ABOUT FRAUNHOFER FHR

For more than 50 years, the Fraunhofer Institute for High Frequency Physics and Radar Techniques FHR has focussed on the fine-tuning of existing radar systems and the development of new radar techniques. The institute develops concepts, techniques and systems for electromagnetic sensors together with innovative signal processing methods and state-of-the-art technologies from the microwave range through to the lower terahertz range. Its internationally acknowledged and valued competence covers almost every aspect of modern radar technology. With a budget of approx. € 22 million (2013) and approx. 270 employees, Fraunhofer FHR is one of the largest radar research institutes in Europe.

With its space observation radar TIRA, comprehensive facilities for analogue and digital printed circuit board technology, measurement capability into the terahertz range, several anechoic chambers, vehicles equipped with radar systems and an ultra-light aircraft for airborne radar surveillance, Fraunhofer FHR offers excellent possibilities not only for developing modern electromagnetic sensor systems, but also for training technical and scientific personnel.

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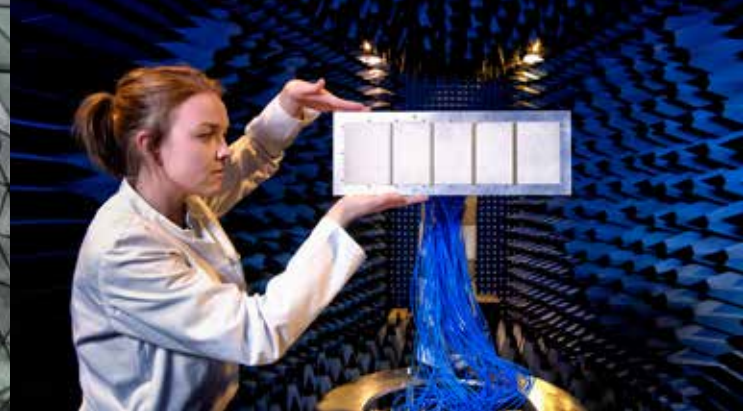
YOUR FUTURE AT FRAUNHOFER FHR



STUDENTS AND GRADUATES

Find the foreign object in the chocolate. Detect air bubbles in composite materials. Or even discover satellites in space. With radar and high frequency technology you can make the hidden visible.

At Fraunhofer FHR, we conduct research on these and many other exciting themes. We are always on the lookout for creative people who can help us to move high frequency research another step forward.

We gladly employ:

- student assistants
- students who would like to write their thesis in our institute
- students who wish to gain experience during a practical semester
- doctoral candidates
- scientific staff members

WHAT WE OFFER YOU

Practice-oriented research
We conduct research into future technologies which are of direct use to industry and of benefit to society.

Training opportunities
We support your further development in a variety of ways: seminars, e-learning and individual training measures.

Attractive employer
The latest surveys reveal that the Fraunhofer-Gesellschaft is one Germany's the most popular employers.

International
At Fraunhofer FHR, you will be part of an international team that engages in international projects.

Optimal work-life balance
Productivity and relaxation go hand-in-hand. We therefore welcome a healthy balance between work and leisure. AT FHR, many colleagues meet after work to pursue common hobbies.

DOCTORAL CANDIDATES

We attach great importance to the training of qualified junior scientists. Postgraduate students are therefore integrated into the team and are given the support they need to complete their doctorate.

We support, in particular, young engineers who would like to prepare their dissertation within the framework of the „International Postgraduate Programme (IPP) Multi Sensorics" of the University of Siegen / Center for Sensor Systems (ZESS). This program offers opportunities to conduct interdisciplinary research into various aspects of multi-sensor technology. The program foresees a study period of three years. The dissertation can be written in German or English (more information available at www.zess.uni-siegen.de).

The Director of FHR, Prof. Dr.-Ing. Joachim Ender, holds a professorship for „High Frequency Sensors and Radar Techniques" at the University of Siegen. In his role as doctoral supervisor, he supports the postgraduates at the institute and guarantees a balanced working environment between science and applied research.