

The Second Announcement and Call for Papers SLPC 2014

# The First Smart Laser Processing Conference 2014

# SLPC2014

Organized by Japan Laser Processing Society

April 22 (Tuesday) to 24 (Thursday), 2014

<http://www.jlps.gr.jp/slpc2014/>



Venue: Pacifico Yokohama, Yokohama, Japan  
Co-located with Optics & Photonics International Congress 2014

## *Aim and Scope*

Laser beam processing has played an important role in industrial fields of not only macro-products but also micro-products, and its technologies are essential to open the new strategies of smart manufacturing process. SLPC2014 deals with science and technology of smart laser materials processing including micro and macro laser processing. SLPC2014 is planned as a three-day event with a plenary session, oral sessions and poster session. The aim of this conference is to provide a forum for discussion of fundamental aspects of laser-matter interaction, the state-of-the-art of smart laser processing, and topics for the next generation with fundamental scientists, end users and laser manufacturers. We expect that SLPC2014 would play an important role not only for understanding fundamental knowledge of laser processing but also forecasting future technologies and the future laser processing fields. During the conference, Optics and Photonics International Exhibition is held jointly at the conference site.

## *Topics and Fields:*

Micro Nano Processing	Short Wavelength Application
Bio Application	Ultrashort Pulsed Laser Processing
Functional Surface Manufacturing	Laser Peening and Related Phenomena
Additive Manufacturing	CFRP Processing
Advanced Lasers and Optical Technologies	Industrial Applications
Others	

## *Important Dates*

Abstract Due Date:	January 31, 2014, Friday JST (Extended)
Early Registration Due Date:	March 20, 2014, Thursday JST
Registration Due Date for Presenting Authors:	March 20, 2014, Thursday JST
Manuscript Due Date:	March 31, 2014, Monday JST

## The Second Announcement and Call for Papers SLPC 2014

### Committees

Conference Chairs: Yasuhiro Okamoto, Okayama University, Japan  
Reinhart Poprawe, Fraunhofer Institute for Laser Technology, Germany

#### Program Committee:

Chair: Masahiro Tsukamoto, Osaka University, Japan  
Members: Masayuki Fujita, Institute for Laser Technology, Japan  
Masaki Hashida, Kyoto University, Japan  
Yoshio Hayasaki, Utsunomiya University, Japan  
Masahito Katto, Miyazaki University, Japan  
Tetsuya Makimura, University of Tsukuba, Japan  
Hitoshi Nakano, Kinki University, Japan  
Satoshi Wada, RIKEN, Japan

#### International Advisory Committee:

Members: Chung-Wei Cheng, National Chiao Tung University, Taiwan  
Shuili Gong, Beijing Aeronautical Manufacturing Technology Research Institute, China  
Peter R. Herman, University of Toronto, Canada  
Lin Li, The University of Manchester, UK  
Yongfeng Lu, University of Nebraska-Lincoln, USA  
Eric Mottay, Amplitude Systemes, France  
Beat Neuenschwander, Bern University of Applied Sciences, Switzerland  
Minoru Obara, Keio University, Japan  
Minlin Zhong, Tsinghua University, China

#### Setting Committee:

Chair: Kunihiro Washio, Paradigm Laser Research Ltd., Japan  
Members: Kohji Hirano, Nippon Steel & Sumitomo Metal Corporation, Japan  
Tomokazu Sakagawa, Kataoka Corporation, Japan  
Takayuki Tamaki, Nara National College of Technology, Japan  
Mitsuhiro Terakawa, Keio University, Japan

### Co-operating Societies and Media Partners

Association of Laser Users, AILU  
Club Laser et Procédés, CLP  
Industrial Laser Solutions for Manufacturing  
Laser Institute of America, LIA  
Optoelectronics Industry and Technology Development Association, OITDA  
Swissphotonics  
Wissenschaftlichen Gesellschaft Lasertechnik e.V., WLT



## The Second Announcement and Call for Papers SLPC 2014

### *Invited Speakers (More to be added)*

Chung-Wei Cheng, Industrial Technology Research Institute, Taiwan  
Bo Gu, Bos Photonics, USA  
Shuili Gong, Beijing Aeronautical Manufacturing Technology Research Institute, China  
Peter R. Herman, University of Toronto, Canada  
Karsten Koenig, University of Saarland, Germany  
Lin Li, The University of Manchester, UK  
John Lopez, University of Bordeaux, CNRS, France  
Yongfeng Lu, University of Nebraska Lincoln, USA  
Haibin Zhang, Electro Scientific Industries, Inc., USA  
Reinhart Poprawe, Fraunhofer Institute for Laser Technology, Germany  
Koji Sugioka, RIKEN, Japan  
Paul J. L. Webster, Laser Depth Dynamics Inc., Canada  
Minlin Zhong, Tsinghua University, China

### *Registration Fees*

Society	Type	Before/on March 20, 2014	After March 20, 2014
Member*	General	JPY 40,000-	JPY 44,000-
	Student	JPY 18,000-	JPY 21,000-
Non-member	General	JPY 45,000-	JPY 50,000-
	Student	JPY 21,000-	JPY 23,000-

\*Member: JLPS and cooperating societies of SLPC2014 and OPIC2014

### *Sponsors*

We would like to encourage you to become SLPC2014 event sponsor. For the details, please contact SLPC2014 secretary.

Level	Price	Quantity
GOLD	JPY 200,000-	Open for 1 contribution
SILVER	JPY 100,000-	Open for 3 contributions
BRONZE	JPY 50,000-	Open for 10 contributions

### *Contact*



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