



Karlsruhe Institute of Technology

The Collaborative Research Center (CRC) 1173 “Wave phenomena – analysis and numerics” at the Karlsruhe Institute of Technology announces two positions of a

Junior Research Group Leader in Mathematics

in one of the research fields Analysis and/or Numerical Analysis of Partial Differential Equations related to wave phenomena starting July 1st, 2017 or later.

The CRC is funded by the German Research Foundation (DFG). Its goal is to analytically understand, numerically simulate, and eventually manipulate wave propagation under realistic scenarios by intertwining analysis and numerics. See www.waves.kit.edu for a list of participating scientists and project descriptions.

Job description: With this position the CRC promotes outstanding young scientists on their path towards a scientific career. The Junior Research Group Leader will independently develop her/his own research projects. We expect him/her to contribute as a principal investigator to the renewal proposal of the CRC into its second funding period (7/2019-6/2023). The successful candidate can apply for a KIT Associate Fellowship which allows to supervise doctoral researchers.

The position is endowed with a PhD position and includes a budget for travel and guests. It is temporary and guaranteed for four years. Depending on the success in the renewal proposal of the CRC, the position of the Junior Research Group Leader can be extended until 6/2023.

Required qualification: Candidates hold a PhD in Mathematics, have at least two years of postdoctoral and some international research experience. They have demonstrated their scientific independence by excellent publications in the field of Analysis and/or Numerical Analysis of Partial Differential Equations.

Salary: Payment is according to the wage agreement of the civil service TV-L, E14.

KIT is pursuing a gender equality policy. Women are therefore particularly encouraged to apply. If qualified, handicapped applicants will be preferred.

Application: Applications (one pdf document) should be submitted until **April 20th, 2017** by email to: office@waves.kit.edu supplemented by a research proposal (max. 3 pages including a research plan, potential collaborations within the CRC, and suggestions for a PhD project, contact information for at least one letter of recommendation, and a web link to all publications. Questions can be addressed to the speaker of the CRC Prof. Marlis Hochbruck, email: marlis.hochbruck@kit.edu.



KIT – University of the State of Baden-Württemberg and National Laboratory of the Helmholtz Association