

Atos Information Technology GmbH

C-LAB innovation workshop

About this organisation

Machine translation

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

Atos is a global leader in the field of digital transformation. As the European leader in cybersecurity, cloud and high-performance computing, the Group offers customised end-to-end solutions for all industries. As a pioneer in IT services and products for decarbonisation, Atos is committed to a secure and decarbonised digital world for its customers.

In addition to designing AI-based assistance services for various application scenarios, Atos C-LAB's research focuses on testing solution modules for digital support of the product development process with a focus on the use of additive manufacturing (AM). For example, the BMWi research project DigiKAM developed a digital collaboration platform to support distributed collaboration between AM users and AM service providers in the early phases of the AM value creation process. The BMWi-funded joint project BIKINI is currently researching the application of bionic design algorithms and AI-based assistance services in product development. The innovative modules developed in this context complement the Atos solution portfolio with regard to the provision of end-to-end IT support for the holistic AM design and manufacturing process.

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Main areas covered Requirements Engineering, Text extraction process, Classification algorithms, Knowledge graphs, AI-based assistance services

Infrastructure

Certifications

Keywords

Memberships



Organisation type

Large enterprises

Sectors

No specific sector

Employees

500 and more

Turnover

More than €50m

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting			
Others (Design and provision of holistic IT support for the AM value creation process)		✓	✓
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>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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

Contacts

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