



Federal Ministry
of Education
and Research

The Digital Photonic Production Research Campus

**Research Campus – Public-Private Partnership
for Innovation**



Digital Photonic Production

Fast, high-precision tools that make it possible to manufacture individual and complex products will be a key element in manufacturing in the future. The aim of the Digital Photonic Production (DPP) Research Campus is to develop new production methods using light as a tool that can be applied and controlled more precisely than any other tool.

High-performance, short-pulse laser technology makes it possible to imprint extremely fine structures on functional surfaces. This technique is used among other things to structure smartphone displays with ever higher resolution screens. Several institutes of the RWTH Aachen University and Fraunhofer as well as companies and small and medium-sized enterprises in particular have come together at the “Industry Building DPP” on the University’s Melaten campus to develop further applications that use light as a tool.

This gives the staff of the companies involved the opportunity to take part in initial and continuing training programmes offered by RWTH Aachen University and to gain qualifications up to PhD level. In turn, the university benefits from the systematic involvement of industry on the campus and the increased practical relevance of the research work being performed.

RESEARCH
CAMPUS

Public-Private Partnership
for Innovation



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