

About this organisation

Machine translation

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

The Institute for Control Engineering of Machine Tools and Manufacturing Units (ISW) at the University of Stuttgart is one of the world's leading university research institutes in the field of control engineering - from planning to tooling.

The ISW conducts interdisciplinary research into technologies for the production and automation of the day after tomorrow. For more than 50 years, we have been an innovative and reliable partner for industry, meeting demanding challenges from the initial idea to the finished product.

Seidenstraße 36
70174 Stuttgart
Baden-Württemberg
Germany
www.isw.uni-stuttgart.de/



Organisation type

University or higher education institution

Sectors



Employees

50 up to 249

Turnover

n/a

Funding

About this organisation

Main areas covered Machine tools, Control and regulation technology, Additive manufacturing, Virtual production, Simulation

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Machines and plants, Software & databases, Systems and end products, Materials, Tools and moulds	✓	✓	
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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Mr

info@isw.uni-stuttgart.de