ABOUT FRAUNHOFER SCAI

The Fraunhofer Institute for Algorithms and Scientific Computing SCAI combines know-how in mathematical and computational methods, with a focus on the development of innovative algorithms and their take-up in industrial practice – bringing benefits for customers and partners.

SCAI's research fields in Computational Science include machine learning and data analysis, optimization, multiphysics, energy network evaluation, virtual material design, multiscale methods, high performance computing, and computational finance.

In the field of bioinformatics, SCAI offers its customers comprehensive services in information extraction (text mining). Here, the most important application field is the modelling of neurodegenerative diseases.

Connections to university research are established through the chair of Prof. Dr. Michael Griebel at the University of Bonn. SCAI also cooperates with the Bonn-Aachen International Center for Information Technology (B-IT) and the Bonn-Rhein-Sieg University of Applied Sciences.

CONTACT

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Our vacancies can be found at:
www.scai.fraunhofer.de/de/karriere/stellenangebote.html
www.facebook.com/fraunhofer.scai
www.twitter.com/fraunhofer_scai
Fraunhofer SCAI is looking forward to receiving applications from graduates in mathematics, computer science, natural sciences and engineering.

Ideally, you have knowledge and experience in at least one of the following areas:

- Numerical algorithms and simulations
- Data analysis, machine learning methods and statistics
- Combinatorial optimization and operations research
- Integration and evaluation of algorithms in industrial applications
- Development of web applications (HTML, CSS, JavaScript)
- Software technology
- Data processing methods and techniques for visualizing data
- Programming experience in larger projects
- Experience in handling development tools

Very good knowledge in software development is an advantage, especially knowledge of a higher-level programming language such as C, C#, C++, Java, Python or Fortran.

Fraunhofer SCAI is well connected in the national and international research ecosystem in its areas of activity. In the institute’s departments, researchers from numerous countries cooperate in an interdisciplinary working environment. Our corporate culture is characterized by openness and tolerance.

At SCAI, career starters can expect challenging tasks with responsibility and plenty of creative leeway. In their work, they benefit from an excellent hardware and software infrastructure.

Further training and qualification are central components of our individually tailored career development.

In particular, we support doctoral projects. In collaboration with cooperating universities, topics from current scientific projects can be worked on. A doctoral seminar series at the institute promotes the exchange with other doctoral students.

The compatibility of family and career is supported by flexible working hours and part-time employment models.

We would like to hear from you, either in response to an advertised opening or in the form of an unsolicited application. Please let us know in which business fields or topics you would like to work.

Preferably, we would like you to send your application documents in the form of a PDF file to the e-mail address recruiting@scai.fraunhofer.de

We guarantee that we will carefully examine your application and will give feedback as soon as possible.