

All submitted scientific abstracts will be reviewed. The full papers of the accepted scientific contributions will be visible for free on Elsevier's Physics Procedia on ScienceDirect. In addition, all papers will also be incorporated into Scopus.

#### Editors

M. Schmidt, LPT, University of Erlangen-Nürnberg  
M. F. Zaeh, *iwb*, Technische Universität München  
T. Graf, IFSW, University of Stuttgart  
A. Ostendorf, LAT, Ruhr-Universität Bochum

#### Submission of Contributions

##### 1<sup>st</sup> Step (scientific and industrial contributions):

Extended abstracts must be uploaded to the ConfTool under <https://www.conftool.net/lim> until **December 16<sup>th</sup>, 2010**.

About the extended abstract:

1. Decision: Scientific or industrial contribution
2. Template: [www.blz.org/lim](http://www.blz.org/lim)
3. Length: 3 pages
4. Language: English
5. Data Type: MS-Word

##### 2<sup>nd</sup> Step (only scientific contributions):

In case of a positive review result of your extended scientific abstract you will receive another template for your full paper on **January 14<sup>th</sup>, 2011**.

##### 3<sup>rd</sup> Step (only scientific contributions):

For publication your full paper (5-10 pages) must be submitted until **February 14<sup>th</sup>, 2011**.

Industrial and accepted scientific contributions have to be presented orally at the LiM conference.

#### Scientific Committee

**Arnold, C.**, Princeton University, New Jersey, USA  
**Aubry, P.**, Arts et Métiers ParisTech, Paris, France  
**Bergmann, R.**, BIAS, Bremen, Germany  
**Beyer, E.**, Fraunhofer IWS, Dresden, Germany  
**Emmelmann, C.**, Tech. Univ. Hamburg-Harburg, Germany  
**Fabbro, R.**, Coopération Laser Franco-Allemande, Paris, France  
**Geiger, M.**, Bayerisches Laserzentrum, Erlangen, Germany  
**Goch, G.**, University of Bremen, Germany  
**Hilton, P.**, The Welding Institute, Cambridge, UK  
**Hügel, H.**, University of Stuttgart, Germany  
**Hugenschmidt, M.**, ISL, Saint-Louis, France  
**in 't Veld, H.**, University of Twente, The Netherlands  
**Jüptner, W.**, University of Aberdeen, UK  
**Kaplan, A.**, Luleå University of Technology, Sweden  
**Katayama, S.**, Osaka University, Japan  
**Klocke, F.**, Fraunhofer IPT, Aachen, Germany  
**Konov, V. I.**, Russian Academy of Sciences, Moscow, Russia  
**Leipertz, A.**, University of Erlangen-Nürnberg, Germany  
**Levy, G. N.**, inspire AG, St. Gallen, Switzerland  
**Loosen, P.**, RWTH Aachen, Germany  
**Miyamoto, I.**, Osaka University, Japan  
**Neuenschwander, B.**, Swisslaser Net, Switzerland  
**Osten, W.**, University of Stuttgart, Germany  
**Overmeyer, L.**, Laser Zentrum Hannover, Germany  
**Pfeifer, T.**, RWTH Aachen, Germany  
**Piqué, A.**, Naval Research Laboratory, Washington, USA  
**Poprawe, R.**, Fraunhofer ILT, Aachen, Germany  
**Romano, V.**, University of Bern, Switzerland  
**Schmitt, R.**, RWTH Aachen, Germany  
**Sugioka, K.**, RIKEN, Wako, Japan  
**Tiziani, H. J.**, University of Stuttgart, Germany  
**Vollertsen, F.**, BIAS, Bremen, Germany  
**Weingärtner, W.**, University of Santa Catarina, Brazil

#### General Chair

Prof. Dr.-Ing. Michael Schmidt  
Chair of Photonic Technologies (LPT)  
University of Erlangen-Nürnberg

