

About this organisation

Machine translation

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

The Department of Electrochemistry and Electroplating (ECG) at Ilmenau University of Technology specialises in basic and applied electrochemistry and electroplating.

Our expertise in the field of lightweight construction lies in the areas of electroplating (e.g. aluminium from ionic liquids) and the coating of materials. Another important field of work is corrosion research.

Gustav-Kirchhoff-Str. 6
98693 Ilmenau
Thuringia
Germany
www.tu-ilmenau.de/wt-ecg



Organisation type

University or higher education institution

Sectors

No specific sector

Employees

10 up to 49

Turnover

n/a

Funding

n/a

About this organisation	
Main areas covered	Electrochemical surface technology
Infrastructure	Small electroplating
Certifications	
Keywords	Electroplating, Corrosion
Memberships	

Overview of lightweighting expertise

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

	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Training		✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Destructive analysis, Non-destructive analysis		✓	
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Galvanising	✓	✓	
<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

Machine translation

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

	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		✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

Machine translation

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

Contacts

Mr Prof. Dr. Andreas Bund

Head of department

fgecg@tu-ilmenau.de