»At Fraunhofer SCAI, I can excel as both a researcher and an entrepreneur.«

Dr. Alpha Tom Kodamullil
Deputy Head of Business Area Bioinformatics

About Fraunhofer SCAI

The Fraunhofer Institute for Algorithms and Scientific Computing SCAI develops innovative methods in the field of computational science and implements them as a partner of industry.

The institute models and optimizes industrial processes, developing software and services for product design, process development, and production.

The institute's business areas are Bioinformatics, Computational Finance, High-Performance Computing, Multiphysics, Meshfree Multiscale Methods, Network Evaluation Technologies, Numerical Data-Driven Prediction, Optimization, Fast Solvers, and Virtual Material Design.

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Fraunhofer SCAI

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Change starts with us.

Launch your career with Fraunhofer SCAI

Ready to make an impact? Discover new opportunities

Do you have a STEM degree? Then Fraunhofer SCAI is the right place for you.

The institute offers direct entry into an exciting field with the option to pursue a doctorate. Fraunhofer supports personal and professional development through numerous qualification programs.

For female university graduates and junior managers, Fraunhofer has set up the TALENTA Program. It aims to provide guidance for career entry and to strengthen skills for a career in applied research.

Work-life balance is supported through flexible working hours and the option to work remotely.

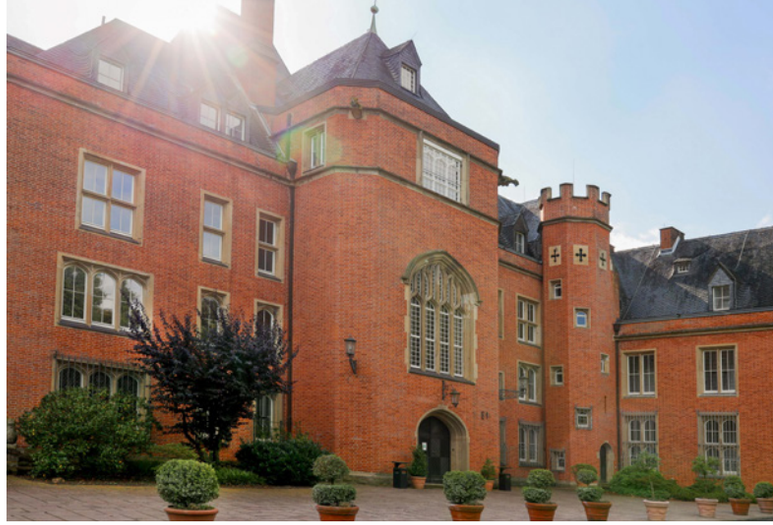
Research for the future at Fraunhofer SCAI

Through an extensive national and international network, Fraunhofer SCAI advances research and business in its specialized fields. Scientists from many nations collaborate in an interdisciplinary environment in the institute's departments. The institute provides excellent hardware and software equipment.

Close collaborations with leading institutions further enrich Fraunhofer SCAI's work, including partnerships with the Institute for Numerical Simulation (INS) at the University of Bonn, the Bonn-Aachen International Center for Information Technology (b-it), the University of Applied Sciences Bonn-Rhein-Sieg, and the University of Applied Sciences Koblenz (RheinAhrCampus in Remagen).

Electricity from renewable energy sources helps to combat climate change. Fraunhofer SCAI researches new types of flow batteries for low-cost storage of excess electricity.

Digital twins are essential in modern manufacturing. Fraunhofer SCAI's software solutions support engineers in planning and design.



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