University of Stuttgart

Institute for Power Transmission and High Voltage Technology

About this organisation

Machine translation

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

University of Stuttgart, Institute for Energy Transmission and High Voltage Technology (IEH)

Electromagnetic shielding properties of lightweight materials

Pfaffenwaldring 47 / IEH
70569 Stuttgart
Baden-Württemberg
Germany
www.ieh.uni-stuttgart.de

Universität Stuttgart

Organisation type
University or higher education institution

Sectors

Employees
10 up to 49

Turnover
n/a

Funding

Main areas covered	Electromagnetic compatibility
Infrastructure	
Certifications	
Keywords	
Memberships	

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Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
Products			
Services & consulting Training, Consulting, Testing and trials, Standardisation, Validation, Simulation, Technology transfer	✓		
Field of technology			
Design & layout Others (Shielding properties of electromagnetic fields)	✓		
Functional integration			
Measuring and testing technology Component and part analysis, Materials analysis	✓		
Modelling and simulation Optimisation, Others	✓		
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Biocomposites	✓		
Cellular materials (foam materials)			
Composites			
Fibres Metal fibres, Natural fibres	✓		
Functional materials Electrostrictive / magnetostrictive materials	✓		
Metals Aluminium, Steel	✓		
Plastics Elastomers, Thermoplastics	✓		
Structural ceramics			
(Technical) textiles Meshes, Crocheted fabrics, Woven fabrics, Knitted fabrics, Nonwovens, mats	✓		

Contacts

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Contacts

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