

University of Paderborn - NW-C - Coatings, Materials & Polymers

Coatings, Materials & Polymers

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

The Chair of Coatings, Materials & Polymers (CMP) pursues an applied material and process science that overlaps with areas of classical chemistry and has synergy potential with mechanical engineering. It is a member of the Institute for Lightweight Construction with Hybrid Systems at Paderborn University.

Development of polymers in composite materials.

Warburger Straße 100
33098 Paderborn
North Rhine-Westphalia
Germany
www.upb.de



Organisation type

University or higher education institution

Sectors

No specific sector

Employees

10 up to 49

Turnover

n/a

Funding

Main areas covered

Research and development

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
Products	✓	✓	
Materials			
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Bioplastics, Biocomposites	✓	✓	
<i>Cellular materials (foam materials)</i>			
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Nanocomposites	✓	✓	
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Others (Coatings, polymer matrix systems)	✓	✓	
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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