

Career at Fraunhofer IGP

The future cannot be shaped?
IT CAN—with us!

At Fraunhofer this tension is the key to success: only those who are willing to create new paths can shape the future. With us, you have the chance to make a significant contribution to worldwide growth, competitiveness and employment by turning scientific innovation into tangible products. How can you help shape society?

We look for individuals who are committed to their field of research, and whose professional expertise we can rely on to help shape the future. Our excellently fitted offices, laboratories, and workshops in combination with a work culture defined by team spirit, create the best possible conditions for our projects to succeed.

At Fraunhofer IGP in Rostock, you will have the opportunity to work on projects that matter in various fields such as underwater manufacturing, intelligent agricultural technology or the transformation of maritime energy supply.

Further Information about Fraunhofer IGP



Fraunhofer IGP



Competences



Imagefilm



For more movement in scientific research.

Your road to us!

At Fraunhofer IGP everyone is welcome:

- Administrative and technical staff
- Research staff
- Student research assistants
- Apprenticeships

For practical work experience:

- Internships for students
- Internships for pupils

A position with Fraunhofer is more than a place of work. With us, you profit from a network of industry partners as well as from interactions with experts of various fields.

Further information:

www.igp.fraunhofer.de/en/career



Our institute performs nearly 100 accredited tests in accordance with various DIN standards. Please contact us for further information on our accredited testing services.



Fraunhofer Institute for Large Structures in Production Engineering IGP

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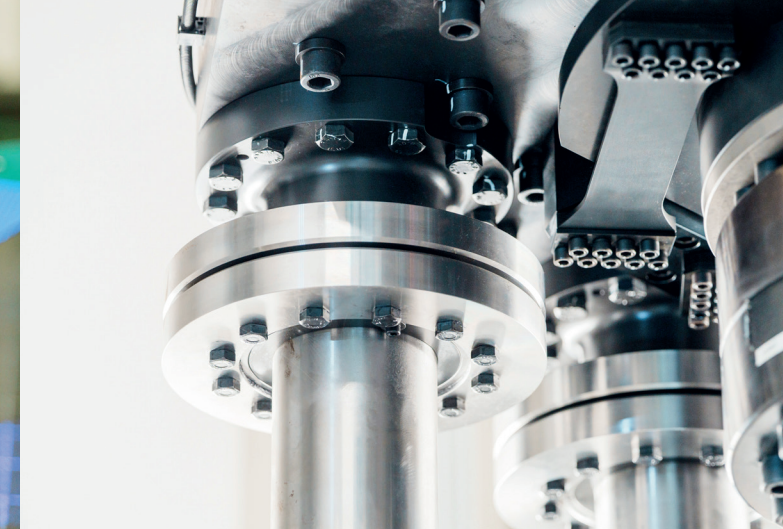
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Fraunhofer Institute in
Mecklenburg-Western Pomerania

Fraunhofer IGP
at a Glance

www.igp.fraunhofer.de/en.html



Solutions for Specific Challenges in Production

Dependable research partner in Mecklenburg-Western Pomerania

Large structures. Designed for the future.

Whether it is ships, wind turbines, or agricultural machinery - wherever large-scale structures take shape, major challenges arise. The Fraunhofer IGP in Rostock develops solutions to tackle them: practical, resource-efficient, and in close collaboration with industry partners.

We are the only independent Fraunhofer Institute in Mecklenburg-Western Pomerania and we combine applied research with the specific requirements of our partners.

Our industry sectors

- Shipbuilding and steel construction
- Energy and environmental technology
- Agricultural technology
- Rail vehicle construction
- Mechanical and plant engineering

Cooperation with the University of Rostock

As part of the cooperation agreement, we work closely with the chairs of Production Engineering, the chair of Joining Technology, as well as the chair of Production Organization and Logistics in the faculty of Mechanical Engineering and Marine Technologies. We also maintain close collaboration with the professorship in 3D measurement, analysis, and monitoring in production environments in the Faculty for Agriculture, Civil and Environmental Engineering.

What drives us

Large structures are becoming increasingly complex while demands on durability, sustainability and efficiency are rising. At Fraunhofer IGP, we develop integrated manufacturing solutions which reduce costs, ensure quality, and save resources for products and processes alike.

Innovation fields

Underwater manufacturing technology: Processes and materials for underwater applications. As part of the interdisciplinary Fraunhofer research group SOT, we help shape the Ocean Technology Campus.

Hydrogen and other fuels: At the Hydrogen Application Center in Rostock-Warnemünde, which is part of the MV Hydrogen Research Factory, we test alternative fuels in engines and fuel cells. Thus, we support the development of climate-neutral shipping.

Solutions for agricultural technology: Automation, robotics, lightweight designs, sensors, and artificial intelligence—for a more efficient and sustainable agricultural production.

Manufacturing Technologies

- **Joining and Forming by Plastic Deformation**
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- **Mechanical Joining Technology**
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- **Thermal Joining Engineering**
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- **Thermal Coating Systems**
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New Materials and Processes

- **Adhesive Bonding Technology**
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- **Fiber Composite Technology**
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- **Corrosion Protection Technology**
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Production Systems and Logistics

- **Production Planning and Control**
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- **Measuring of Large Structures**
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Strategic Tasks

- **Energy Converters**
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- **Agricultural Technology**
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- **Underwater Manufacturing Technology**
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