

The Collaborative Research Center “Wave phenomena – analysis and numerics” (CRC 1173), is currently seeking to recruit, starting February 1st, 2019, limited to four years,

Junior Research Group Leaders in Mathematics (f/m/d)

with a research focus in one of the research fields Analysis and/or Numerical Analysis of Partial Differential Equations related to wave phenomena.

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.

With these positions the CRC promotes outstanding young scientists on their path towards a scientific career. The Junior Research Group Leaders will independently develop their own research projects. The successful candidates can apply to become KIT Associate Fellows allowing them to supervise doctoral researchers.

Each of the positions 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 of the Junior Research Group Leader the position can be extended for another two years. In addition, the Junior Research Group Leaders have the opportunity to participate in the competitive selection process of the Young Investigator Group Preparation Program ([YIG Prep Pro](#)) when taking over the position. YIG Prep Pro offers individual mentoring and support in writing a proposal for a third-party funded junior research group. For successful candidates who establish a third-party funded junior research group at KIT, a suitable junior professorship with or without tenure track will be advertised.

KIT is a family-friendly university with childcare and various support programs for families.

You must have a PhD in mathematics and at least two years of postdoctoral and some international research experience. You have demonstrated your scientific independence by excellent publications in one of the research fields: Analysis and/or Numerical Analysis of Partial Differential Equations.

Candidates provide one pdf document which includes a research part of max. five pages consisting of a research plan, potential collaborations within the CRC, and suggestions for a PhD project. The document is supplemented by contact information for at least one letter of recommendation, and a web link to all publications including the PhD thesis.

We offer an attractive and modern workplace with access to excellent facilities of KIT, diverse and responsible tasks, a wide scope of advanced training options, supplementary pension with the VBL (Pension Authority for Employees in the Public Service Sector), flexible working time models, a job ticket (BW) allowance, and a cafeteria/canteen.

We prefer to balance the number of employees (f/m/d). Therefore, we kindly ask female applicants to apply for this job.

If qualified, severely disabled persons will be preferred.

Please apply online (<http://www.pse.kit.edu/job/1159/2019>) until **January 6th, 2020** using the vacancy number **1159/2019** and reference number **8**. Personnel support is provided by Mr. Münch, Personalservice, Karlsruhe Institute of Technology (KIT), Campus Süd, Kaiserstraße 12, 76131 Karlsruhe. For further information, please contact Prof. Marlis Hochbruck, phone 0721/608-42060 or Ms Laurette Lauffer, phone 0721/608-42061.



Further details can be found on our website: www.kit.edu.

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