

Bochum University of Applied Sciences

Department of Architecture, Digital Design, Planning and Building

About this organisation

Department of Digital Design, Planning and Building of the Hochschule Bochum.

The department for Digital Design, Planning and Construction specialises in digital automated construction methods and functionally integrated building design.

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www.hochschule-bochum.de/fba/team/kollegium/pfeiffer-sven/

Hochschule Bochum
Bochum University
of Applied Sciences



Organisation type

University or higher education institution

Sectors

No specific sector

Employees

500 and more

Turnover

Up to €2m

Funding

About this organisation

Main areas covered

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
Products Software & databases, Others	✓	✓	
Services & consulting Training, Testing and trials, Prototyping, Simulation, Others	✓	✓	
Field of technology			
Design & layout Hybrid structures, Lightweight construction concepts	✓	✓	✓
Functional integration Media conductivity, Sensor technology	✓		
<i>Measuring and testing technology</i>			
Modelling and simulation Optimisation	✓		
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing	✓	✓	✓
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			
Material			
Biogenic materials Biocomposites, Wood, Others	✓		
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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