

# OPTICS & PHOTONICS International Congress 2018

## Call for Papers

Abstract Submission Deadline

December 14, 2017

-extended to January 26, 2018



The speakers and the latest information of the conference will be presented on the web site.

<http://lsse.opicon.jp/>

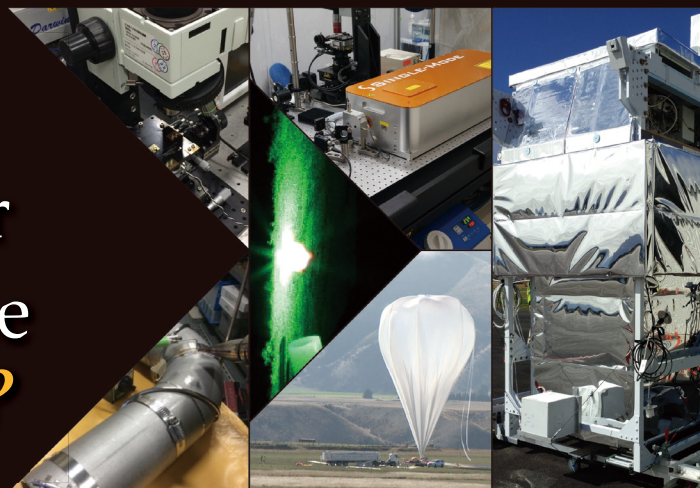
The aim of "Laser Solutions for Space and the Earth" is to discuss the application of emerging laser technologies to solve various problems for sustainable developments of space and the earth. We consider "Agri-Photonics", "Infrastructure (Nondestructive Testing and 3-D Imaging)" and "Energy Production and Transmission" as the featured topics of the year 2018.

### TOPICS

- Laser-Induced Breakdown Spectroscopy in Space
- Laser-Induced Breakdown Spectroscopy on the Earth
- Remote Sensing
- Agri-Photonics
- Adaptive Optics
- Infrastructure (Nondestructive Testing)
- Infrastructure (3-D Imaging)
- Energy Production and Transmission
- Atomic Energy
- Space Debris
- Others

April 24-27, 2018 at Pacifico Yokohama, Japan

## Laser Solutions for Space and the Earth 2018



### INVITED SPEAKERS

#### Keynote Speech



Hiroki Takesue

NTT Corporation

\*Awarded Nishina Memorial Prize 2017

A coherent Ising machine for solving combinatorial optimization problems



Naoshi Kondo

Kyoto University

\*Awarded Japan Prize of Agricultural Science 2017

Agri-photonics and Agri-robotics for Food Production toward Global Population 9 Billion time



Sakae Shibusawa

Tokyo University of Agriculture and Technology

Context Changes with Advanced Precision Agriculture and Agro-medical Foods in Japan

Nobuyoshi Yabuki, *Osaka University*  
Hitoshi Kiuchi, *National Astronomical Observatory Japan*  
Kaori Fukunaga, *National Institute of Information and Communications Technology*  
Yuki Sato, *Japan Atomic Energy Agency*  
Hidenobu Sumioka, *Advanced Telecommunications Research Institute International*  
Masaharu Nishikino, *National Institutes for Quantum and Radiological Science and Technology*  
Keisuke Shigemori, *Osaka University*  
Tatsuya Kodama, *Niigata University*  
Odtsetseg Myagmarjav, *Japan Atomic Energy Agency*  
Kohji Nagashima, *Kyoto University*  
Yoshiki Okuhara, *Japan Fine Ceramics Center*  
Takuya Kawahara, *Shinshu University*  
Yutaka Hayano, *National Astronomical Observatory Japan*  
Alexis Kudryashov, *AKA Optics SAS, France*  
Toshikazu Ebisuzaki, *RIKEN*  
Suming Chen, *National Taiwan University*  
Yuichi Ogawa, *Kyoto University*  
Taro Fukuyama, *RIKEN*

...and others.

