

The 78th
JSAP Autumn Meeting
2017

Dates September 5 (Tue.) - 8 (Fri.), 2017

Venue Fukuoka International Congress Center

THE JAPAN SOCIETY OF APPLIED PHYSICS



JSAP-OSA Joint Symposia 2017

Call for Papers

Submit your abstract by

June 27, 2017 (5:00pm, JST)

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

DATES

September 5(Tue.)-8(Fri.), 2017

LOCATION

Fukuoka International Congress Center, Fukuoka, Japan

(2-1 Sekijo-machi, Hakata-ku, Fukuoka City, Fukuoka 812-0032 Japan)

Papers are solicited in the following areas.

Session	Topics
Plasmonics	Enhanced spectroscopies Plasmonic nanospectroscopy and nanoimaging Plasmonic antennas: design and fabrication Plasmonic devices, circuits and waveguides Metamaterials
Bio- and Medical Photonics	Biomedical spectroscopy, microscopy, and imaging Clinical technologies and systems Cell manipulation Light tissue interaction Biosensors
Nano- and Micro-Photonics	Novel optical phenomena in nano- and micro-structured materials and devices Sensing, manipulation, and fabrications of nano- and micro-structures Nano- and micro-particles Metamaterials, metasurfaces, nanomaterials, subwavelength structures Optical near field, evanescent wave
Opto-electronics	Semiconductor laser, LED, Semiconductor optical amplifier Photodiode, Photoconductor, Imaging, Sensing Silicon photonics, Optical interconnection, Waveguide, Passive device, Optical switch, Modulator Optical fiber
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
Strong Light Excitation Phenomena Applied to Materials and Bio Engineering	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
Quantum Optics	Quantum information and processing Quantum communication Quantum metrology Quantum devices Quantum matter

Invited Speakers

OSA Vice President Special Lecture

Ursula Gibson, Norwegian University of Science and Technology, Norway

Plasmonics

- Yoshimasa Kawata, Shizuoka University, Japan
- Wakana Kubo, Tokyo University of Agriculture and Technology, Japan
- Dangyuan Lei, The Hong Kong Polytechnic University, China
- Hiromi Okamoto, Institute for Molecular Science, Japan
- Siva Umapathy, Indian Institute of Sciences, Bangalore, India

Bio- and Medical Photonics

- Takashi Katagiri, Tohoku University, Japan
- Tzu-Ming Liu, University of Macau, Macau

Nano- and Micro-Photonics

- Kentaro Iwami, Tokyo Univ. of Agriculture and Technology, Japan
- Takuo Tanaka, RIKEN, Japan

Opto-electronics

- Tao Chu, Chinese Academy of Sciences, China
- Tomohiro Kita, Tohoku University, Japan
- Yong-Hee Lee, Korea Advanced Institute of Science and Technology, Korea
- Nobuhiko Nishiyama, Tokyo Institute of Technology, Japan

Information Photonics

- Toshiyuki Amano, Wakayama University, Japan
- Wei-Feng Hsu, National Taipei University of Technology, Taiwan
- Pakorn Kanchanawong, National University of Singapore, Singapore
- Shin Usuki, Shizuoka University, Japan

Nanocarbon and 2D Materials

- Seunghyun Baik, Sungkyunkwan University, Korea
- Yuichiro Kato, RIKEN, Japan
- Kaihui Liu, Peking University, China
- Shigeo Maruyama, The Univ. of Tokyo, Japan

Terahertz Photonics

- Tae-In Jeon, Korea Maritime and Ocean University, Korea
- Junichiro Kono, Rice University, USA
- Tadao Nagatsuma, Osaka University, Japan
- Fabian Rotermund, Korea Advanced Institute of Science and Technology, Korea

Strong Light Excitation Phenomena Applied to Materials and Bio Engineering

- Koji Hatanaka, Academia Sinica, Taiwan
- Takashi Katagiri, Kyoto University, Japan
- Koji Sugioka, RIKEN, Japan
- Shifeng Zhou, South China Univ. of Technology, China

Quantum Optics

- David S. Hall, Amherst College, USA
- Hideo Mabuchi, Stanford University, USA
- Masataka Nakazawa, Tohoku University, Japan
- Hiroki Takesue, NTT Basic Research Lab., Japan

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/73a2a62c120658>

Application Deadline: June 27 (Tue.), 2017

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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- Junichiro Kono Program Chair (OSA), Rice University, USA

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- Yuji Matsuura Tohoku University, Japan
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- Takashige Omatsu Chiba University, Japan
- Masaaki Sakakura Kyoto University, Japan
- Tsutomu Shimura The University of Tokyo, Japan
- Nicholas I Smith Osaka University, Japan
- Hirotsugu Yamamoto Utsunomiya University, Japan

<From OSA>

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- Huang Zhiwei National University of Singapore, Singapore

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