#### Office General Chair

Dr.-Ing. Hans-Joachim Krauß  
Bayerisches Laserzentrum GmbH (blz)  
Konrad-Zuse-Strasse 2-6  
91052 Erlangen  
Germany  
Phone: +49-9131-9779023  
Fax: +49-9131-9779011  
Email: [lim@blz.org](mailto:lim@blz.org)  
URL: [www.blz.org/lim](http://www.blz.org/lim)

#### Fees

Registration until April 29<sup>th</sup>, 2011

	<i>incl. VAT</i>
Full WLT member	€ 490,00
Non WLT member	€ 610,00
Student WLT member	€ 105,00
Student non WLT member	€ 145,00
One-day participation	€ 210,00

Registration on site

	<i>incl. VAT</i>
Full WLT member	€ 570,00
Non WLT member	€ 690,00
Student WLT member	€ 150,00
Student non WLT member	€ 185,00
One-day participation	€ 270,00

Payments should be made on receipt of invoice. For payment with credit card please note that only VISA and Master cards can be accepted.



# Lasers in Manufacturing (LiM 2011)

Last Call for Papers

Munich ICM

International Congress  
Centre Munich, Germany

May 23-26, 2011

[www.blz.org/lim](http://www.blz.org/lim)



World of Photonics  
Congress

20th International Congress on Photonics in Europe

collocated with LASER World of PHOTONICS 2011

Messe München GmbH, Messagelände, 81823 München, Tel. (+49 89) 9 49-114 68, [info@photonics-congress.com](mailto:info@photonics-congress.com)  
[www.photonics-congress.com](http://www.photonics-congress.com)

## Conference Scope

From lab to production hall at the speed of light: Knowledge transfer is our target at the LiM - Lasers in Manufacturing 2011 (May 23<sup>rd</sup>-26<sup>th</sup>, 2011, Munich).

The LiM - organized by the German Scientific Laser Society (WLT) - focuses on the latest developments as well as future trends in the field of Laser Material Processing.

Dealing with Nano, Micro and Macro Process Engineering, System Technology and Process Optimization, LiM 2011 addresses anyone interested in the potential of lasers in application.

As our conference is a part of the World of Photonics Congress (WoP) 2011 there are joint sessions coordinated in order to highlight topics at the interface of the thematic areas covered by the participating conferences.

For the first time contributions for the LiM will undergo a review process by the Scientific Committee. This will increase and guarantee the quality of the papers and is a contribution to the scientific habits of all disciplines. Therefore, the online publication of accepted scientific contributions on Elsevier's Physics Procedia on ScienceDirect and their incorporation into Scopus will be of benefit for all LiM authors.

It is the aim of LiM 2011 to bring together international experts from research and industry in order to match scientific advances and economic needs for mutual benefit. To facilitate industrial point of view presentations, application oriented contributions do not have to run through the scientific review process and are not published in Physics Procedia / conference proceedings. Authors of industrial contributions will get the chance to present their results in an oral talk at the LiM conference. We invite you to join LiM 2011 and be a part of our international community via sharing ideas in inspiring talks and discussions.

Erlangen/Munich, November 2010

Prof. Dr.-Ing. Michael Schmidt  
(General Chair LiM 2011)

Prof. Dr.-Ing. Michael Zaeh  
(President of the WLT)

## Conference Topics

LiM 2011 focuses especially on Laser Material Processing.

You may give a scientific or industrial oriented point of view on the following topics:

### Macro Processing

Chair: M. F. Zaeh, Technische Universität München

- Welding, Brazing & Soldering
- Cutting & Drilling
- Surface Treatment
- Simulation, Sensing & Control
- Advanced Beam Sources & System Engineering

### Micro Processing

Chair: T. Graf, University of Stuttgart

- Micro Joining
- Micro Cutting
- Micro Structuring
- Nano Processing
- Simulation, Sensing & Control
- Advanced Beam Sources & System Engineering

### Joint Sessions with ECLEO

TechFocus Session on Progress in Fiber Lasers and Emerging Applications

Chairs: A. Ostendorf, Ruhr-Universität Bochum (LiM)

M. Zervas, University of Southampton (ECLEO)

Joint Session on Material Processing with Ultrashort Laser Pulses

Chairs: A. Ostendorf, Ruhr-Universität Bochum (LiM)

B. Chichkov, Laser Zentrum Hannover e.V. (ECLEO)

### Publication & Review Process

The proceedings of the LiM 2011 will be published in Elsevier's Physics Procedia. This e-only platform focuses solely on the publication of high quality conference proceedings. By allowing conference delegates to publish their papers in a dedicated line issue on ScienceDirect, which is then made freely available throughout the world, Physics Procedia facilitates a fast dissemination.

