

 The 83rd

# JSAP Autumn Meeting 2022

September 20 (Tue.) - 23 (Fri.), 2022

Kawauchi-Kita Campus, Tohoku University & Online

# JSAP-Optica Joint Symposia 2022 Call for Papers

Submit your abstract by

**June 21, 2022 (5:00pm, JST)**

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

## DATES

September 20(Tue.)-23(Fri.), 2022

## LOCATION

Kawauchi-Kita Campus, Tohoku University (Sendai) & Online

\*will be held as a hybrid meeting.

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

**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 Nanobio spectroscopy, microscopy, and imaging Biosensors
<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, and holographic memory Three-dimensional imaging and display Computational imaging, single-pixel imaging Three-dimensional display, aerial display Multispectral imaging, polarimetric imaging Adaptive optics Machine learning Photonics in computing and switching
<b>Nanocarbon and 2D Materials</b>	Carbon nanotubes 2D semiconductors Graphene Van der Waals heterostructures Optical properties Growth of nanocarbons Growth of 2D materials Transport properties Nanocarbon photonics 2D materials photonics
<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) 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), 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/c401135c191375>

**Application Deadline: June 22 (Wed.), 2022**

## 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 (Online Participant)***	0 JPY	-

\*JSAP's partner societies; American Physical Society (APS), European Optical Society (EOS), European Physical Society (EPS), Institute of Physics (IOP), 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

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