



Digital twins have become indispensable in modern manufacturing. Fraunhofer SCAI's software solutions provide engineers with powerful support in both planning and design.

About Fraunhofer SCAI

The Fraunhofer Institute for Algorithms and Scientific Computing SCAI excels at combining expertise in mathematical and computational methods. It focuses on developing and implementing innovative algorithms in industrial practice, delivering substantial benefits to its customers and partners. One of the institute's key specialties is the development of professional software.

The ten business areas of Fraunhofer SCAI encompass the entire spectrum from research to customer-specific solutions: Bioinformatics, Optimization, Multiphysics, Fast Solvers, High Performance Computing, Network Evaluation Technologies, Virtual Material Design, Numerical Data-Driven Prediction, Meshfree Multiscale Methods, and Computational Finance.

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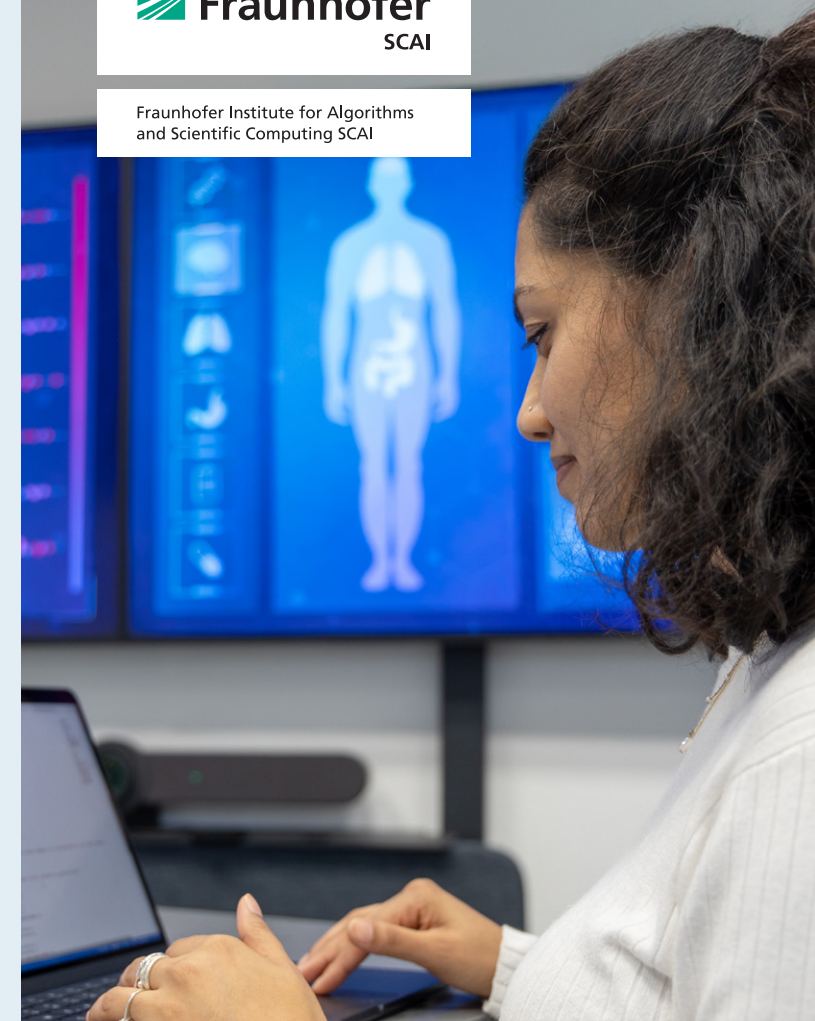
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Fraunhofer Institute for Algorithms and Scientific Computing SCAI



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Ready to make an impact?

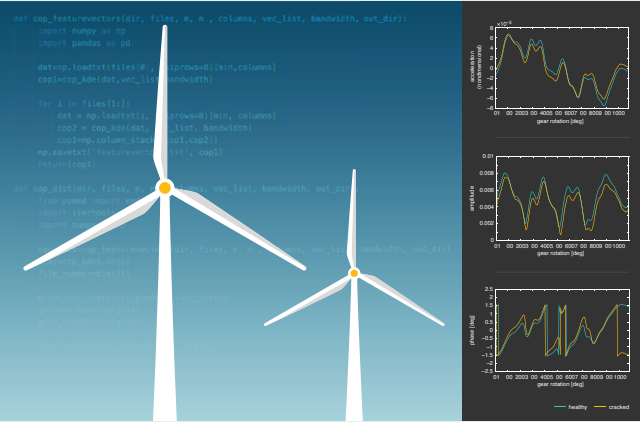
Discover new opportunities

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.



By applying artificial intelligence techniques, anomalies in wind turbine sensor data can be identified. In this way, damage resulting from material fatigue can be mitigated.

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 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).



Fraunhofer SCAI brings together employees from across the globe. In this photo, members of the business area Bioinformatics are celebrating the Persian New Year together.



Now it's your turn

Fraunhofer SCAI warmly welcomes applications, including expressions of unsolicited interest. Please let us know which business area or research field you want to work in.

Your application is carefully reviewed, with a timely response ensured.

Apply now!

For job opportunities and more information, visit:

www.scai.fraunhofer.de/en/career