

SLPC2020

THE 4TH SMART LASER PROCESSING CONFERENCE 2020 APRIL 21 to APRIL 23, 2020 PACIFICO YOKOHAMA, YOKOHAMA, JAPAN

Conference website: <http://www.jlps.gr.jp/slpc2020/>
Co-located with Optics & Photonics International Congress 2020 (OPIC2020)
Organized by Japan Laser Processing Society (JLPS)



AIM AND SCOPE

Laser beam processing is 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. SLPC2020 deals with science and technology of smart laser materials processing including micro and macro laser processing. SLPC2020 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 SLPC2020 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
Additive Manufacturing / Selective Laser Melting
Functional Surface Manufacturing
Laser Polishing / Cleaning
Micro Nano Processing
Advanced Lasers and Optical Technologies
Industrial Applications
High Power Blue and Green Laser

Welding
Cladding / Laser Metal Deposition
Laser Peening and Related Phenomena
Short Wavelength Application
Ultrashort Pulsed Laser Processing
CFRP Processing
AI / CPS Laser Processing
Others



IMPORTANT DATES

One-Page Digest (Abstract) Submission Starts from	October, 1, 2019
One-Page Digest (Abstract) Submission Due Date	January 28, 2020
Registration Starts from	December 18, 2019
VISA Support Due Date (Advance registration and full payment should be completed.)	March 19, 2020
Early-Bird Registration Due Date	April 7, 2020
Registration Due Date for Presenting Authors	To be announced



URL

One-Page Digest Submission: <https://opicon.jp/submission>

For Registration: <https://opicon.jp/registration/online>



COMMITTEE MEMBERS

Conference Chairs

Masahiro Tsukamoto, JWRI, Osaka University, Japan

Reinhart Poprawe, Fraunhofer Institute for Laser Technology, Germany

Steering Committee

Chair:

Yuji Sato, JWRI, Osaka University, Japan

Program Committee

Chair:

Masaki Hashida, Kyoto University, Japan

Co-Chairs:

Masahito Katto, University of Miyazaki, Japan

Aiko Narazaki, National Institute of Advanced Industrial Science and Technology (AIST), Japan

Members:

Yoshio Hayasaki, Utsunomiya University, Japan

Shinji Motokoshi, Institute for Laser Technology, Japan

Takahiro Nakamura, Tohoku University, Japan

Hitoshi Nakano, Kindai University, Japan

Yasuhiro Okamoto, Okayama University, Japan

Tomokazu Sano, Osaka University, Japan

Keisuke Shigemori, Osaka University, Japan

Rie Yamagishi, Fukuoka Institute of Technology, Japan



CONTACT

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