Institute of Structural Mechanics and Lightweight Construction

About this organisation

Machine translation

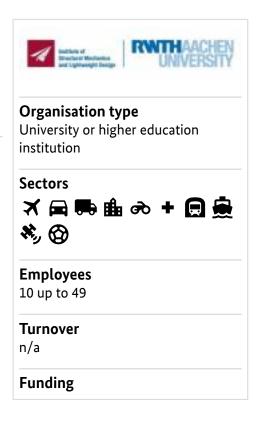
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Research institute

- Design, sizing and optimisation and lightweight structures - Static and dynamic testing of lightweight parts of automotive, aerospace, and space applications -Development of sizing methods and tools

Wüllnerstr. 7 52062 Aachen North Rhine-Westphalia Germany

☑ www.sla.rwth-aachen.de



Main areas covered	Research and development, Consulting, Testing, Stress analysis, Structural Health Monitoring (SHM)
Infrastructure	Structural test lab, Thermal Vacuum Chamber, FEM software
Certifications	
Keywords	Structural optimisation, Mechanics, Stress analysis, Sizing methods and tools, Structural Health Monitoring (SHM)
Memberships	iasb

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	Research	Development	Manufacturin & Supply	
Offer				
Products				
Services & consulting Consulting, Testing and trials, Engineering, Simulation	✓	~		
Field of technology				
Design & layout Lightweight design, Hybrid structures, Lightweight construction concepts	✓	~		
Functional integration				
Measuring and testing technology Component and part analysis, Destructive analysis	✓	~		
Modelling and simulation Crash behaviour, Loads & stress, Multiphysics simulation, Optimisation, Structural mechanics	✓	~		
Plant construction & automation				

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Overview of lightweighting expertise

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Development	& Supply

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Contacts

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Head of Institute

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