

Press Release

September 15 2026 Page 1 | 3

Science Meets Sea: First Maritime Production Technology Conference at Fraunhofer IGP

For a sustainable maritime industry: The Fraunhofer Institute for Large Structures in Production Engineering IGP will host its first conference on “Maritime Production Technology” in Rostock from October 7-8, 2026.

Rostock. Current challenges in the maritime energy transition, sustainability efforts, as well as innovative shipbuilding require new solutions. With the theme “Maritime Production Technology – Robotics, Digitalization, and AI as Drivers of Innovation,” the Fraunhofer IGP is hosting its first conference on production technology in the maritime sector. Participants can look forward to a series of interesting presentations which offer fresh insights into both research and industry.

The conference’s thematic focus areas include the latest developments regarding the manufacturing of maritime products. The presentation topics range from production for maritime energy transition, digitalization and artificial intelligence (AI) to innovative manufacturing, lightweight construction, as well as automation solutions for the maritime industry. Robert Dreves (EEW Special Pipe Constructions) has been invited as a keynote speaker. The two-day event aims to bring together stakeholders from research and industry to create synergies. Together, participants of the conference will have the opportunity to discuss practical solutions and provide new momentum for a viable and sustainable maritime industry.

“With this conference, we would like to promote cooperation between research and industry in order to create new synergies and contribute to a forward-thinking development of the maritime industry. It is about showing industry which solutions research has to offer. Even more importantly, showing research where industry sees the greatest necessity for action. We have to respond to an increasingly dynamic situation with rapid solutions so as to strengthen an economically competitive maritime industry in Germany through well-suited research,” says Prof. Dr.-Ing. Wilko Flügge, Director of the Fraunhofer IGP.

Registration

Participation fee: 100 EUR

The full conference fee will be charged, if registration is cancelled after September 27, 2026, 12:00 PM.

Registration link: <https://events.fraunhofer.de/eventDetails/019f889e-9119-73bf-8ef6-f2c4569f7b96>

Fact box

About the Fraunhofer IGP

What will the innovative production of large structures look like in the future? The Fraunhofer Institute for Large Structures in Production Engineering IGP in Rostock is conducting research into this. The institute develops innovative concepts for product and process innovations. The research focus is on future-oriented industries such as shipbuilding and steel construction, energy and environmental technology, rail and commercial vehicle manufacturing as well as mechanical and plant engineering. The formerly independent research group was made into a Fraunhofer Institute at the beginning of 2020 and is now the first institute of the Fraunhofer Society to be headquartered in Mecklenburg-Western Pomerania.

Address of the Fraunhofer IGP

Albert-Einstein-Straße 30
18059 Rostock

Further Information

- <https://events.fraunhofer.de/eventDetails/019f889e-9119-73bf-8ef6-f2c4569f7b96>



Invitation to the Maritime Production Technology Conference at Fraunhofer IGP in Rostock.

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The Fraunhofer-Gesellschaft, headquartered in Germany, is one of the world's leading organizations for applied research. It plays a major role in innovation by prioritizing research on cutting-edge technologies and the transfer of results to industry to strengthen Germany's industrial base and for the benefit of society as a whole. Founded in 1949, the Fraunhofer-Gesellschaft currently operates 75 institutes and research units throughout Germany. Its nearly 32,000 employees, predominantly scientists and engineers, work with an annual business volume of 3.6 billion euros; 3.1 billion euros of this stems from contract research.

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