

DESTINATION FRAUNHOFER IIS





Dear students, dear alumni,

the Fraunhofer Institute for Integrated Circuits IIS is one of the world's leading application-oriented research institutions for microelectronic and IT system solutions and services. In conjunction with a network of international partners, Fraunhofer IIS conducts top-level research for the immediate benefit of industry and the greater good of society.

As an institution devoted to applied research, we are at the forefront of technological innovation, striving to be a catalyst for tomorrow's technologies and applications.

We look forward to meeting you.

Prof. Albert Heuberger
Director Fraunhofer IIS

IT IS QUITE FASCINATING,...



1

... that the **magnetic field sensor** by Fraunhofer IIS keeps my washing machine running smoothly by balancing the load during the spin cycle.

iis.fraunhofer.de/magneticfieldsensor

2

... that the movie variety in the theaters will stay just as plentiful, because Fraunhofer IIS **easy DCP** software makes creating digital films easier for smaller post-production and production facilities.

<http://s.fhg.de/en-easydcp>

3

... that grandma will be able to hear me much clearer on the cell phone, because Fraunhofer IIS is co-developing a **new audio standard** to improve the call quality of mobile phones.

<http://www.full-hd-voice.com>

4

... that my fitness shirt can monitor my calorie consumption because it is equipped with **Fraunhofer sensor technology**.

iis.fraunhofer.de/sensortechnology

5

... that it feels like sitting in a concert hall when listening to music because my cell phone features **Fraunhofer Cingo**.

<http://s.fhg.de/en-cingo>

6

... that I get to know the speed at which a player is running while I am watching a soccer game, because the **RedFIR® technology** by Fraunhofer tracks the players in real time.

iis.fraunhofer.de/redfir

7

... that cars become safer, because the entire vehicle can be scanned in the Fraunhofer IIS **LINAC hall**.

<http://s.fhg.de/en-ct>

LEADING THE WAY AHEAD

In the worlds of science and business Fraunhofer IIS has become a name synonymous with excellence. Our customers are international businesses, local companies and public bodies.

With the development of mp3 Fraunhofer IIS has gained worldwide recognition and is the largest institute within the Fraunhofer-Gesellschaft today.

In close cooperation with partners and clients the institute provides research and development services in the following research areas: Audio & Multimedia, Imaging Systems, Energy Management, IC Design and Design Automation, Communication Systems, Positioning, Medical Technology, Sensor Systems, Safety and Security Technology, Supply Chain Management, Non-destructive Testing.

Fraunhofer IIS with its headquarters in Erlangen, Germany, has further branches in Nuremberg, Fürth, Würzburg, Ilmenau, Dresden, Bamberg, Deggendorf, Coburg, and Waischenfeld.

WHAT OUR EMPLOYEES HAVE TO SAY



For more information, job opportunities and the application 101, please visit:
www.iis.fraunhofer.de/en/jobs.html

»It is exciting to see that even ambitious goals can be met if you are working as a team. With this sense of community and team spirit breaking new grounds seems to be much easier. This is the future.«



*Virginia Voland, mathematician at
»Development Center for X-ray Technology«*

»Working at IIS/EAS is great. The international projects give me the chance to conduct cutting-edge research. With the network of industry partners I can have the findings turned into practical applications, giving me the impetus for further research.«



*Stephan Schulz, group manager »Heterogeneous System Specification« at Fraunhofer IIS,
Design Automation Division EAS*

»What makes my work interesting is the challenge to implement top-level research results in industrial applications. I learn something new every day and deeply appreciate the supportive and friendly atmosphere between colleagues.«



*Christof Schlund, group manager
»RF Circuit Technology« at Fraunhofer IIS*

»Fraunhofer IIS shows great confidence in students. I am given the opportunity and time to look into new topics and deepen my knowledge in workshops. Work here is goal driven and my opinion matters – I like it.«



*Martin Pfeiffer, student assistant
for »Audio & Multimedia« at Fraunhofer IIS*



THE RIGHT FIT

At Fraunhofer Institute for Integrated Circuits IIS you can grab the future and make a difference already in your first semester. Enjoy the established reputation for excellence at the front rank of applied research and development and gain hands-on experience to boost your professional skills.

Each workplace is furnished with state-of-the-art technology. Working hours are flexible and can be matched to fit your schedule. Our institute has a lot to offer when it comes to work-life balance, e.g. while in the office, young parents know their children in the capable hands of the affiliated child care center nearby.

A FINE STEP FORWARD

You will be working in an international environment with access to research institutions and industry partners around the globe. Your tasks include highly attractive research and industrial projects for the market of the future. You will be working independently and assume responsibility in a motivated team environment.

Use our concept for career advancement to enhance your professional profile and help you tackle project challenges. We will support you in all questions related to your personal and professional development.

MATCHING AREAS OF STUDY AND RESEARCH AREAS

	<i>Areas of Study</i>	Electrical Engineering	Computer Science Business IT	Information and Communication Technology	Mathematics	Mechatronics	Media Technology	Medical Technology	Physics	Industrial Engineering Economics
<i>Research Areas</i>										
Audio & Multimedia		■	■	■	■		■	■	■	
Imaging Systems		■	■			■	■			
Energy Management		■	■	■						
IC Design and Design Automation		■	■	■					■	
Communication Systems		■	■	■			■		■	
Positioning		■	■	■			■			■
Medical Technology		■	■	■		■		■	■	■
Sensor Systems		■	■	■						
Safety and Security Technology		■	■	■						
Supply Chain Services			■		■					■
Non-destructive Testing		■	■		■	■		■	■	

The student pathways at Fraunhofer IIS:

- Intern
- Student assistant
- Bachelor's and master's degree program: Students have the opportunity to complete their thesis at Fraunhofer IIS in consultation with their university.
- Graduate direct entrants

For more, please see:

WWW.IIS.FRAUNHOFER.DE



We look forward to receiving your E-mail application
(cover letter, CV, certificates, all in PDF format).

Fraunhofer Institute for Integrated Circuits IIS

Director
Prof. Dr. Albert Heuberger

HR Recruiting
Am Wolfsmantel 33
91058 Erlangen

Phone + 49 9131 776-1651, -1654
personalmarketing@iis.fraunhofer.de

 [@FraunhoferIIS](https://twitter.com/FraunhoferIIS)
 facebook.com/FraunhoferIIS
 xing.com/companies/fraunhoferiis
 linkedin.com/company/fraunhofer-iis

