

# University of Stuttgart MPA Materials Testing Institute

## About this organisation

### Machine translation

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

Our cross-sector portfolio in the construction industry and in plant and mechanical engineering enables us to provide you with a complete service package from a single source.

Material and, above all, component-oriented testing - including under real load conditions, fracture mechanics tests and evaluations, non-destructive testing, metallographic and microstructural characterisation of materials. Determination of material parameters, service life analyses, quality assurance, ageing behaviour of lightweight materials. Corrosion investigation, corrosion protection, corrosion tests, characterisation of coatings. Strength calculations and simulation of component behaviour.

Pfaffenwaldring 32  
70569 Stuttgart  
Baden-Württemberg  
Germany  
[www.mpa.uni-stuttgart.de/](http://www.mpa.uni-stuttgart.de/)



Universität Stuttgart  
Materialprüfungsanstalt

### Organisation type

University or higher education institution

### Sectors



### Employees

10 up to 49

### Turnover

n/a

### Funding

### Main areas covered

Plant and mechanical engineering

### Infrastructure

### Certifications

### Keywords

### Memberships

Lightweight construction BW

## Overview of lightweighting expertise

### Machine translation

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Materials		✓	
<i>Services &amp; consulting</i>			
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<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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This organisation has been machine-translated based on data provided in German.

Mr Dr.-Ing. Andreas Klenk

[andreas.klenk@mpa.uni-stuttgart.de](mailto:andreas.klenk@mpa.uni-stuttgart.de)