

The 84th  
**JSAP  
Autumn  
Meeting 2023**

Dates: September 19(Tue.) – 23(Sat.), 2023  
Venue: Kumamoto-jo Hall and other surrounding  
facilities (Kumamoto, Kumamoto)



Let's Go to  
**KUMAMOTO!**



# JSAP-Optica Joint Symposia 2023 Call for Papers

Submit your abstract by  
**June 20, 2023 (5:00pm, JST)**

<https://meeting.jsap.or.jp/english/jsap-optica-joint-symposia>

## DATES

September 19(Tue.) - 23(Sat.), 2023

## LOCATION

Kumamoto-Jo Hall and three other surrounding venues  
(Kumamoto) & Online \*will be held as a hybrid meeting

See [the official website](#) for more details.



The Japan Society of Applied Physics

**OPTICA**

Advancing Optics and Photonics Worldwide

**Papers are solicited in the following areas.**

Session	Topics
<b>Plasmonics and Nanophotonics</b>	Enhanced spectroscopies Plasmonic nanospectroscopy and nanoimaging Plasmonic structures: design and fabrication Plasmonic devices, circuits and waveguides Metamaterials and metasurfaces Nanobio spectroscopy, microscopy, and imaging Biosensors Bionanophotonics
<b>Photonics Devices, Photonic Integrated Circuit and Silicon Photonics</b>	Semiconductor active and passive devices Photonic integrated circuit Silicon photonics Planer lightwave circuit Optical fibers Applications using photonic devices
<b>Lasers and laser materials processing</b>	Lasers, laser materials, technologies, applications Ultrashort-pulse generation, characterization, technology, applications, frequency comb Ultrafast, high-field phenomena Application of laser to material processing and manipulation Material modification by strong light fields Material synthesis and device fabrication using laser
<b>Information Photonics</b>	Digital holography, computer-generated holography, holographic memory, phase imaging Three-dimensional imaging and sensing Computational imaging, single-pixel imaging Three-dimensional display, aerial display Multispectral imaging, polarimetric imaging Adaptive optics, imaging through scattering media Machine learning, deep learning, artificial intelligence Photonics in computing and switching
<b>Nanocarbon and 2D Materials</b>	Carbon nanotubes Graphene 2D materials Van der Waals heterostructures Optical properties Transport properties Growth Photonics and electronics
<b>Terahertz Photonics</b>	THz generation and detection THz optical elements (waveguides, metamaterials, photonic crystals) THz systems (spectroscopy, imaging, sensing) THz chemistry & biology THz application (communication, non-destructive testing and so on) Terahertz science Terahertz materials Terahertz physics Others
<b>Quantum Optics and Nonlinear Optics</b>	Quantum information and processing Quantum communication Quantum metrology Quantum devices Quantum matter Nonlinear frequency conversion Nonlinear optical phenomena and multiphoton processes Ultrafast nonlinear optics Nonlinear fiber optics Nonlinear optical materials

## Notes

All presentations in the joint symposia must be in English.

All the speakers must be a member of either JSAP, Optica or JSAP's partner societies\*.

\*JSAP's partner societies; American Physical Society (APS), European Optical Society (EOS), European Physical Society (EPS), Institute of Physics (IOP), JIEP(Japan Institute of Electronics Packaging), Korean Physical Society (KPS), OPTICA (formerly OSA), Optical Society of Japan (OSJ), Optical Society of Korea (OSK), Physics Education Society of Japan (PESJ), Physical Society of Republic of China (PSROC), International Society for Optical Engineering (SPIE), Physics Society of the Philippines (SPP) and Taiwan Photonics Society (TPS)

## Travel Award

Student speakers from abroad are invited to apply for travel awards.

The purpose of the awards is to encourage greater participation from abroad and to make our symposia diverse and vibrant. The awardees will be selected by the meeting chairs. The quality of the abstract will be one of the criteria to evaluate the application.

Travel awards will be distributed as reimbursements upon submission of receipts.

Apply for the award at: <https://pro.form-mailer.jp/fms/253079d7282119>

Application Deadline: June 23 (Fri.), 2023

## Registration Fees

Category	Early	Late
Non-student (Member/Partner Societies*)	12,000 JPY	18,000 JPY
Non-Member	23,000 JPY	30,000 JPY
JSAP Senior Member**	4,000 JPY	7,000 JPY
Student (Speaker /Onsite Participant)	3,000 JPY	5,000 JPY
Student (Non-speaker Online Participant)***	0 JPY	-

\*JSAP's partner societies; American Physical Society (APS), European Optical Society (EOS), European Physical Society (EPS), Institute of Physics (IOP), JIEP(Japan Institute of Electronics Packaging), Korean Physical Society (KPS), OPTICA (formerly OSA), Optical Society of Japan (OSJ), Optical Society of Korea (OSK), Physics Education Society of Japan (PESJ), Physical Society of Republic of China (PSROC), International Society for Optical Engineering (SPIE), Physics Society of the Philippines (SPP), and Taiwan Photonics Society (TPS)

\*\*JSAP members of over 60 years age without a regular job. Need application to become Senior Member.

\*\*\*Students who will be attending without presenting are waived from the registration fee. Must be registered during early bird registration period.

Register at: <https://meeting.jsap.or.jp/english/registration>

## Contacts

JSAP-Optica Joint Symposia Secretariat, The Japan Society of Applied Physics

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## Program Committee

\*in alphabetical order

- Junichiro Kono Program Chair (OPTICA), Rice University, USA
- Takashige Omatsu Program Chair (JSAP), Chiba University, Japan
- Takuo Tanaka Program Chair (JSAP), RIKEN, Japan
- Prabhat Verma Program Chair (JSAP), Osaka University, Japan

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- Naoko Inoue Sumitomo Electric Industries, Ltd., Japan
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- Yuichiro Kato RIKEN, Japan
- Ryo Kitaura National Institute for Materials Science, Japan
- Toshihiko Kiwa Okayama University, Japan
- Keisuke Kondo Utsunomiya University, Japan
- Sunao Kurimura National Institute for Materials Science, Japan
- Kazunari Matsuda Kyoto Univ., Japan
- Yuhei Miyauchi Kyoto Univ., Japan
- Sze Yun Set The University of Tokyo, Japan
- Nicholas I Smith Osaka University, Japan
- Hiroyuki Suzuki Gunma University, Japan
- Hirotsugu Yamamoto Utsunomiya University, Japan

### <From Optica>

- C. T. Chan Hong Kong University of Science & Technology, China
- Jiyeon Choi Korea Institute of Machinery & Materials, Korea
- Min Gu University of Shanghai for Science and Technology, China
- Ray-Hua Horng National Chiao Tung University, Taiwan
- Zhiwei Huang National University of Singapore, Singapore
- Fu-Jen Kao National Yang-Ming University, Taiwan
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