## The World of Photonics Congress 2011

The World of Photonics Congress brings together a large number of general and topical meetings covering all topics relevant to the development of modern lasers and photonic science and technology. Since 2011, a series of special joint sessions are being coordinated in order to highlight topics at the interface of the thematic areas covered by the participating conferences, with the topics covered including emerging areas in biophotonics, fundamentals and modeling of materials processing with lasers, fiber lasers and amplifiers and metrology in advanced optics. Joint sessions are especially marked in the calls for papers and programmes.

### The WLT and its targets

The German Scientific Laser Society (WLT) is a non-profit association, whose goal is to support the scientific sector of laser technology. Several of its main targets are coordinating scientific work, supporting technology transfer, both nationally and internationally, offering consulting for research programmes (National and European), stimulation of cooperation between its members, helping set up norms and goals in the field of laser technology, and presenting laser technology to the general public.

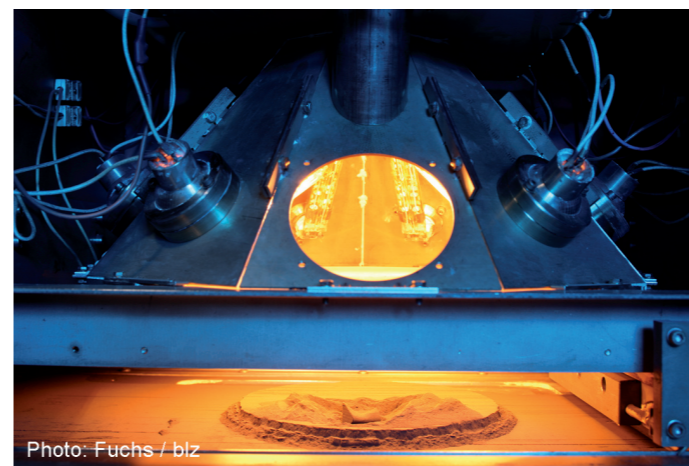


Photo: Fuchs / blz

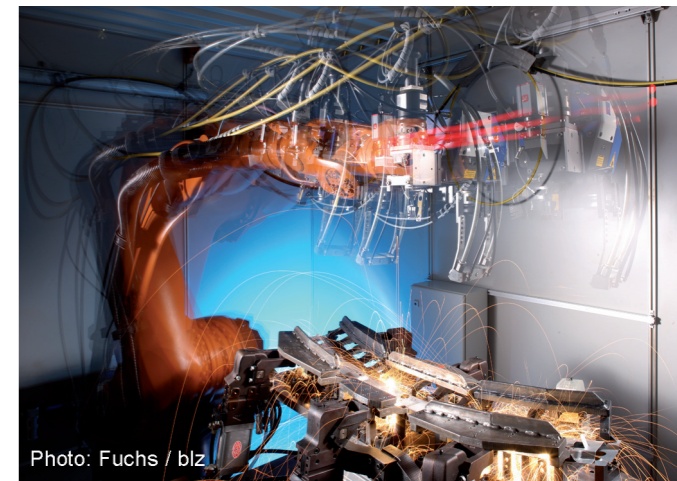


Photo: Fuchs / blz

### Venue

Messe München GmbH  
Messegelände  
81823 München  
Germany

Phone: +49-89-949-11468

Fax: +49-89-949-11469

E-Mail: [info@photonics-congress.com](mailto:info@photonics-congress.com)

URL: [www.photonics-congress.com](http://www.photonics-congress.com)

### LiM 2011 in cooperation with

