

# The Second Smart Laser Processing Conference 2016

# SLPC2016

Organized by Japan Laser Processing Society

May 17 (Tuesday) to 19 (Thursday), 2016

<http://www.jlps.gr.jp/slpc2016/>



Venue: Pacifico Yokohama, Yokohama, Japan  
Co-located with Optics & Photonics International Congress 2016

## 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 such as highly integrated, accurate, efficient processing with low energy consumption. SLPC2016 deals with science and technology of smart laser materials processing including micro and macro laser processing. SLPC2016 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 SLPC2016 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:

Cutting	Welding
Additive Manufacturing / Selective Laser Melting	Cladding / Laser Metal Deposition
Functional Surface Manufacturing	Laser Peening and Related Phenomena
Laser Polishing / Cleaning	Short Wavelength Application
Micro Nano Processing	Ultrashort Pulsed Laser Processing
Advanced Lasers and Optical Technologies	CFRP Processing
Industrial Applications	Others

## IMPORTANT DATES

One-Page Digest Due Date: January 25, 2016, Monday JST

Early Registration Due Date: April 15, 2016, Friday JST

Registration Due Date for Presenting Authors: April 15, 2016, Friday JST

## The Second Announcement and Call for Papers SLPC 2016

### *COMMITTEE MEMBERS*

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  
Takahiro Nakamura, Tohoku University  
Satoshi Wada, RIKEN, Japan

#### International Advisory Committee:

Members: Chung-Wei Cheng, National Chiao Tung University, Taiwan  
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Eric Mottay, Amplitude Systemes, France  
Beat Neuenschwander, Bern University of Applied Sciences, Switzerland  
Minoru Obara, Keio University, Japan  
Andreas Ostendorf, Ruhr-University Bochum, Germany  
Minlin Zhong, Tsinghua University, China

#### Steering Committee:

Chair: Kunihiko Washio, Paradigm Laser Research Ltd., Japan  
Members: Tomokazu Sakagawa, Kataoka Corporation, Japan  
Yuji Sato, Osaka University, Japan  
Togo Shinonaga, Okayama University, Japan

### *Invited Speakers*

#### Plenary Session

Lin Li, The University of Manchester, UK (Keynote)  
Hideki Kyogoku, Kinki University, Japan

#### Technical Sessions

Andrew Held, Coherent, Inc., USA  
Young Kwon, Powerlase Photonics Ltd., UK  
Timothy McComb, nLight Corporation, USA  
Eric Mottay, Amplitude Systemes, France  
Beat Neuenschwander, Bern University of Applied Sciences, Switzerland  
Stefan Nolte, Friedrich Schiller University Jena, Germany  
Andreas Ostendorf, Ruhr-University Bochum, Germany  
Reinhart Poprawe, Fraunhofer Institute for Laser Technology, Germany  
Rudolf Weber, IFSW, Stuttgart University, Germany  
Taku Yamazaki, Yamazaki Mazak Corporation, Japan

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### Special Events

- SLPC 2016 Evening Reception: May 17, 2016
- OPIC 2016 Plenary session will be held in the morning of May 18, 2016  
(For further information, see <http://opicon.jp/program/plenary-session/> )
- Joint sessions with SLPC 2016, LIC 16 (The 4th Laser Ignition Conference) and PLD 16 (The 5th Pacific-rim Laser Damage Conference) will be held in the afternoon of May 18, 2016
- OPIC 2016 Banquet: May 18, 2016  
(Registered attendees for the SLPC 2016 are invited to attend all of the above events for free)

### Co-operating Societies and Media Partners

Association of Industrial 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



Laser Institute  
of America  
*Laser Applications and Safety*



### Sponsors (Open for application till February 26, 2016)

We would like to encourage you to become SLPC2016 event sponsor.

For the details, please contact SLPC2016 secretary.

Sponsorship:            GOLD: JPY200,000, Open for 4 sponsors  
                              SILVER: JPY100,000, Open for 4 sponsors  
                              BRONZE: JPY 50,000, Open for 10 sponsors

### REGISTRATION FEES

		Before/on April 15, 2016	After April 15, 2016
Member	Conference (General)	JPY 40,000-	JPY 45,000-
	(Student, Retiree)	JPY 18,000-	JPY 21,000-
Non- member	Conference (General)	JPY 45,000-	JPY 50,000-
	(Student, Retiree)	JPY 21,000-	JPY 23,000-

### CONTACT

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