

The 79th

JSAP

Autumn Meeting
2018

Date September 18(Tue.) - 21(Fri.)

Venu Nagoya Congress Center

JSAP-OSA Joint Symposia 2018

Call for Papers

Submit your abstract by

June 26, 2018 (5:00pm, JST)

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

DATES

September 18(Tue.)-21(Fri.), 2018

LOCATION

Nagoya Congress Center, Nagoya, Aichi, Japan

(1-1 Atsuta-nishimachi, Atsuta-ku, Nagoya 456-0036 Japan)

Papers are solicited in the following areas.

Session	Topics
Plasmonics and Nanophotonics	Enhanced spectroscopies Plasmonic nanospectroscopy and nanoimaging Plasmonic antennas: design and fabrication Plasmonic devices, circuits and waveguides Metamaterials Nanobio spectroscopy, microscopy, and imaging Biosensors
Photonics Devices, Photonic Integrated Circuit and Silicon Photonics	Semiconductor active and passive devices Photonic integrated circuit Silicon photonics Planer lightwave circuit Optical fibers Applications using photonic devices
Ultrafast Optics and Photonics	Ultrashort-pulse generation, characterization Ultrashort-pulse laser technology and applications, frequency comb High-power laser systems, High-field phenomena, Ultrafast phenomena
Information Photonics	Holography Three-dimensional imaging and display Computational imaging and display Aerial display Multispectral imaging Polarimetric imaging Adaptive optics
Nanocarbon and 2D Materials	Carbon nanotube Graphene Transition metal dichalcogenide 2D materials Photonics Optoelectronics Optical properties
Terahertz Photonics	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
Laser Material Processing and Manipulation	Nano-microfabrication using laser Material modification by strong light fields Synthesis of novel materials using laser Bio and medical applications Device fabrication by laser processing spatial light modulation in laser processing
Quantum Optics and Nonlinear Optics	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

Invited Speakers

Special Lecture

Donna Strickland, University of Waterloo, Canada

Plasmonics and Nanophotonics

- Kuo-Ping Chen, National Chiao-Tung University, Taiwan
- Xiao Hu, NIMS, Japan
- Chia-Lung Hsieh, Academia Sinica, Taiwan
- Katsuyoshi Ikeda, Nagoya Institute of Technology, Japan
- Hiroshi Kano, Muroran Institute of Technology, Hokkaido, Japan
- Takuya Satoh, Kyushu University, Japan
- Jinghua Teng, A-Star, Singapore
- Kosei Ueno, Hokkaido University, Japan

Photonics Devices, Photonic Integrated Circuit and Silicon Photonics

- Jinkwan Kwoen, The University of Tokyo, Japan
- Masaya Notomi, NTT-BRL, Japan
- Jong-In Shim, Hanyang University, Korea

Ultrafast Optics and Photonics

- Takao Fuji, Institute for Molecular Science (IMS), Japan
- Jungwon Kim, KAIST, Korea
- Yoshitomo Okawachi, Columbia University, USA

Information Photonics

- Kedar Khare, IIT Delhi, India
- Kenji Mase, Nagoya University, Japan
- Keita Takahashi, Nagoya University, Japan

Nanocarbon and 2D Materials

- Goki Eda, National University of Singapore, Japan
- Toshiaki Kato, Tohoku University, Japan
- Sunmin Ryu, Pohang University of Science and Technology (POSTECH), Korea
- Taishi Takenobu, Nagoya University, Japan

Terahertz Photonics

- Masaya Nagai, Osaka University, Japan
- Tsuneyuki Ozaki, INRS, Canada
- Saroj Tripathi, Shizuoka University, Japan
- Vincent Wallace, The University of Western Australia, Australia

Laser Material Processing and Manipulation

- Jiyeon Choi, Korea Institute of Machinery & Materials, Korea
- Yohei Kobayashi, The University of Tokyo, Japan
- Andrey G. Okhrimchuk, Mendeleev University of Chemical Technology of Russia, Russia
- Ken-ichi Saitow, Hiroshima University, Japan

Quantum Optics and Nonlinear Optics

- Sile Nic Chormaic, Okinawa Institute of Science and Technology Graduate University (OIST), Japan
- Norihiko Nishizawa, Nagoya University, Japan
- Patricia Segonds, Néel Institute - CNRS, France

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 of Korea (OSK), Physics Education Society of Japan (PESJ), Physical Society of Republic of China (PSROC), French Physical Society (SFP), International Society for Optical Engineering (SPIE) 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 program committee.

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

Please apply from online.

<https://pro.form-mailer.jp/fms/af122dec143344>

Application Deadline: June 26 (Tue.), 2018

Registration Fees

Category	Advance	Onsite
JSAP Regular Member/OSA Member	12,000 JPY	18,000 JPY
Student (Member/Non-member)	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 of Korea (OSK), Physics Education Society of Japan (PESJ), Physical Society of Republic of China (PSROC), French Physical Society (SFP), International Society for Optical Engineering (SPIE) and Taiwan Photonics Society (TPS)

Register at:

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

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*in alphabetical order

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- Nicholas I Smith Osaka University, Japan
- Mitsuhiro Terakawa Keio University, Japan
- Hirotsugu Yamamoto Utsunomiya University, Japan

<From OSA>

- C. T. Chan The Hong Kong University of Science & Technology, Hong Kong
- Min Gu RMIT University, Australia
- Fu-Jen Kao National Yang-Ming University, Taiwan
- Yuri S. Kivshar Australian National University, Australia
- ByoungHo Lee Seoul National University, South Korea
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JSAP-OSA Joint Symposia Secretariat, The Japan Society of Applied Physics
Email: joint_osa@jsap.or.jp TEL: +81-3-3828-7724