Otto von Guericke University Magdeburg

Chair of Materials and Joining Technology IWF - Chair of Joining Technology

About this organisation

Machine translation

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

The Chair of Joining Technology is part of the Institute of Materials and Joining Technology at Otto von Guericke University Magdeburg.

Research projects and industrial projects on joining. Research and realisation of joining solutions for lightweight construction in automotive and rail vehicle construction. Resistance spot welding and brazing of high-strength steels and mixed joints. Arc welding and brazing of lightweight steel and aluminium structures. Additive manufacturing with a focus on WAAM.

Universitätsplatz 2
39106 Magdeburg
Saxony-Anhalt
Germany
www.schweissen.ovgu.de/

Organisation type
University or higher education institution

Sectors

Employees
10 up to 49

Turnover
Up to €2m

Funding
n/a

Main areas covered	Joining technology, welding technology
Infrastructure	Joining laboratories for welding, joining
Certifications	
Keywords	Welding, joining, materials
Memberships	German Welding Association

Otto von Guericke University Magdeburg

Chair of Materials and Joining Technology IWF - Chair of Joining Technology

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Offer			
Products Materials	✓	✓	
Services & consulting Training, Consulting, Testing and trials, Funding, Engineering, Prototyping, Validation, Simulation, Technology transfer	✓	✓	
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

Otto von Guericke University Magdeburg

Chair of Materials and Joining Technology IWF - Chair of Joining Technology

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Deposition welding, Others (Arc-based AM process (WAAM))	✓	✓	
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining Hybrid joining, Adhesive bonding, Soldering, Riveting, Screwing, Welding	✓	✓	
Material property alteration Thermomechanical treatment, Heat treatment, Others (Mould hardening)	✓	✓	
Primary forming			
Processing and separating			
Textile technology			

Otto von Guericke University Magdeburg

Chair of Materials and Joining Technology IWF - Chair of Joining Technology

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals Aluminium, Magnesium, Steel	✓	✓	
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

Machine translation

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

Otto von Guericke University Magdeburg

Chair of Materials and Joining Technology IWF - Chair of Joining Technology

Contacts

Mr Prof. Dr.-Ing. Sven Jüttner

Head of department

sven.juettner@ovgu.de