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LiM 2021 in cooperation with



SWISS PHOTONICS

General Chair

Michael Rethmeier
Bundesanstalt für Materialforschung und -prüfung (BAM)
Berlin, Germany

Conference Office

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Conference Venue

ICM – Internationales Congress Center München
Messegelände
81823 Munich
Germany

URL: www.icm-muenchen.de

Conference Fees

Included are the conference proceedings, the **LiM** social event, visit of the trade fair, and participation at all World of Photonics Congress conferences.

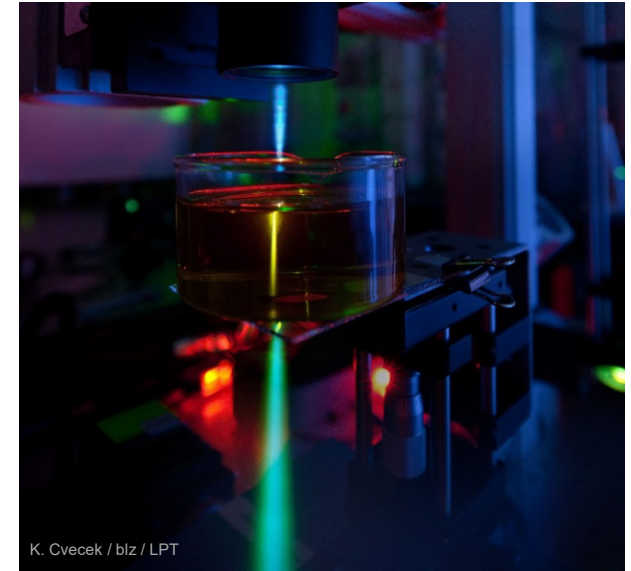
We kindly ask for your understanding that the calculation of the conference fees is currently a dynamic process, depending on the progress of the COVID-19 pandemic and the way of implementation of the WoP Congress. Therefore, we are not able to give any specific conference fees at this time. You will be informed about the fees when you register.

Nevertheless, we do not want to be stopped by this uncertain situation and would like to start with the submission process right now.

To give you security in planning, the creation of a user account in ConfTool to submit your abstract is not binding. Only your registration as participant later on when your submission will have been accepted is binding. At this stage the conference fees will have been fixed. We will keep you updated.

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LASERS IN MANUFACTURING

LiM 2021

Munich, June 21 – 24, 2021

www.wlt.de/lim

WORLD OF PHOTONICS CONGRESS
JUNE 20-24, 2021, MESSE MÜNCHEN



Conference Scope

The **LiM – Lasers in Manufacturing** is the perfect platform for efficient knowledge transfer in the field of lasers and their applications. The **LiM** is organized by the German Scientific Laser Society (**WLT**).

The **LiM** is devoted to scientific presentations on the latest research results. Following the common code of good scientific practice, the presentations shall be complete, comprehensible, and verifiable. All contributions for the **LiM** will undergo a review process by the Scientific Committee.

The **LiM** focuses on the latest developments as well as future trends in the field of laser materials processing. The conference topics address anyone who is interested in the potential of lasers in manufacturing in theory and application.

It is the aim of the **LiM** to bring together international experts from research and industry in order to match scientific advances and economic needs for mutual benefit.

The **LiM** is a part of the World of Photonics Congress 2021 and is co-located to LASER World of PHOTONICS, the world's leading trade fair and congress for components, systems and applications of photonics.

We invite you to join the **LiM** and be a part of our international community sharing ideas in inspiring talks and discussions.

Berlin/Erlangen, October 2020

Michael Rethmeier
(General Chair LiM 2021)

Michael Schmidt
(President of the WLT e.V.)

Conference Topics

The **LiM** consists of three sub-conferences – one for macro processing, one for micro processing, and one for Additive Manufacturing.

Macro Processing

Chair: Thomas Graf, IFSW, University of Stuttgart, Germany

- Macro joining
- Cutting
- Surface treatment and cladding
- Fundamentals and process simulation
- System engineering and process control

Micro Processing

Chair: Michael Schmidt, LPT, FAU Erlangen-Nürnberg, Germany

- Micro joining
- Ablation, drilling and micro cutting
- Surface functionalization
- Processing of transparent materials
- Fundamentals and process simulation
- System engineering and process control

Additive Manufacturing

Chair: Jean Pierre Bergmann, TU Ilmenau, Germany

- Laser-based Additive Manufacturing
- Laser powder bed fusion of metals, polymers and glass
- Laser metal deposition
- Simulation and modelling of laser-based Additive Manufacturing production chains
- System engineering and process control

Joint Session with CLEO

LiM works together with CLEO Conference on Lasers and Electro-Optics for a joint session on materials processing.

Social Event

Organizer: Michael F. Zaeh, iwv, TU München, Germany

An evening reception will take place on Tuesday, June 22, 2021. Participation is included in the conference fee, pre-registration is required.

The World of Photonics Congress

The World of Photonics Congress brings together a large number of different conferences and meetings covering all topics relevant to the development of modern laser and photonic science and technology.

Submission of Contributions

January 25, 2021

Abstract submission deadline

The abstracts have to be uploaded to ConfTool. Please find detailed information on: www.wlt.de/lm
Length: 150 words
Language: English
Data type: As plain text in ConfTool entry mask
Please fill in the provided form carefully

All submitted abstracts are reviewed by the Scientific Committee.

March 01, 2021

Acceptance decision note

Accepted contributions have to be presented orally at the **LiM 2021**. The template available on the LiM website (www.wlt.de/lm) must be used for writing the full paper. The total length of the paper has to be between two and ten pages.

May 03, 2021

Paper submission deadline

The camera-ready papers have to be uploaded to **ConfTool**.

Conference Proceedings

The conference proceedings of the **LiM** will be published on a memory stick. A printed abstract booklet will be handed out to the participants.

Editors

M. Rethmeier, BAM, Berlin, Germany
T. Graf, IFSW, University of Stuttgart, Germany
M. Schmidt, LPT, FAU Erlangen-Nürnberg, Germany
J. P. Bergmann, TU Ilmenau, Germany

The WLT and its targets

The German Scientific Laser Society (WLT) supports all scientific aspects of laser technology. The main targets are coordination of scientific work, technology transfer and the stimulation of cooperation.