

PRESS RELEASE

›HMI 2022‹ Hannover Messe

Producing mobility: Fraunhofer pools R&D and consulting in new one-stop shop

Germany's technological championship in the automotive sector is secured in close alliance between industry and research for integrated product and process development. In addition, the export of innovative production machines and manufacturing systems is stimulated. A new approach ensures the rapid implementation of new technologies through excellence in transfer and pools Fraunhofer's know-how.

As a partner of automotive manufacturers and their suppliers, equipment suppliers and service providers, the Fraunhofer autoMOBILE Production Alliance has been supporting research and development for the optimization of production processes since 2010 and pools the expertise of 21 Fraunhofer institutes. In 2021, the alliance has been repositioned and expanded to include current research fields in the entire field of mechanical and vehicle engineering. The alliance supports companies in redesigning processes, tackling innovations and pushing networking.

One-stop shop for innovations

Fraunhofer offers a wealth of services and outstanding solutions for industry. The aim is to select the best competences of the institutes and staff for each specific task and to combine them in custom-fit solutions. The Fraunhofer AutoMOBILE Production Alliance is central point of contact for complex questions - for example on the flexibilization and digitalisation of production, on innovative production technologies, on process chains for the energy and mobility transition, on trends and disruptions relevant to production and on the design of future work.

In the industry, the Fraunhofer autoMOBILE Production Alliance is familiar with the companies, their needs and research questions. From this, it can initiate systemic solutions and bring together the necessary partners - whether OEMs, suppliers, or research institutions - to implement these solutions. In doing so, it

FRAUNHOFER AUTOMOBILE PRODUCTION ALLIANCE

has access to many other networks within Fraunhofer, such as Fraunhofer Alliances, which are active in the field of building industry or space technology, or to the competence network for additive manufacturing. The Fraunhofer autoMOBILE Production Alliance coordinates interdisciplinary R&D projects and can accelerate the entire development and transfer process. Innovations become reality more quickly.

Tag. Monat Jahr || Seite 2 | 5

At HMI 2022, the Fraunhofer autoMOBILE Production Alliance will present itself with a virtual showroom at the joint Fraunhofer booth in Hall 5, Booth A06. A variety of solutions with relevance for industry will be presented on five main research topics. The Fraunhofer autoMOBILE Production Alliance and its partners stand for innovative solutions and sustainable knowledge transfer.

Related links:

<https://www.automobil.fraunhofer.de/en.html>

Image:



Innovative technologies at Fraunhofer autoMOBILE Production Alliance
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