

About this organisation

Machine translation

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

The IKS has over 50 years of experience in the field of corrosion and corrosion protection. In addition to service, consulting and training activities, application-oriented research is the most important field of activity.

In the past, a wide range of research topics relating to corrosion protection and corrosion mechanisms of coatings and materials, the cleaning, preparation and pre-treatment of metal surfaces and the development of verification methods for the quality-compliant cleaning/pre-treatment and coating of components have been developed. This extensive knowledge is currently being applied in research into analysis methods for the application of release agents in die casting processes in the field of lightweight construction.

Gostritzer Str. 65
01217 Dresden
Saxony
Germany
[iks-dresden.de/](https://www.iks-dresden.de/)



Organisation type

Non-university research institution

Sectors

No specific sector

Employees

10 up to 49

Turnover

n/a

Funding

n/a

Main areas covered

Corrosion, Corrosion protection, Corrosion analysis

Infrastructure

Certifications

Accreditation by DAkkS, all standards see website

Keywords

Corrosion, Corrosion protection, Corrosion analysis

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Training, Consulting, Testing and trials, Validation, Technology transfer, Maintenance and repair	✓	✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Environmental simulation, Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	
<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			
<i>Additive manufacturing</i>			
Coating (surface engineering) Galvanising, Painting, Powder coating, Others (Galvanisation)	✓	✓	
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Others (Surface pre-treatment (blasting, pickling))	✓	✓	
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Intermetallic alloys, Magnesium, Steel	✓	✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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