

# 12th International Conference on Porous Metals and Metallic Foams

---

**June 23 - June 25, 2021**



**Dresden - Germany**

---

## MetFoam2021



12th International Conference on  
Porous Metals and Metallic Foams

Regular updates: [www.metfoam2021.com](http://www.metfoam2021.com)

# METFOAM 2021



DRESDEN - GERMANY

JUNE 23 - 25, 2021

The MetFoam conference series is the largest cross-disciplinary, international technical meeting focused exclusively on the production methods, properties, and applications of functional and lightweight porous/cellular metallic materials. The current installation of the series, the 12th International Conference on Porous Metals and Metallic Foams (MetFoam 2021), will be held from June 23-25, 2021, on the beautiful premises of the Radisson Blu Park Hotel & Conference Center in Dresden Radebeul, Germany.

Mark your calendar now and plan to participate in this not-to-be-missed event!

Topics planned for MetFoam 2021 include, but are not limited to:

- Research in fabrication of cellular metals by conventional and novel methods:
  - Foaming, sintering, moulding, etc.
  - Special topical focus: Theory and practice of additively manufactured cellular metals, i. e. lattice structures, scaffolds etc.
- Characterization and properties of cellular metals:
  - Novel characterization methods
  - Mechanical properties
  - Fluid, heat, and mass transfer properties
  - Other properties related to the morphological description and applications of cellular metals
- Design and simulation of open and closed cell porous metals
- Porous metallic biomaterials
- Nanoporous metals
- Application studies and industrial applications of porous metals and metallic foams.

A facultative visit of the Fraunhofer IFAM labs in Dresden and the Fraunhofer IWU Metal Foam Center in Chemnitz will be offered as part of the conference.

A Call for Abstracts will be issued shortly and updated information on the conference will be available from the conference website [www.metfoam2021.com](http://www.metfoam2021.com).

# METFOAM 2021



DRESDEN - GERMANY

JUNE 23 - 25, 2021

## ABOUT THE METFOAM CONFERENCE SERIES

The MetFoam conference series is kept and overseen by a steering committee composed of international experts. The committee confers regularly and appoints a General Chair for organizing each conference. It has been held in Bremen (1999, 2001) and Berlin (2003), Germany; Kyoto, Japan (2005); Montreal, Canada (2007); Bratislava, Slovakia (2009); Busan, Korea (2011); Raleigh, NC, USA (2013); Barcelona, Spain (2015); Nanjing, China (2017), and Dearborn, MI, USA (2019).

## YOUR HOST IN 2021

Fraunhofer Institute for Manufacturing Technology and  
Advanced Materials IFAM, Branch Lab Dresden, Germany  
Thomas Weißgärber, Director of Fraunhofer IFAM Dresden

## GENERAL CHAIR 2021

Olaf Andersen, Fraunhofer IFAM Dresden, Germany

## STEERING COMMITTEE 2021

John Banhart, Technical University of Berlin, Germany  
David Dunand, Northwestern University, USA  
Nihad Dukhan, University of Detroit Mercy, USA  
Kiju Kang, Chonnam National University, South Korea  
Louis-Philippe Lefebvre, National Research Council, Canada  
Hideo Nakajima, Iwatani R&D Center, Japan  
Afsaneh Rabiei, North Carolina State University, USA  
Hui-ping Tang, State Key Laboratory of Porous Metal Materials, Northwest  
Institute for Nonferrous Metal Research China  
Dong-hui Yang, Hohai University, China