

# Pushing Boundaries

design: büro uebele



**3D Pioneers  
Challenge**  
Pushing Boundaries  
2024



# 3D Pioneers Challenge Pushing Boundaries 2024

## Collaborative Mindset

Cutting-edge processes, materials and procedures are creating ground-breaking applications in Additive Manufacturing- chances for the economy, industry and sustainability, for a responsible production.

Implementation in the established manufacturing industry however demands a „collaborative mindset“ - the mutual, open attitude of working cooperatively and courageously towards common goals. Where are realistic applications in the industry and what best practices are already in progress?

This mindset becomes apparent in the convergence of advanced technologies. When robotics, smart materials, cloud technologies or blockchain interact with additive processes, this in turn leads to disruptive concepts and sharpens the focus for strategy changes and pave the way for meaningful advancements.

A gaze upon the impressively vibrant developments in Artificial Intelligence, such as automated image generation, provides a glimpse of the possible when AI generates three-dimensional products that are then translated from the digital to the real world through additive processes.

The **3D Pioneers Challenge** seeks and supports the pioneers pursuing these ground-breaking approaches: The creative innovations with long-term appeal, as well as operational projects that drive the implementation of additive technologies in the established manufacturing industry.

## APPLY NOW!

for the International competition for Additive Manufacturing and Advanced Technologies. **Let's pushing boundaries together!**

Deadline for submissions: **11 March 2024**

**Prize money** of 35.000 Euro by Ministry of Economics, Science and Digital Society Thuringia.  
**Awards** worth over 175.000 Euro.

## Expert Jury

- Ralf Anderhofstadt \_AM & AMS Daimler Truck AG
- Martin Back\_BASF Forward AM
- Frank Beckmann\_Fraunhofer IAPT
- Prof. Christiane Beyer\_OVGU University Magdeburg
- Dr. Shajay Bhooshan\_Zaha Hadid Architects
- Stefanie Brickwede\_DB, Mobility goes Additive
- Lutz Dietzold\_German Design Council
- Stephan Galozy\_3YOURMIND
- Sarah Goehrke\_Additive Integrity
- Arno Held\_AM Ventures
- Dr. Karsten Heuser\_Siemens Digital Industries
- Thomas Hundt\_Jangled Nerves
- Brian Ingold\_HP
- Carina Lebsack\_Adolf Würth GmbH & Co. KG
- Marie-Lucie Linde\_Sustainable Natives, nextblooming
- Ulf Lindhe\_ADAXIS
- Ross Lovegrove\_Lovegrove Studio
- Dr. Cora Lüders-Theuerkauf\_Medical goes Additive e.V.
- Alana Mongkhonsavath\_Autodesk Research
- Sherri Monroe\_AMGTA
- Kristin Mulherin\_Women in 3D Printing
- Joris Peels\_SmarTech Analysis, 3DPrint.com
- Sonja Rasch\_Materialise
- Paul Schmidt\_10xDNA
- Dr.-Ing. Sascha Schwarz\_TUM Venture Lab AM
- Dr. Dirk Simon\_FKM Sintertechnik GmbH
- Peter Storey\_Autodesk Research Industry Future Team
- Joachim Stumpp\_raumPROBE
- Andreas Velten\_IFA3D Medical Solutions
- Christoph Völcker\_Innovation Lab AM, Würth Elektronik

## 3D Pioneers Challenge

Further Information and registration  
[www.3dpc.io](http://www.3dpc.io)  
Follow us **#3DPioneersChallenge**



Exhibition and award ceremony at **Rapid.Tech 3D**  
14 to 16 May 2024, Messe Erfurt, Germany  
[www.rapidtech-3d.com](http://www.rapidtech-3d.com)

