

FRAUNHOFER PROJECT CENTER AT THE UNIVERSITY OF TWENTE

DESIGN AND PRODUCTION ENGINEERING
FOR COMPLEX HIGH-TECH SYSTEMS

GET IN TOUCH!

INDUSTRY'S CHALLENGES

The FPC@UT serves high-tech industry by pushing smart product and smart production technologies. It addresses industry's challenges and technology needs through joint R&D projects. The center provides access to state-of-the-art technologies, development of technology and applied solutions. To set the center's agenda, the three partners Fraunhofer, University of Twente and Saxion University of Applied Sciences would like to team up with you to form a strong network.

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UNIVERSITY
OF TWENTE.

IN COOPERATION WITH





ABOUT THE FRAUNHOFER PROJECT CENTER

Our rapidly changing world provides both crucial challenges and opportunities for companies. The Fraunhofer Project Center for Design and Production Engineering for Complex High-Tech Systems at the University of Twente (FPC@UT) is a newly established research unit within the University of Twente, in cooperation with Fraunhofer and Saxion.

The center comes up with solutions to get fit for smart industry. By transporting scientific knowledge into useful innovations, the FPC@UT will help to cement both Germany and the Netherlands as lead providers of science- and technology-based solutions in today's most vital fields. The principal objective is to address the smart industry's current pressing product and production issues.

On January 23rd 2017, the FPC@UT was officially opened. It is home to Kennispark Twente, the Netherlands' largest innovation campus, where more than 380 high-tech companies combine engineering and entrepreneurship to develop cutting-edge products used around the world.

The Fraunhofer Project Center has been established with the financial support of the Province of Overijssel.



PARTNERS

UNIVERSITY OF TWENTE

The University of Twente is a modern, entrepreneurial university, with 2,900 researchers and professionals and over 9,000 students, leading in the area of new technologies and a catalyst for change, innovation and progress in society. The university's strength lies in its capacity to combine and work on future technologies. The University of Twente is home to powerful research institutes at the forefront of nanotechnology (MESA+), ICT (CTIT), biomedical technology and technical medicine (MIRA), governance and behavioral sciences (IGS), geo-information sciences and earth observation (ITC), and science based engineering.

FRAUNHOFER INSTITUTE FOR PRODUCTION TECHNOLOGY IPT

The Fraunhofer-Institute for Production Technology IPT in Aachen, one of currently 67 research institutes of the Fraunhofer-Gesellschaft, has decades of experience in the production technologies it utilizes to provide companies with a strong basis for the digitization of production processes, machine tools and equipment. Technological expertise is complemented by new production organization methods and by the design of industrial software systems. The portfolio of the Fraunhofer IPT extends from the evaluation and design of technologies and process chains through planning and control concepts to quality management control circuits. The institute currently employs around 460 people who are dedicated to applying their creativity to methods, technologies and processes for a connected, adaptive production.

SAXION UNIVERSITY OF APPLIED SCIENCES

Saxion is a University of Applied Sciences in the eastern part of the Netherlands. It's branches in three cities are home to more than 26,000 students and 2,700 employees. Saxion contributes to improving the quality of life through the application of innovative technology. It's applied research is driven by demands from industry, local authorities, welfare organisations and knowledge institutes. Saxion aims for excellence in research and teaching to meet the demands of the labour market.