

## Welcome to the CRC 1173 “Wave phenomena”

We are glad that you are joining the CRC!

You will find some helpful information concerning your new job in the following and enclosed.

### A few details:

The *Karlsruhe Institute of Technology*, briefly referred to as KIT, was established by the merger of the Forschungszentrum Karlsruhe and the University of Karlsruhe (TH) on October 01, 2009. KIT combines the tasks of a university in the state of Baden-Württemberg with those of a research center of the Helmholtz Association in research, teaching, and innovation.

The *Collaborative Research Centre (CRC) 1173* at KIT has been funded by the Deutsche Forschungsgemeinschaft (DFG) since 2015. The CRC can be funded for a maximum of 12 years and have to reapply for the research program every four years. At the moment CRC 1173 is in the third funding period and working on more than 22 scientific projects guided by one or more Principal Investigators (PIs) and has five research sites (Bonn, Karlsruhe, Stuttgart, Tübingen, and Vienna). Most of the engaged working groups are situated at KIT. The Speaker of the CRC 1173 is Professor Marlis Hochbruck and the deputy speaker is Professor Wolfgang Reichel, they are supported by the board.

### Where do I find what?

Most of the important information on the CRC can be found at [www.waves.kit.edu](http://www.waves.kit.edu). Organizational matters like workflows or templates are provided and explained on our internal area [www.waves.kit.edu/intranet.php](http://www.waves.kit.edu/intranet.php).

As a **doctoral researcher** or a member of our Integrated Research Training Group (iRTG), you will find [links/workflows](#) in the intranet of the CRC to all important information.

Please subscribe to the CRC calendar where you will find all CRC events:

<http://www.waves.kit.edu/calendar.ics>

### Overview of the most important information

#### General information:

- We must acknowledge financial **support through the Deutsche Forschungsgemeinschaft (DFG)** in all publications or other scientific papers/posters of the researchers of the CRC. The following sentence has to be mentioned: „**Funded by the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) – Project-ID 258734477 – SFB 1173**“
- The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) has approved a code of conduct Guidelines for Safeguarding Good Research Practice which

also applies to all CRCs. The code states: [...] **Software programmed by researchers themselves is made publicly available along with the source code.** [...]

For further details see [https://www.waves.kit.edu/wf\\_helpinghandsoftware.php](https://www.waves.kit.edu/wf_helpinghandsoftware.php).

As participants of the CRC, you will receive financial **support for traveling** concerning the CRC, for example when you are presenting your scientific results at a conference. These travels have to be approved by the speakers of the CRC in advance. The workflow for traveling can be viewed on the internal web pages.

All CRC participants have the opportunity to recommend **guest researchers** for an invitation by the CRC. You can send your proposal to the speakers at any time.

**From the doctoral researchers we expect an update of their report page periodically (see [here](#)) and a presentation of a poster or a talk during the annual meeting of the CRC. In addition, the doctoral students are expected to attend the CRC scientific program, especially in the CRC seminar. Together with their supervisors they decide which of the curricular lectures are most suitable for them to make progress with their thesis work. During their time within the iRTG, the doctoral researchers should complete a total of 8 semester hours of [lectures](#) and attend at least two RTG lecture series.**

#### Events:

- In the **CRC seminar** participants and guests of the CRC are presenting an overview of their research related to the CRC to an interdisciplinary audience. Three times a term the CRC seminar treats topics of partial differential equations and therefore is named the **PDE seminar**.
- Bi-weekly we will meet for the **CRC tea** in Karlsruhe. Everyone interested in the CRC is welcome.
- Every spring we will get together at our **annual meeting** to keep everyone up-to-date on the respective projects. The annual meeting is a mandatory event for all participants of the CRC.
- For doctoral researchers, we offer additional workshops within our **qualification program** of the Integrated Research Training Group. These are the RTG lecture and several workshops, furthermore, there is training/coaching on technical and interdisciplinary skills. **One workshop, “Good scientific practice” is mandatory and will be offered annually.**

#### From whom can I request information?

For support of all questions concerning the CRC you can address yourself to the coordination team:

- [Barbara Valnion](#) (for administrative issues: employment, finances, events)
- [Christian Knieling](#) (for the technical question and events)
- [Sonja Becker](#) (general information – office)

You also can reach us at our common e-mail address: [admin@waves.kit.edu](mailto:admin@waves.kit.edu).

We look forward to working with you and hope you accustom yourself quite quickly.  
The team of the CRC 1173 “Wave phenomena”

Karlsruhe, December 2025

