

FOSTA - Research Association for Steel Application e. V.

About this organisation

Machine translation

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

Network partner for the promotion and project planning of joint steel application research. Financed by the steel industry and supported by the steel application industry and research institutes. Project objectives: Improving and securing competitiveness Optimisation of processing techniques Development of new areas of application Substitution of competing materials Solutions with hybrid materials

FOSTA's research focuses on lightweight steel construction:
- Material behaviour - Machining and processing - construction - simulation - sustainability - Standardisation
FOSTA - Forschungsvereinigung Stahlanwendung e. V. is a member of the AiF Research Alliance for Lightweight Construction.

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Germany
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Organisation type

Association, Chamber of industry and commerce

Sectors



Employees

Up to 9

Turnover

n/a

Funding

n/a



Main areas covered

Research funding (IGF), Community research, Steel application, Industrial joint research, Pre-competitive

Infrastructure

Certifications

Keywords

Memberships

AiF e.V., Lightweight Construction Research Alliance (FAL)

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Others: null	✓		
<i>Services & consulting</i>			
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓		
Functional integration Material functionalisation	✓		
<i>Measuring and testing technology</i>			
Modelling and simulation Crash behaviour, Loads & stress, Life-cycle analysis, Optimisation, Processes, Materials	✓		
<i>Plant construction & factory automation</i>			
<i>Recycling technologies</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites			
Others: null	✓		
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Steel	✓	✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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