

**Prof. Dr. Alexander Horoschenkoff**  
**Prof. Dr. Klemens Rother**  
**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

<b>24.08.2022</b>	<b>15.08.2022</b>	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](mailto:lightweightsymposium.lpl@ed.tum.de)

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

