

Scientific Committee

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LIM 2019 in cooperation with



General Chair

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Fees

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

Registration “Early Bird” until May 31, 2019:

	<i>excl. VAT</i>	<i>incl. 19% VAT</i>
Full WLT and cooperation partner members	470,59 €	560,00 €
Non WLT member	579,83 €	690,00 €
Student WLT member	168,07 €	200,00 €
Student non WLT member	210,08 €	250,00 €
One day participation	214,29 €	255,00 €

Registration “Regular” until June 19, 2019 and registration “On-Site”:

	<i>excl. VAT</i>	<i>incl. 19% VAT</i>
Full WLT and cooperation partner members	546,22 €	650,00 €
Non WLT member	655,46 €	780,00 €
Student WLT member	210,08 €	250,00 €
Student non WLT member	235,29 €	280,00 €
One day participation	268,91 €	320,00 €

Venue

ICM - Internationales Congress Center München
Messegelände
81823 Munich
Germany

www.icm-muenchen.de



LASERS IN MANUFACTURING

LIM 2019

Munich, June 24-27, 2019

www.wlt.de/lim

WORLD OF PHOTONICS CONGRESS

JUNE 23–27, 2019, 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 2019. This allows to coordinate application panels in order to highlight topics at the interface of the thematic areas covered by the participating conferences.

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

Aachen/Erlangen, September 2018

Uwe Reisgen
(General Chair LiM 2019)

Michael Schmidt
(President of the WLT)

Conference Topics

The **LiM** consists of three sub-conferences – one for macro applications, one for micro applications, and one for additive manufacturing.

Macro Processing

Chair: Michael F. Zäh, iwB, TU München, Germany

- Joining (Welding and Brazing)
- Cutting
- Surface Treatment and Cladding
- Fundamentals and Process Simulation
- System Technology and Process Control
- Laser Safety

Micro Processing

Chair: Michael Schmidt, LPT, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany

- Micro-Joining (Welding and Brazing)
- Ablation, Drilling, and Micro-Cutting
- Surface Functionalization
- Processing of Transparent Materials
- Fundamentals and Process Simulation
- System Technology and Process Control

Additive Manufacturing

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

- SLM Metal
- SLM Polymers
- Laser Metal Deposition

Social Event

Organizer: Michael F. Zäh, iwB, TU München, Germany

An evening reception will take place on Tuesday, June 25, 2019. Participation is included in the conference fee, registration is required.

The WLT and its targets

The German Scientific Laser Society (**WLT**) is a non-profit association, whose goal is to support the scientific aspects of laser technology. Among the main targets are coordination of scientific work, supporting national and international technology transfer, consulting for national and European research programs, stimulation of cooperation between its members, helping setting up norms and targets in the field of laser technology, and presenting laser technology to general public.

Submission of Contributions

January 28, 2019 UTC +01:00 Berlin 23:59

150 words abstract deadline

Abstracts must be uploaded via www.wlt.de/lim

1. Length: One half page A4 (Arial 12 points)
2. Language: English
3. Data Type: MS-Word

The following information must be included:

1. Author(s) (please underline the corresponding author)
2. Full address for correspondence
3. Mobile number of presenting author
4. Title of paper
5. Keywords (see conference topics)

All submitted abstracts are reviewed by the Scientific Committee.

March 4, 2019

Acceptance decision note

Accepted papers have to be presented orally at the **LiM** 2019.

The template available on www.wlt.de/lim must be used for the proceeding contribution.

May 6, 2019

Two to ten pages proceedings deadline

Paper must be uploaded via www.wlt.de/lim

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

U. Reisgen, ISF, RWTH Aachen University, Germany

M. F. Zäh, iwB, TU München, Germany

M. Schmidt, LPT, Univ. Erlangen-Nürnberg, Germany

M. Rethmeier, BAM, Berlin, Germany

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. In 2019 several application panels will highlight topics at the interface of the thematic areas covered by the participating conferences. This will include ultrafast lasers and their applications in materials processing, emerging areas in biophotonics, and metrology in advanced optics.