Furtwangen University KSF Competence Centre

About this organisation

Machine translation

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

The KSF deals with the development/optimisation of processes and tools for precision machining.

Processes for machining with geometrically indeterminate cutting edges are being investigated. The spectrum ranges from high-performance/high-speed grinding to the generation of micro/nanostructures. All common materials are processed, especially those that are difficult to machine, and research projects are either publicly funded or carried out directly on behalf of industry. TheKSF organises training seminars and cooperates with other research institutions. Theses are awarded independently, often in co-operation with companies.

Jakob-Kienzle-Straße 17
78054 Villingen-Schwenningen
Baden-Württemberg
Germany
www.ksf.hs-furtwangen.de

Organisation type
University or higher education institution

Sectors
No specific sector

Employees
10 up to 49

Turnover
n/a

Funding
n/a

Main areas covered	Processing of new materials, Grinding processes, Machining processes
Infrastructure	
Certifications	
Keywords	
Memberships	Lightweight construction BW

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Materials		✓	
Services & consulting			
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			
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			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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