

OPTICS & PHOTONICS International Congress

 **OPIC 2022**

Co-located with OPIE '22



<https://opicon.jp/>

Organized by
OPTICS & PHOTONICS International Council

Specialized International Conference Organized by

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

In cooperation with

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

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 / Japan Tourism Agency / KEIDANREN (Japan Business Federation) / Japan Science & Technology Agency

Date: 18 – 22 April, 2022

Venue: Pacifico Yokohama, Kanagawa, Japan

Deadline for paper submissions; 4 February 2022

Meeting Schedule

Monday, 18 April	Specialized international conferences
Tuesday, 19 April	Specialized international conferences
Wednesday, 20 April	Plenary Sessions, Specialized international conferences, Poster Sessions
Thursday, 21 April	Specialized international conferences, Poster Sessions
Friday, 22 April	Specialized international conferences

Plenary Sessions

Wednesday, 20 April, 9:00-12:00 <Room 501+502>



Tammy MA

Lawrence Livermore National Laboratory, U.S.A.

“On the Threshold of Laser Fusion Ignition: Recent Breakthroughs at the U.S. National Ignition Facility and the Pathway to Inertial Fusion Energy”



Wentao WANG

State Key Laboratory of High Field Laser Physics and CAS Center for Excellence in Ultra-intense Laser Science, Shanghai Institute of Optics and Fine Mechanics (SIOM), Chinese Academy of Sciences (CAS), Shanghai, China

“Free-electron lasing at 27 nm based on a laser wakefield accelerator at SIOM”



Irina SOROKINA

Norwegian University of Science and Technology – NTNU

“Next generation mid-infrared lasers: a route towards sub-wavelength 3D-manufacturing”

Conference & Sponsors

■ ALPS 2022

The 11th Advanced Lasers and Photon Sources

Sponsored by The Laser Society of Japan

Conference Chair: **Hitoki Yoneda**, The University of Electro-Communications

Ruxin Li, Shanghai Institute of Optics and Fine Mechanics



■ HEDS 2022

International Conference on High Energy Density Science 2022

Sponsored by Laser Lab., Osaka University

Conference Chairs: **Ryosuke Kodama**, Osaka University

Keisuke Shigemori, Osaka University



■ ICNN 2022

International Conference on Nano-photonics and Nano-optoelectronics 2022

Sponsored by Institute for Nano Quantum Information Electronics, The University of Tokyo

Conference Chair: **Yasuhiko Arakawa**, The University of Tokyo



■ IP 2022

Information Photonics 2022

Sponsored by The Optical Society of Japan

Conference Chair: **Yoshio Hayasaki**, Utsunomiya University



■ LDC 2022

Laser Display and Lighting Conference 2022

Sponsored by The Optical Society of Japan

Conference Chairs: **Kazuo Kuroda**, Utsunomiya University

Hiroshi Murata, Mie University

Fergal Shevlin, DYOPTYKA, Ireland



■ LEDIA 2022

The 9th 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 2022

The 8th Tiny Integrated Laser and Laser Ignition Conference

Sponsored by Institute for Molecular Science, Division of Research Innovation and Collaboration

Conference Chair: **Takunori Taira**, Institute for Molecular Science



■ LSC 2022

Conference on Laser and Synchrotron Radiation Combination Experiment 2022

Sponsored by Institute of Laser Engineering, Osaka University

Conference Chair: **Hiroki Wadati**, University of Hyogo



■ LSSE2022

Laser Solution for Space and the Earth 2022

Sponsored by The Executive Committee of Laser Solution for Space and the Earth

Conference Chair: **Toshikazu Ebisuzaki**, RIKEN



■ OMC 2022

The 9th Optical Manipulation and Measurement

Sponsored and organized by SPIE-The International Society for Optics and Photonics

Conference Chairs: **Takashige Omatsu**, Chiba University

Kishan Dholakia, University of St. Andrews, UK



■ OPTM 2022

Optical Technology and Measurement for Industrial Applications Conference 2022

Sponsored by SPIE-The International Society for Optics and Photonics

Ultra Precision, The Japan Society for Precision Engineering

Conference Chairs: **Takeshi Hatsuzawa**, Tokyo Institute of Technology

Rainer Tutsch, Technische Univ. Braunschweig, Germany

Toru Yoshizawa, NPO 3D Associates, Japan



■ OWPT 2022

Optical Wireless and Fiber Power Transmission Conference 2022

Sponsored by Optical Wireless Power Transmission Committee, The Laser Society of Japan

Conference Chairs: **Tomoyuki Miyamoto**, Tokyo Institute of Technology

Takeo Maruyama, Kanazawa University



■ SI-Through 2022

Sensing and Imaging through Scattering and Fluctuating Field in Biology, Telecommunication, and Astronomy

Conference Chairs: **Osamu Matoba**, Kobe University

Sylvain Gigan, Sorbonne Université, France



■ SLPC 2022

The 5th Smart Laser Processing Conference

Sponsored by Japan Laser Processing Society

Conference Chair: **Masahiro Tsukamoto**, Osaka University



■ XOPT 2022

International Conference on X-ray Optics and Applications 2022

Sponsored by RIKEN SPring-8 Center

Research Center for Ultra-Precision Science & Technology, Osaka University

The Japan Society for Precision Engineering, Ultra Precision

Conference Chairs: **Tetsuya Ishikawa**, RIKEN

Kazuto Yamauchi, Osaka University



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Submission Date

Paper Deadline: 4 February, 2022

For details, see the call for papers of each conference.

<http://opicon.jp/>

PLENARY SESSION

OPIC2022's plenary session is scheduled on its third day, Wednesday, 20 April, 2022.

This plenary session will feature industry leaders from the optics and photonics community. OPIE2022 attendees are welcome to join the plenary session free of charge. (OPIC/OPIE badges required)

POSTER SESSION

In addition to the oral presentation at each conference, poster sessions will be held within the OPIE2022 exhibition area.

Official language: English

REGISTRATION FEES

Registration Type		On/Before 7 April 2022	After 8 April 2022
Member*	General	JPY 50,000	JPY 55,000
	Student	JPY 13,000	JPY 16,000
Non-Member	General	JPY 60,000	JPY 65,000
	Student	JPY 16,000	JPY 18,000
Remote (online) Non-Author Student		JPY 2,000	JPY 2,000

* Member of specialized International Conference Organizations

LOCATIONS OF CONGRESS SITE

OPIC2022 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: 90 minutes by bus
100 minutes by train.

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



OPIC2022 Congress Management

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