## REGISTRATION

Registration Fees		On/Before April 5, 2018	April 6 – April 20, 2018 & On-Site
General	Member	55,000 JPY	60,000 JPY
	Non-member	65,000 JPY	70,000 JPY
Student, Retiree	Member	18,000 JPY	21,000 JPY
	Non-member	21,000 JPY	23,000 JPY

## OPTICS&PHOTONICS International Congress 2018 (OPIC2018) <http://opicon.jp/>

Twelve international conferences held simultaneously. By registering for this conference, you can participate in all international conferences.

- ALPS2018: The 7th Advanced Lasers and Photon Sources
- BISC2018: The 4th Biomedical Imaging and Sensing Conference
- HEDS2018: International Conference on High Energy Density Science 2018
- ICNN2018: International Conference on Nano-photonics and Nano-optoelectronics 2018
- IoT-SNAP2018: IoT Enabling Sensing/Network/AI and Photonics Conference
- LDC2018: Laser Display and Lighting Conference 2018
- LEDIA2018: The 6th International Conference on Light-Emitting Devices and Their Industrial Applications
- LIC2018: The 6th Laser Ignition Conference 2018
- LSC2018: Conference on Laser and Synchrotron Radiation Combination Experiment 2018
- OMC2018: The 5th Optical Manipulation Conference
- PLD2018: Pacific Rim Laser Damage 2018
- SLPC2018: The 3rd Smart Laser Processing Conference 2018
- XOPT2018: International Conference on X-ray Optics and Applications 2018

## Exhibition

OPTICS & PHOTONICS International Exhibition, OPIE'18 will be held simultaneously on April 25-27 at Pacifico Yokohama.

## CONFERENCE CHAIR

Toshikazu Ebisuzaki (*RIKEN*)

## INTERNATIONAL ADVISORY BOARD

Prof. R. Li (*Shanghai Institute of Optics and Fine Mechanics, China*)

Prof. G. Mourou (*Ecole Polytechnique/IZEST, France*)

Prof. T. Tajima (*UC Irvine, USA*)

Prof. X. Yan (*Peking University, China*)

## SCIENCE ORGANIZING COMMITTEE

S. Aoki (*Keio University, Japan*)

H. Daido (*Japan Atomic Energy Agency, Japan*)

T. Ebisuzaki (*RIKEN, Japan*), Chair

T. Fujii (*CRIEPI, Japan*)

K. Fujita (*The Graduate School for the Creation of New Photonics Industries, Japan*)

Y. Kitazawa (*JAXA, IHI, Japan*)

H. Lu (*Peking University*)

C. Phippes (*Photonics Associates, USA*)

M. Quin (*Ecole Polytechnique, France*)

A. Sasoh (*Nagoya University, Japan*)

M. Vasile (*University of Strathclyde*)

S. Wada (*RIKEN, Japan*)

T. Yanagisawa (*JAXA, Japan*)

Y. Shimada (*ILT, Japan*)

A. Nishimura (*Japan Atomic Energy Agency, Japan*)

S. Shibusawa (*Tokyo University of Agriculture and Technology, Japan*)

A. Shinjo (*Keio University, Japan*)

T. Ogawa (*RIKEN, Japan*)

## SUBMISSION OF PAPERS

The abstract and the contact information template will be available through the web site.

[http://paper.opicon.jp/lse\\_paper/](http://paper.opicon.jp/lse_paper/)

The deadline is no later than January 26, 2018.

## POSTER SESSION

The author(s) of poster presentations will be informed of the size of bulletin board for displaying summary, figures, tables, etc., when selected as poster papers.

## OFFICIAL LANGUAGE

The official language of LSSE2018 is English.

## LOCATION OF CONFERENCE SITE

The LSSE2018 will take place at Pacifico Yokohama, Yokohama city, Kanagawa prefecture, JAPAN. Yokohama city, the center of Kanagawa prefecture is located south of Tokyo. Pacifico Yokohama is conveniently located about 40 min. by Limousine Bus from Haneda Airport and 90 min. from Narita Airport.

### Pacifico Yokohama

1-1-1 Minato Mirai, Nishi-ku, Yokohama 220-0012, Japan

<http://www.pacifico.co.jp/english/>

Transportation Guide: TEL +81-45-221-2166

Information: TEL +81-45-221-2155

FAX +81-45-221-2136