

## Scientific Committee

- J. P. Bergmann**, TU Ilmenau, Germany  
**E. Beyer**, Fraunhofer IWS, Dresden, Germany  
**M. Brandt**, RMIT University, Melbourne, Australia  
**P. Delaporte**, Aix-Marseille Université, Campus de Luminy, Marseille, France  
**D. Drummer**, LKT, University of Erlangen-Nürnberg, Germany  
**C. Emmelmann**, TUHH, Hamburg, Germany  
**T. Graf**, IFSW, University of Stuttgart, Germany  
**C. Grigoropoulos**, University of California at Berkeley, USA  
**B. Huis in 't Veld**, Fontys University of Applied Sciences, Eindhoven, The Netherlands  
**S. Kaierle**, LZH, Hannover, Germany  
**A. Kaplan**, Luleå University of Technology, Sweden  
**P. Krakhmalev**, Karlstad University, Sweden  
**J. Kruth**, KU Leuven, Belgium  
**G. N. Levy**, Technology Turn Around, Switzerland  
**P. Loosen**, RWTH Aachen, Germany  
**S.-J. Na**, University KAIST, Daejeon, Korea  
**B. Neuenschwander**, BFH, Burgdorf, Switzerland  
**S. Nolte**, FSU, Jena, Germany  
**A. Ostendorf**, RUB, Bochum, Germany  
**A. Otto**, TU Wien, Austria  
**R. Poprawe**, Fraunhofer ILT, Aachen, Germany  
**J. Pou**, University de Vigo, Spain  
**M. Rethmeier**, BAM, Berlin, Germany  
**A. Salminen**, IWE, Lappeenranta University of Technology, Finland  
**E. Uhlmann**, Fraunhofer IPK, Berlin, Germany  
**F. Vollertsen**, BIAS Bremen, Germany  
**M. Zäh**, TUM, Munich, Germany

## LIM 2017 in cooperation with



## General Chair

**Ludger Overmeyer**  
Laser Zentrum Hannover (LZH),  
ITA, University of Hannover, Germany

### Office

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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 June 1, 2017:

	<i>excl. VAT</i>	<i>incl. 19% VAT</i>
Full WLT and cooperation partner members	428,58 €	510,00 €
Non WLT member	529,41 €	630,00 €
Student WLT member	126,05 €	150,00 €
Student non WLT member	159,67 €	190,00 €
One day participation	193,28 €	230,00 €

### Registration "Regular" until June 18, 2017 and registration "On-Site":

	<i>excl. VAT</i>	<i>incl. 19% VAT</i>
Full WLT and cooperation partner members	495,80 €	590,00 €
Non WLT member	596,64 €	710,00 €
Student WLT member	163,87 €	195,00 €
Student non WLT member	193,28 €	230,00 €
One day participation	243,70 €	290,00 €

## Venue

ICM - Internationales Congress Center München  
Messegelände  
81823 Munich  
Germany

www.icm-muenchen.de



LASERS IN MANUFACTURING

LIM 2017

Munich, June 26-29, 2017

www.wlt.de/lim

WORLD OF PHOTONICS CONGRESS

JUNE 25-29, 2017 | 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 2017. This allows to coordinate joint sessions in order to highlight topics at the interface of the thematic areas covered by the participating conferences.

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

Hannover/Bochum, October 2016

Ludger Overmeyer  
(General Chair LiM 2017)

Andreas Ostendorf  
(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: Uwe Reisgen, RWTH Aachen*

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

### Micro Processing

*Chair: Andreas Ostendorf, RUB Bochum*

- 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 Schmidt, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)*

- SLM-Metal
- SLM-Polymers
- Laser Metal Deposition

### Joint Sessions with ECLEO

*Chair: Ralf B. Bergmann, BIAS Bremen*

- Polymer optics and photonics
- Two-photon-polymerization
- Waveguide writing and printing techniques

### Social Event

*Organizer: Michael Zäh, Technical University of Munich (TUM)*

An evening reception will be organized on Tuesday, June 27, 2017. 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 29, 2017 → extended until February, 6, 2017**  
**max. 300 word abstract**

Abstracts must be uploaded via [www.wlt.de/lim](http://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. Title of paper
4. Keywords (see Conference Topics)

**All submitted abstracts are reviewed by the Scientific Committee.**

### March 3, 2017

#### Acceptance decision note

Accepted papers have to be presented orally at the **LIM 2017**.

The template available on [www.wlt.de/lim](http://www.wlt.de/lim) must be used for the proceeding contribution.

### May 7, 2017

#### Two to ten pages proceedings deadline

Abstracts must be uploaded via [www.wlt.de/lim](http://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

*L. Overmeyer, Laser Zentrum Hannover*

*U. Reisgen, RWTH Aachen*

*A. Ostendorf, RUB Bochum*

*M. Schmidt, University of Erlangen-Nürnberg*

## 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 2017 several joint sessions 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. Joint sessions are especially marked in the calls for papers and programs.