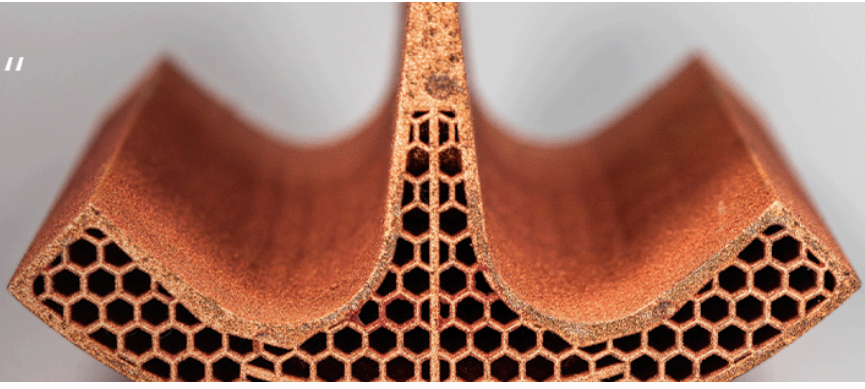


“CopperAM for Industry”

Lunch-to-Lunch-Workshop

September 12–13, 2022

Fraunhofer IWS | Dresden



Monday, September 12

- 12:00–13:00 (CET) Welcome Desk & Fingerfood
- 13:00–13:30 Opening & Introduction
Frank Brückner | Fraunhofer IWS
- 13:30–13:55 Achievements and Challenges in Copper AM - an OEM's perspective
Jens Karnapp | EOS GmbH
- 13:55–14:20 Manufacturing and utilization of pure copper open porous structures
Robert Otto | Siemens AG
- 14:20–14:45 Copper applications in the accelerator industry
Andris Ratkus | Riga Technical University
- 14:45–15:20 Coffee Break
- 15:20–15:45 Cu and Cu-alloy manufacturing by Fused Filament Fabrication
Aljoscha Roch | AM Extrusion GmbH
- 15:45–16:10 Using a bi-modal particle size distribution for Binder Jetting of copper
Moritz Greifzu | Fraunhofer IWS
- 16:10–16:35 Topic: Binder Jetting, title tbd
Lorenzo Marchetti | Digital Metal
- 16:35–17:00 Wire electron beam additive manufacturing of copper
Bernd Baufeld | pro-beam GmbH & Co. KGaA
- 17:00–19:00 Time for hotel check-in
- 19:00–22:00 Social Event @ Fraunhofer Campus

Tuesday, September 13

- 08:30–09:00 (CET) Welcome Desk
- 09:00–09:25 Algorithmic Programming – a novel approach for Additive Manufacturing Designs
Josefine Lissner | Hyperganic Group GmbH
- 09:25–09:50 Additive Manufacturing of Pure Copper with Green Laser Light
Michael Thielmann | TRUMPF SE + Co. KG
- 09:50–10:40 Lab Tour @ Fraunhofer IWS
- 10:40–11:00 Coffee Break
- 11:00–11:25 LPBF of pure copper and copper alloys using a green laser source
Samira Gruber | Fraunhofer IWS
- 11:25–11:50 Multi material processing for tooling applications
Mirko Riede | Fraunhofer IWS
- 11:50–12:15 Laser Direct Metal Deposition of Copper Based Materials
Sandro Mehner | Fraunhofer USA
- 12:15–12:30 Closing Remarks
- 12:30–13:30 Networking & Lunch