

# 2nd Announcement

OPTICS & PHOTONICS International Congress

 **OPIC 2019**

**Co-located with OPIE '19**



**<https://opicon.jp/>**

**Organized by**  
**OPTICS & PHOTONICS International Council**

**Specialized International Conference Organized by**

The Laser Society of Japan / The Optical Society of Japan / SPIE-The International Society for Optics and Photonics / Akasaki Research Center (ARC), Nagoya University / The Graduate School for the Creation of New Photonics Industries / The Ubiquitous Power Laser Technical Group, The Laser Society of Japan / The Executive Committee of Laser Solution for Space and the Earth / Optical Wireless Power Transmission Committee, The Laser Society of Japan / RIKEN SPring-8 Center / Institute for Nano Quantum Information Electronics, The University of Tokyo / Research Center for Ultra-Precision Science & Technology, Osaka University

**Supported by**

Ministry of Education, Culture, Sports, Science and Technology / Ministry of Economy, Trade and Industry / Ministry of Agriculture, Forestry and Fisheries of Japan / Ministry of Health, Labour and Welfare / Ministry of Land, Infrastructure, Transport and Tourism / KEIDANREN (Japan Business Federation) / Japan Science & Technology Agency (JST) / Japan Tourism Agency (JTA)

**In cooperation with**

AESJ-Atomic Energy Society of Japan / AIST-The National Institute of Advanced Industrial Science and Technology / Fraunhofer Institute for Laser Technology ILT(Germany) / ILT-Institute for Laser Technology / JPC-Japan Photonics Council / JSPF-The Japan Society of Plasma Science and Nuclear Fusion Research / NEDO-New Energy and Industrial Technology Development Organization / OITDA-Optoelectronic Industry and Technology Development Association / OSA-The Optical Society (USA) / Photonics Media (USA) / PIDA (Taiwan) / QST-National Institutes for Quantum and Radiological Science and Technology / RIKEN

**Date: 22 – 26 April, 2019**

**Venue: Pacifico Yokohama, Kanagawa, Japan**

**Deadline for paper submissions; 30 January 2019**

## Meeting Schedule

<b>Monday 22 April</b>	Specialized international conferences, Get-together
<b>Tuesday 23 April</b>	Plenary Sessions, Joint Sessions, Specialized international conferences
<b>Wednesday 24 April</b>	Joint Sessions, Specialized international conferences, Reception
<b>Thursday 25 April</b>	Specialized international conferences
<b>Friday 26 April</b>	Specialized international conferences, Joint Sessions

## Plenary Sessions

Tuesday 23 April <Room 501+502>



### Ursula Keller

Professor, Physics Department, ETH Zurich and Director, National Center of Competence in Molecular Ultrafast Science and Technology (NCCR MUST)

**Recent advances in SESAM-modelocked high-power thin disk lasers**



### Ruxin Li

Director, Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences

**The 10PW and 100PW lasers: paving the way for exploring the next frontier of high field physics**



### Mike Dunne

Director of the Linac Coherent Light Source (LCLS), Stanford University

**'A billion times brighter': An overview of the revolution underway in X-ray science**



### Yoshihisa Yamamoto

Program Manager of ImPACT Program, Japan Science and Technology Agency

**Quantum Neural Network - Coherent Ising Machine, XY Machine and Recurrent Neural Network -**

## Joint Sessions

■ **ALPS + HEDS + XOPT**

Tuesday 23 April, PM

■ **LDC + LEDIA**

Tuesday 23 April, PM

■ **BISC + OMC**

Wednesday 24 April, AM

■ **BISC + IP**

Friday 26 April, AM

■ **IP + LDC**

Friday 26 April, PM

## Conferences & Sponsors

- **ALPS** - The 8th Advanced Lasers and Photon Sources  
*Sponsored by* The Laser Society of Japan  
*Conference Chair:* **Hitoki Yoneda**, The University of Electro-Communications
  
- **BISC** - The 5th Biomedical Imaging and Sensing Conference  
*Sponsored and organized by* SPIE-The International Society for Optics and Photonics  
*Conference Chair:* **Toyohiko Yatagai**, Utsunomiya University
  
- **HEDS** - International Conference on High Energy Density Science 2019  
*Sponsored by* The Laser Society of Japan  
*Conference Chair:* **Tomonao Hosokai**, Osaka University
  
- **ICNN** - International Conference on Nano-photonics and Nano-optoelectronics 2019  
*Sponsored by* Institute for Nano Quantum Information Electronics, The University of Tokyo  
*Conference Chair:* **Yasuhiko Arakawa**, The University of Tokyo
  
