

Applied research for the aerospace industry



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Fraunhofer
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Company

The Fraunhofer-Gesellschaft based in Germany is the world's leading applied research organization with currently 30,800 employees and 76 institutes. Prioritizing key future-relevant technologies and commercializing its findings in business and industry, it plays a major role in the innovation process. It is a trailblazer and trendsetter in innovative developments and research excellence. The Fraunhofer-Gesellschaft supports research and industry with inspiring ideas and sustainable scientific and technological solutions and is helping shape our society and our future. Bringing together the competences of over 30 institutes within Fraunhofer, the Fraunhofer AVIATION & SPACE alliance conducts applied research in the field of the aerospace industry.



Products and technologies

Fraunhofer AVIATION & SPACE offers a wide range of competences and technologies for the aerospace industry. While developments for aviation have a focus on aircraft manufacturing, space developments cover upstream and downstream technologies. At the same time, this strong alliance of institutes sees the aviation and space industry holistically: synergistic research topics address sustainable materials and processes, technologies for advanced air mobility, simulation and digitization as well as cyber security. In addition, Fraunhofer AVIATION & SPACE provides in-depth expertise in various fields of technology, such as optics, sensors, communication, automation, as well as digitalization and AI.

Strengths

Applied research and technology transfer.

Outcome of the Mission

To network, meet further contacts (e.g. aviation companies, such as OEMs, suppliers, manufacturers), gain ideas/inspiration for future projects.