdoctoral positions in the experiment and theory of spin transport in condensed matter, starting in January 2006 or later. The research interest areas include

- spin transport in nanotubes, nanowires, and molecules
- magnetic semiconductors: thin films and quantum structures
- semiconductor heterostructures and hybrid systems

The successful candidates will pursue vigorous research in the aforementioned topics within the framework of the newly established Collaborative Research Center “Spin phenomena in reduced dimensions” (SFB 689). The Research Center comprises the experimental groups of C. Back, G. Bayreuther, S. Ganichev, D. Schuh, C. Schüller, C. Strunk, J. Vancea, G. Woltersdorf, W. Wegscheider, D. Weiss, and J. Zweck, and the theory groups of G. Cuniberti, J. Fabian, M. Grifoni, K. Richter, and J. Schliemann. The atmosphere of the Department as a whole is friendly and informal, providing a nice international mixture of young graduate and postdoc researchers who wish to launch a successful career in physics.

The applicant should have a MS or equivalent Diploma degree (for PhD positions) and a PhD (for postdoc positions) in condensed matter physics from a respected higher education institution. Experience in spintronics or quantum transport is helpful but not required. The salary will be on a German BAT scale, commensurate with age, family status, and experience.

Applications, comprising a letter of interest, professional cv, and a list of publications, together with at least two recommendation letters should be sent to Mrs. Claudia Rahm at claudia.rahm@physik.uni-regensburg.de. Applications are accepted until the positions are filled. Further information is available under www.physik.uni-regensburg.de/SFB689.