- **IoT-SNAP** - IoT Enabling Sensing/Network/AI and Photonics Conference 2019  
*Sponsored by* The Graduate School for the Creation of New Photonics Industries  
*Conference Chairs:* **Norihiro Hagita**, ATR Intelligent Robotics and Communication Laboratories  
**Ronald Freund**, Fraunhofer Heinrich Hertz Institute
  
- **IP** - Information Photonics 2019  
*Sponsored by* The Optical Society of Japan  
*Conference Chairs:* **Yoshio Hayasaki**, Utsunomiya University
  
- **LDC** - Laser Display and Lighting Conference 2019  
*Sponsored by* The Optical Society of Japan  
*Conference Chairs:* **Kazuo Kuroda**, Utsunomiya University, **Hiroshi Murata**, Mie University
  
- **LEDIA** - The 7th International Conference on Light-Emitting Devices and Their Industrial Applications  
*Sponsored by* Akasaki research Center (ARC), Nagoya University  
*Conference Chair:* **Hiroshi Amano**, Nagoya University
  
- **LIC** - The 7th Laser Ignition and Giant-microphotonics Conference  
*Sponsored by* The Ubiquitous Power Laser Technical Group, The Laser Society of Japan  
*Conference Chair:* **Takunori Taira**, RIKEN
  
- **LSSE** - Laser Solution for Space and the Earth 2019  
*Sponsored by* The Executive Committee of Laser Solution for Space and the Earth  
*Conference Chair:* **Toshikazu Ebisuzaki**, RIKEN
  
- **OMC** - The 6th Optical Manipulation and Structured Materials Conference  
*Sponsored and organized by* SPIE-The International Society for Optics and Photonics  
*Conference Chair:* **Takashige Omatsu**, Chiba University
  
- **OPTM** - Optical Technology and Measurement for Industrial Applications 2019  
*Sponsored and organized by* SPIE-The International Society for Optics and Photonics  
*Conference Chair:* **Takeshi Hatsuzawa**, Tokyo Institute of Technology
  
- **OWPT** - Optical Wireless and Fiber Power Transmission Conference 2019  
*Sponsored by* Optical Wireless Power Transmission Committee, The Laser Society of Japan  
*Conference Chair:* **Tomoyuki Miyamoto**, Tokyo Institute of Technology  
**Noriyuki Yokouchi**, American Furukawa Inc.
  
- **XOPT** - International Conference on X-ray Optics and Applications 2019  
*Sponsored by* RIKEN SPring-8 Center,  
Research Center for Ultra-Precision Science & Technology, Osaka University  
*Conference Chairs:* **Tetsuya Ishikawa**, RIKEN,  
**Kazuto Yamauchi**, Osaka University



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<b>Ruxin Li</b>	Director, Shanghai Institute of Optics and Fine Mechanics, China

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<b>Ronald Freund</b>	Fraunhofer Heinrich Hertz Institute, IoT-SNAP
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<b>Noboru Hasegawa</b>	National Institutes for Quantum and Radiological Science and Technology, LSSE
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<b>Tsuyoshi Nakamura</b>	TRUMPF
<b>Kanji Ito</b>	Hamamatsu Photonics K.K.
<b>Tetsuya Nakai</b>	Thorlabs Japan

## Submission Date

**Paper Deadline:** 30 January, 2019

For details, see the call for papers of each conference (<https://opicon.jp/>).

## PLENARY SESSIONS

OPIC2019's plenary session is scheduled on its second day, Tuesday 23 April 2019.

This plenary sessions will feature industry leaders from the optics and photonics community. OPIE2019 attendees are welcome to join the plenary sessions free of charge. (OPIC/OPIE badges required)

## POSTER SESSIONS

In addition to the oral presentation at each conference, poster sessions will be held within the OPIE2019 exhibition area.

**Official language:** English

## REGISTRATION FEES

	On/Before 8 April 2019	After 9 April 2019
<b>Member*</b>	JPY 55,000	JPY 60,000
<b>Student, Retiree</b> (Member)	JPY 18,000	JPY 21,000
<b>Non-Member</b>	JPY 65,000	JPY 70,000
<b>Student, Retiree</b> (Non-member)	JPY 21,000	JPY 23,000

\* Member of specialized International Conference Organizations

## LOCATION OF CONGRESS SITE

OPIC2019 takes place at Pacifico Yokohama, Yokohama city, Kanagawa prefecture, JAPAN.

**Address:** 1-1-1 Minato Mirai,  
Nishi-ku, Yokohama 220-0012  
Japan  
<http://e.pacifico.co.jp>

**From Narita Airport:** 120 minutes by car/bus  
100 minutes by train.

**From Haneda Airport:** 20 minutes by car  
40 minutes by bus  
30 minutes by train



## OPIC2019 Congress Management

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