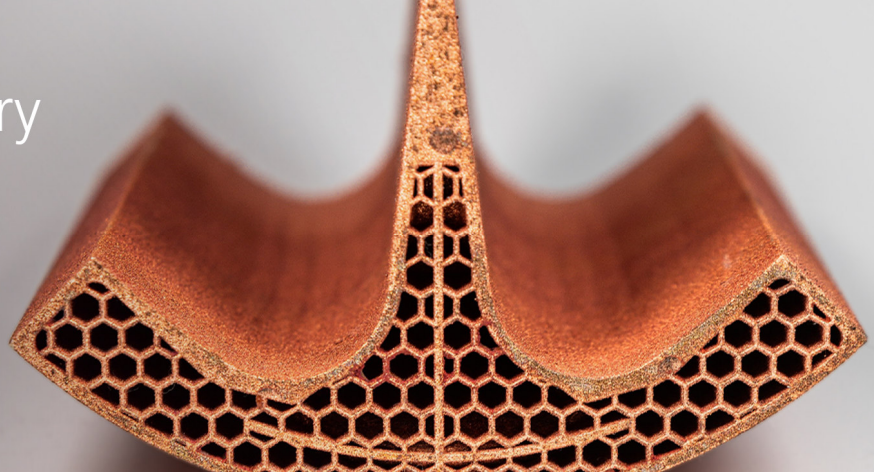


CopperAM for Industry

Lunch-to-Lunch-Workshop

September 15–16, 2025
Fraunhofer IWS | Dresden



PROGRAM*

Monday, September 15, 2025

12:00–13:00 (CET) Welcome Desk and Fingerfood

13:00–13:10 Opening & Introduction

13:10–14:50 Session 1: Materials

13:10–13:35 Improved Processability of Copper in L-PBF using Graphene Coated Powder
Simon Tidén | Graphmatech

13:35–14:00 From Powder to Performance: Tailoring Low-alloyed Copper Alloys for High Strength and good Conductivity via Additive Manufacturing and Precipitation Hardening
Julia Dölling | Deutsches Zentrum für Luft- und Raumfahrt e.V.

14:00–14:25 JX's Advanced Coated Pure Copper Powder Enabling 400W/500W Infrared Laser Powder Bed Fusion
Hirofumi Watanabe | JX Advanced Metals Corporation

14:25–14:50 Modification & Recycling of Copper and Alloys
Petr Štefek | SAFINA, a.s.

14:50–15:20 Coffee Break

15:20–17:00 Session 2: Process Development

15:20–15:45 Effect of Concentric Intensity Distributions in Laser Processing and Additive Manufacturing of Copper
Kamal Miah | BTU Cottbus-Senftenberg

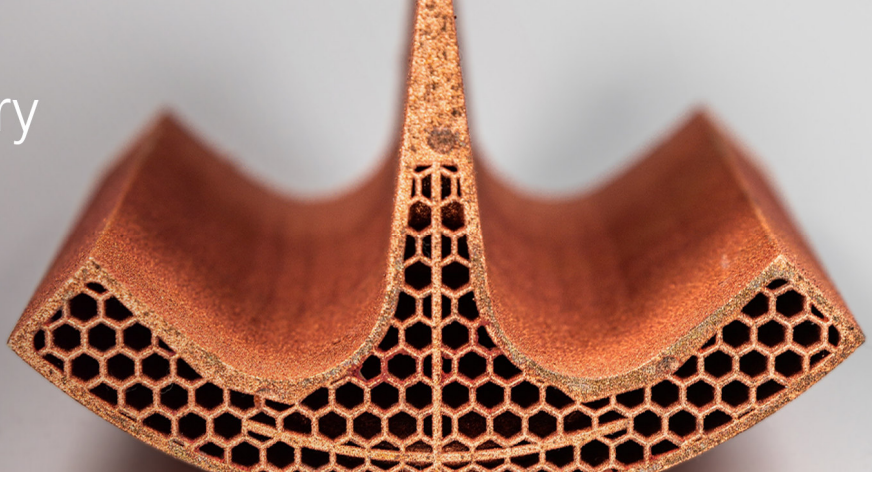
15:45–16:10 PBF-LB process development of CuCr1Zr alloy
Anna Martín Vilardell | SLM Solutions

16:10–16:35 Powder Production and Additive Manufacturing of Cu and CuSn for Different AM-Processes
Daniel Beckers | Rosswag Engineering

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- 16:35–17:00 Pure Cu Hybrid-LPBF for Automotive Power Electronics Applications –
Chances and Challenges
Benjamin Zillmann | Bosch
- 17:00–20:00 Social Event @ Fraunhofer Campus**
- 20:00 End of Day 1

Tuesday, September 16, 2025

- 08:30–09:00 (CET) [Welcome Desk](#)
- 09:00–10:30 Lab Tour @Fraunhofer IWS**
- 10:30–11:00 [Coffee Break](#)
- 11:00–12:40 Session 3: Industrial Use Cases**
- 11:00–11:25 CuperNova: A Surface Conditioning Technology for Stable and High-
resolution Copper 3D Printing
Milad Hamidi | Amnovis
- 11:25–11:50 Copper LPBF processing – challenges for machine design
Rene Kopatsch, FARSOON Europe GmbH
- 11:50–12:15 Intelligent Design and Process Monitoring for Copper Heat Exchangers
Keno Kruse, OQTON
- 12:15–12:40 Additive Manufacturing of Copper and Copper Alloys: Managing the
Heat During the Build Process
Samira Gruber | Fraunhofer IWS
- 12:40–13:10 Discussion**
- 13:10–13:15 Closing Remarks
- 13:15–14:00 [Networking and Lunch](#)
- 14:00 Farewell and End of the Event