

General Information

Conference Chairman

Prof. Steffen Ihlenfeldt
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www.cirp-biom2024.de

Organizing Committee

Prof. Steffen Ihlenfeldt, Fraunhofer IWU, Germany
Prof. Welf-Guntram Drossel, Fraunhofer IWU, Germany
Prof. Rafael Wertheim, Fraunhofer Israel
Prof. Christoph Herrmann, Fraunhofer IST, Germany
Prof. Christian Brecher, Fraunhofer IPT, Germany
Prof. Thomas Bergs, Fraunhofer IPT, Germany

Conference Location

Penck Hotel Dresden
Ostra-Allee 33
01067 Dresden, Germany
hello@penckhotel.de
www.penckhoteldresden.de

Conference Information

Please find all the conference
information here:
www.cirp-biom2024.de



Extended
Abstract Submission
September 29, 2023

Call for Papers

June 11 – 13, 2024 | Dresden – Germany

6th CIRP Conference on
BioManufacturing – BioM

Future Production. Driven by Nature.



BioM
6th CIRP Conference
on BioManufacturing





Paper Submission

Authors are invited to submit papers for the 6th CIRP Conference on Biomanufacturing 2024. Proposals may include title, authors, an up to 200-word abstract as well as contact information of the corresponding author (institutional affiliation and email). Topics may include, but are not limited to:

Call for Papers


The Chairmen and the Organization Committee are glad to invite you to the **6th CIRP Conference on Biomanufacturing – BioM**. It will be held in **Dresden, Germany** from **June 11 – 13, 2024**.

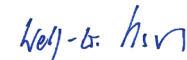
Initiated by CIRP in 2013 the CIRP Conference on Biomanufacturing has developed into the world's leading forum to discuss progress and future directions, set milestones and promote scientific exchange on biodesign, biofabrication and biomechatronics.

The title of the 6th CIRP Conference on Biomanufacturing 2024 is **"Future Production. Driven by Nature"**. Experts from academia and industry will meet to discuss novel solutions, latest research findings and visionary ideas addressing biologically inspired processes and products in manufacturing, biological transformation and biointelligence. Furthermore, artificial intelligence and digital methods promoting the transfer of biological principles into technosphere are topics of the conference.

Following the high-level stations of the CIRP Conference on Biomanufacturing – BioM in Tokyo (2013), Manchester (2015), Chicago (2017), Guangzhou (2019) and Calabria (2022) it is an honor for us to welcome you in Dresden 2024.


Prof. S. Ihlenfeldt
Chairman


Prof. R. Wertheim
Co-Chairman


Prof. W.-G. Drossel
Co-Chairman

Conference Topics

- Biological transformation and biointelligence
- Biomechatronics
- Biodesign and -assembly
- Biofabrication
- Biological manufacturing process and equipment
- Tissue engineering/organ-on-a-chip
- Eco-Efficiency in Production
- Biological inspired sensors and biosensors
- Biomedical solution
- AI and digital methods in biomanufacturing

An international scientific committee will review the abstracts. Authors who have been informed about the acceptance of their abstract are asked to submit their full papers before November 30, 2023. Please use the template provided online for the preparation of the paper and follow the guidelines for authors, which can be found under www.cirp-biom2024.de.

Important Dates

September 29, 2023	Abstract submission
October 13, 2023	Abstract notification
November 30, 2023	Paper submission
February 15, 2024	Paper review notification
March 01, 2024	Final paper submission