### About this organisation

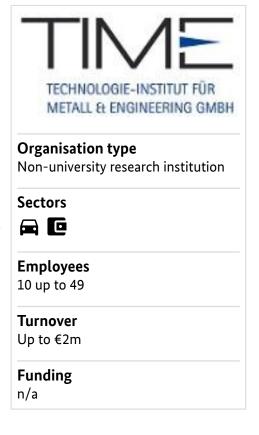
### **Machine translation**

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

TIME, the Technology Institute for Metal & Engineering GmbH in Wissen/Rhineland-Palatinate, is a recognised, application-oriented research and technology institute that supports SMEs through research, testing and application in the fields of simulation, welding and joining technologies and engineering, assists with product and process optimisation and identifies funding opportunities.

Joining and especially welding of thin and high-strength steel materials, aluminium, magnesium, titanium Welding process optimisation Material analyses Bionically based topology optimisation lightweight construction engineering

Koblenzer Straße 43 57537 Wissen / Sieg Rhineland-Palatinate Germany www.time-rlp.de

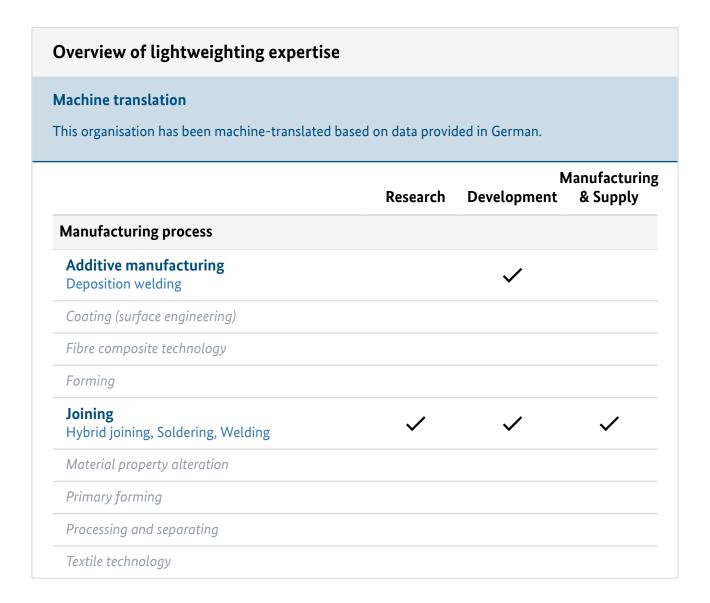


Main areas covered	Welding, Simulation, Engineering, Added value, Application research
Infrastructure	Arc welding, Resistance pressure welding, FEM-based strength calculation, Topology optimisation, Engineering
Certifications	
Keywords	Automation, Holistic production optimisation
Memberships	DVS Research Association, Rhineland-Palatinate vehicle initiative, Commercial Vehicle Cluster, Metal industry initiative, Automotive Network South Westphalia

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Overview of lightweighting expertise					
Machine translation					
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	Research	N Development	Manufacturin & Supply		
Offer					
Products					
Services & consulting Training, Consulting, Testing and trials, Engineering, Validation, Simulation	<b>✓</b>	<b>✓</b>	<b>✓</b>		
Field of technology					
Design & layout Lightweight manufacturing, Lightweight construction concepts, Lightweight material construction		<b>✓</b>			
Functional integration					
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis			<b>✓</b>		
Modelling and simulation Loads & stress, Optimisation, Structural mechanics, Materials, Reliability validation, Others (Welding structure simulation)			<b>✓</b>		
Plant construction & automation Automation technology, Handling technology, Robotics, Others (Welding with collaborative robots (cobots))		<b>✓</b>			
Recycling technologies					

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# Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing & Supply Research Development Material Biogenic materials Cellular materials (foam materials) Composites **Fibres** Functional materials Metals Aluminium, Magnesium, Steel, Titanium Plastics Structural ceramics (Technical) textiles

# Contacts Machine translation This organisation has been machine-translated based on data provided in German. Mr Dr.-Ing. Ralf Polzin Management Mr Dr.-Ing. Frank Cronacher SFI/EWE, Project Management Welding Technology ralf.polzin@time-rlp.de frank.cronacher@time-rlp.de

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