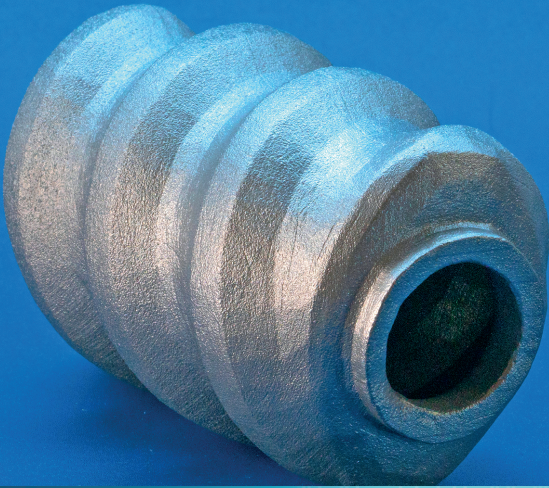




**Fraunhofer**  
IFAM



13.-15. Sept. 2022, Fraunhofer IFAM Bremen

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## 3. Workshop Sinter-based Additive Manufacturing + Tutorial

## PROGRAM

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As of April 2022

# Venue Workshop

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Ringhotel Munte am Stadtwald  
Parkallee 299 | 28213 Bremen  
Phone +49 421 2202 -0  
[www.hotel-munte.de](http://www.hotel-munte.de)

Book your room for this event directly at the hotel and benefit from the reduced Fraunhofer booking rate.

This workshop is designed as an on-site event. All hygiene and distance rules in force at the time of the event are being observed. The venue's hygiene concept and details on the necessary precautionary measures will be provided on request.

The tutorial can also only be booked as an on-site event due to the Lab tour. The number of participants for the tutorial is limited to a maximum of 30 people.

## Contact

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Dipl.-Ing. Claus Aumund-Kopp  
Additive Manufacturing  
Phone +49 421 2246 226  
[claus.aumund-kopp@ifam.fraunhofer.de](mailto:claus.aumund-kopp@ifam.fraunhofer.de)

Fraunhofer IFAM  
Wiener Strasse 12  
28359 Bremen  
[www.ifam.fraunhofer.de](http://www.ifam.fraunhofer.de)

# Program Tutorial

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Tuesday 13 Sept 2022, Fraunhofer IFAM, Bremen

## Part 1 The Fundamentals

**Powder Characteristics:** Methods and Standards for Metal Powders – **Binders and Debinding:** Approaches for different SBAM processes – **Sintering:** Fundamentals and Specialties of SBAM processes

## Part 2 Processes

**Feedstock Printing:** Fused Filament Fabrication and extrusion-based processes – **Binder Jetting:** Fraunhofer IFAM's experiences and approaches – **Other Sinter-based Processes:** 3D-Screen Printing, Lithography and other Approaches

## Part 3 Interactive sessions

Lab tour – Interactive sessions – wrap-up

# Program Workshop Day 1

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**Wednesday 14 Sept 2022, Hotel Munte, Bremen**

**Session 1 - General Sinter-based AM**

**Session 2 - Scale UP!**

**Session 3 - Material Development in Sinter-based AM**

**19.00 – 22.00 Evening get-together**

# Program Workshop Day 2

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**Thursday 15 Sept 2022, Hotel Munte, Bremen**

**Session 4 - Binder Jetting Process Development**

**Session 5 - Enabling Technologies**

**Session 6 - Other Sinter-based AM Processes**

**With presentations from:**

AMPower - CETIM - Cremer Thermoprozessanlagen -  
Desktop Metal - Digital Metal - Fraunhofer IFAM -  
GKN Sinter Metals - Incus - Indo MIM - PRINTY - Sandvik -  
SIMUFACT - TECNALIA - Tritone - Volkmann - Volkswagen

**Including a panel discussion on Day 2  
and a tabletop exhibition on both days**



# Sinter-based AM Component Award

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## Call for Entries

Additive Manufacturing, like no other production technology, has received immense public attention these last few years, thanks to the potential to change industrial production. To highlight the many advantages of Sinter-based AM at the workshop's tabletop exhibition, we would like to invite all participants to submit sinter-based AM parts for our Component Award competition at the 2022 Sinter-based AM workshop.

The first three winners will receive 5 minutes presentation time on the second day of the workshop where they may present their company and their sinter-based AM activities to all attendees.

The winners will also be presented in Fraunhofer IFAM's Social Media accounts and mentioned in all publications that are related to the 2022 workshop.

## Terms of participation

Eligible for participation:

All natural persons, companies, institutes or co-operation teams consisting of members from science and commerce who attend the 2022 workshop. Participants must hold the copyrights for their submission(s) and must not violate existing rights of third parties.

Each participant can submit a maximum of three components.

Participation is free of charge.

Component

### Criteria

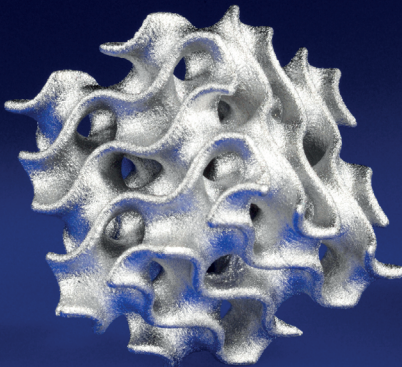
- Material
- Design
- Economical aspects
- Application

### Deadline for entries

In order to participate in the competition, the components must be shipped to:

Fraunhofer IFAM  
Claus Aumund-Kopp  
Wiener Strasse 12  
28359 Bremen, Germany

prior to Wednesday, 31st August. Please fill out a separate entry form for each submitted component.



ent Award 2022