

UNIVERSITY BIELEFELD

Department of Mathematics

Open Non-Tenure Positions within the Collaborative Research Centre (CRC) 701

"Spectral Structures and Topological Methods in Mathematics",

supported by the Deutsche Forschungsgemeinschaft

Applications are invited for several pre- and postdoctoral temporary positions in Mathematics.

The applicants are expected to work within the Collaborative Research Centre (CRC) 701 "**Spectral Structures and Topological Methods in Mathematics**", at the Department of Mathematics of the University of Bielefeld. The projects of the Centre are devoted to a number of areas including Algebra and Representation Theory, Algebraic Geometry, Arithmetic Groups, Homotopy Theory and Topology, Stochastic Analysis, Stochastic Dynamics on manifolds and in random environments, Dynamical Systems, Spectral and harmonic Analysis, Numerical Mathematics and Bifurcation Theory. The research profile of this CRC emphasizes in particular links between classical areas of Algebra and Geometry with areas in Analysis, Numerical Mathematics and Stochastics.

The positions will ultimately end with the end of the CRC project (at the time being June 30, 2013), but may as well be timely restricted by the qualification situation of the applicants.

Applicants for predoctoral positions are expected to have a diploma or a masters degree in Mathematics (or equivalent), these positions are typically half time jobs (20 hours/week).

Applicants for postdoctoral positions are expected to have a doctoral degree in Mathematics or equivalent.

Persons taking up one of the positions are expected to:

- participate in one of the research projects of the CRC: [B5](#), [B7](#), [C1](#) or [C7](#)
- have an interest in the other research projects of the CRC, and to be open to the possibilities of cooperation with them.

Details concerning the scientific endeavour of the Collaborative Research Centre can be found on the web sites <http://www.math.uni-bielefeld.de/sfb701/>. **The application has to refer to one of the research projects of the CRC.**

The university wants to promote woman in science and is particularly looking forward to receive applications from qualified female researchers. Applications of handicapped people will be given preference in the selection among equivalently qualified competitors.

Applications should include a curriculum vitae with details on scientific career, a list publications, presentations, successful grant applications, as well as a description of scientific interests and research plans for the future. Applications should be sent until October 24, 2011 to

Email: crc701@math.uni-bielefeld.de

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