



## **Chair of Forming Technologies**

## **Overview of Topics**

Fields of work							
Materials characterization and modelling			Semi-finished products		Components		
Materials Testing	Materials Modelling		Flat and Long Products	Strip Casting	Bulk Metal Forming	Sheet Metal Forming	
Test methods Material data Boundary- conditions Inverse modelling methods		tructure s chains Damage Fast models Data based methods	Flat and caliber rolling Micro rolling Surface structuring Roll bonding Roller leveling	<section-header>Material designProcess optimizationCasting of compound materialsProfile casting</section-header>	Open die forging Ring rolling Closed die forging Radial forging	Incremental sheet forming Stretch forming Bending Deep drawing Micro deep drawing	Teaching/Academics Training Research R&D services
Experimental methods on model and real scale							Ci.es
Modelling, Process Simulation and Optimization							oetend
	Material behaviour, process control/regulation						comp
		Mech	nanical Engineering	/ CAx			Core

## Key figures

**Employees 2022:** 

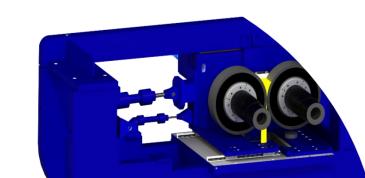
Approx. 30 Research Assistants

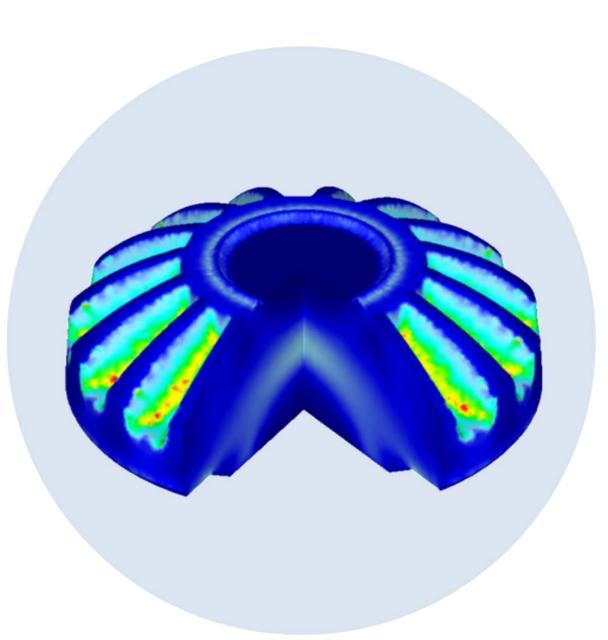
Financing: Approx. 3.4 Mio. € third-party funding in 2022:



- Approx. 16 Technical and Administrative Employees
- Approx. 35 Student Assistants
- Approx. 8 Apprentices







Materials Modelling

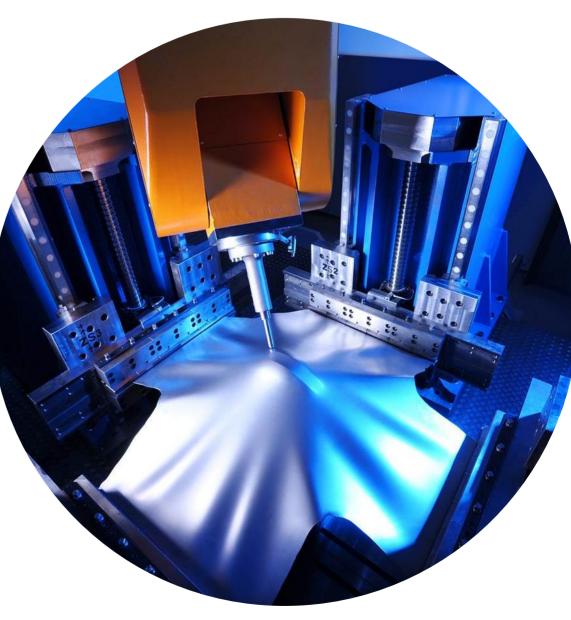


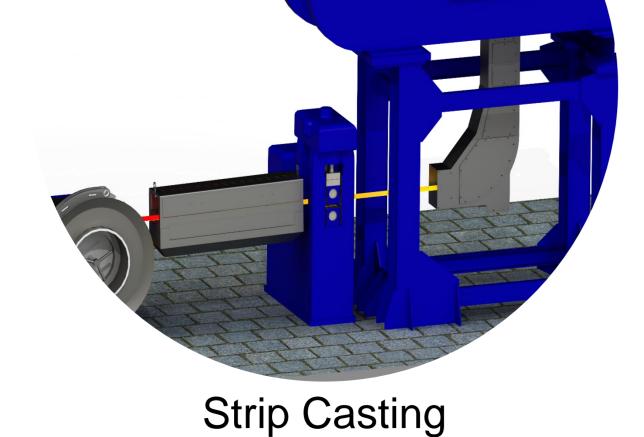


State Programs



Flat and Long Products





**Bulk Metal Forming** 

Sheet Metal Forming

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