

Prof. Dr. Alexander Horoschenkoff
Prof. Dr. Klemens Röther
Prof. Dr. Christian Möller
Department of Mechanical, Automotive,
and Aeronautical Engineering
University of Applied Sciences Munich

Prof. Dr. Philipp Höfer
Institute of Lightweight Engineering
Prof. Dr. Tobias Dickhut
Institute for Aeronautical Engineering
Universität der Bundeswehr München

Prof. Dr. Markus Zimmermann
Laboratory for Product Development
and Lightweight Design
Technical University of Munich



19. MUNICH SYMPOSIUM ON LIGHTWEIGHT DESIGN Call for Papers

INVITATION & CALL FOR PAPERS

Every year since 2003, the Technical University of Munich, the Universität der Bundeswehr München and the University of Applied Sciences in Munich have been inviting researchers and experts in the field of Lightweight Design to the Munich Symposium on Lightweight Design. The Symposium aims to bring experts from both Academia and Industry together to discuss new developments, processes, and possible applications for pushing research in Lightweight Design. This year's Munich Symposium on Lightweight Design 2022 will take place over three days as an in-person event at the participating universities. However, the conference will be changed to a virtual format if necessary to meet the legal demands at the time of the event. Participation is free of charge. You can register [here](#).

We invite all interested researchers and industry practitioners to present their work. Please submit an abstract of your presentation until August 15, 2022. You will be notified about acceptance by September 01, 2022. Presentations can be submitted in German or English. In addition, every accepted speaker is invited to submit a written contribution (full paper in English, 4 to 12 pages) by January 16, 2023. Submitted papers will undergo a review. You will receive a separate notification of acceptance by February 01, 2023. Accepted papers will finally be published by Springer as part of the Proceedings of the Munich Symposium on Lightweight Design 2022.

SUBMISSION & TOPICS

An abstract or short description of your presentation can be submitted via the [Springer OCS system](#). The template and guidelines can be found [here](#). Contributions may address, but are not limited to, on or more of the following topics:

Technical University of Munich

Design and Optimization of Lightweight Structures | Design for Additive Manufacturing | Topology Optimization

Universität der Bundeswehr München

High-performance Structures | Composite and Hybrid Lightweight Materials | Manufacturing Technologies and Additive Manufacturing

University of Applied Sciences Munich

Simulation | Design and Manufacturing of Lightweight Materials and Structures | AI in Lightweight Design | Smart Composites

TIMELINE

Call for Papers

- 15. 08. 2022 Deadline for abstract of your presentation
- 01. 09. 2022 Notification of acceptance for the conference
- 16. 01. 2023 Full paper submission deadline
- 01. 02. 2023 Notification of acceptance for the proceedings

Dates and Locations of the Symposium

- 26. 10. 2022 Universität der Bundeswehr München
- 16. 11. 2022 University of Applied Sciences Munich
- 30. 11. 2022 Technical University of Munich

CONTACT

Technical University of Munich
TUM School of Engineering and Design
Laboratory for Product Development and Lightweight Design

+49 89 289 15151

lightweightsymposium.lpl@ed.tum.de

<https://www.mec.ed.tum.de/en/lpl/laboratory/events/>

