

# The 82nd JSAP Autumn Meeting 2021

Oral Sessions: September 10(Fri.)~13(Mon.), 2021

Poster Sessions: September 21(Tue.)~23(Thu.); 2021

HYBRID MEETING (Meijo University & Online)

# JSAP-OSA Joint Symposia 2021

## Call for Papers

Submit your abstract by

**June 22, 2021 (5:00pm, JST)**

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

### DATES

Oral Sessions: September 10(Fri.)-13(Mon.), 2021

Poster Sessions: September 21(Tue.)-23(Thu.), 2021

### LOCATION

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

## Notes

All presentations in the joint symposia must be in English.

All the speakers must be a member of either JSAP, OSA 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), Optical Society (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)

## Registration Fees

| Category                                    | Early      | Late       |
|---|------------|------------|
| JSAP Regular Member/OSA Member              | 12,000 JPY | 18,000 JPY |
| Student (Speaker –Member/Partner Societies) | 3,000 JPY  | 5,000 JPY  |
| JSAP Senior Member*                         | 4,000 JPY  | 7,000 JPY  |
| Member of JSAP's Partner Societies**        | 12,000 JPY | 18,000 JPY |
| Non-Member                                  | 23,000 JPY | 30,000 JPY |

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

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

**Register at:**

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