

JSAP-OSA Joint Symposia 2014

Call for Papers



DATES: September 17(Wed.)-20(Sat.), 2014

VENUE: Sapporo Campus, Hokkaido University, Hokkaido, Japan
(Kita 8, Nishi 5, Kita-ku, Sapporo, Hokkaido 060-0808)

JSAP is organizing the 3rd joint symposia with the Optical Society of America (OSA) in the 75th JSAP Autumn Meeting 2014.

Papers are solicited in the following areas.

Symposium Title	Topics
Plasmonics	Surface-enhanced spectroscopy Plasmonic nanoimaging Plasmonic antennas: design and fabrication Plasmonic circuits and waveguides Metamaterials
Bio- and Medical Photonics	Biomedical spectroscopy, microscopy, and imaging Clinical technologies and systems Cell manipulation Light tissue interaction Biosensors
Laser Manufacturing	Laser additive manufacturing Laser deposition Laser cutting Laser joining Laser for industrial use
Optical Micro-sensing, Manipulation and Fabrications	Optical tweezers Optical fiber sensing Biomedical sensing Sensing of microparticles Manipulation of micro-particles Sub-wavelength structures Micro-fabrication with optical vortices Micro-fabrications with nano-particles Surface relief grating Micro fabrications with fs and ps laser pulses Interferometric micro fabrications Optical materials with nano particles
Opto-electronics	Semiconductor laser and light emitter, photodetector Si photonics, photonic crystal, Optical modulator, optical switch, waveguide devices, and MEMS Dielectric/ferroelectric materials and devices, III-V material and devices, IV material and devices
Information Photonics	Digital / computer generated holography Three-dimensional imaging and display Computational imaging and display Multispectral imaging Polarimetric imaging

Laser Photonics —XFEL and ultrafast optics—	Ultrafast laser & phenomena High-intensity laser physics Attosecond science New sources and applications of coherent ultrafast X-rays
Carbon Photonics	Carbon nanotube Graphene Atomically-thin layered materials Plasmonics Optical devices

All papers must be submitted via online submission system.

Online submission system is available on the conference website below.

<http://meeting.jsap.or.jp/eng/jsap-osa.html>

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)

IMPORTANT DATES:

Submission Deadline: June 12, 2014 5:00 pm, JST (**No late submission is accepted**)

Author Notification: The presenting author will be notified the date and time of their presentation by email in early July.

Online Registration Deadline: August 25, 2014 (On-site registration is also available at the venue.)

REGISTRATION FEES:

Category	Advance	Onsite
JSAP Regular Member/OSA Member	8,000 JPY	12,000 JPY
Student (Member/Non-member)	3,000 JPY	5,000 JPY
Member of JSAP's Partner Societies*	8,000 JPY	12,000 JPY
Non-member	15,000 JPY	20,000 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), 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 AWARDS:

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.

<Application>

Please fill out the Travel Award application form on the conference website and send to the JSAP-OSA Joint Symposia 2014 Secretariat (joint_osa@jsap.or.jp).

INVITED SPEAKERS (tentative):

➤ **Plasmonics**

- Zheyu Fang, Peking University, China
- Katsuyoshi Ikeda, Hokkaido University, Japan
- Kohei Imura, Waseda University, Japan
- Junichi Takahara, Osaka University, Japan
- Din Ping Tsai, National Taiwan University, Taiwan

➤ **Bio- and Medical Photonics**

- Arthur Chiou, National Yang-Ming University, Taiwan
- Vincent Daria, The Australian National University, Australia
- Kiyoshi Oka, Japan Atomic Energy Agency, Japan

➤ **Laser Manufacturing**

- Bastian Becker, Trumpf Corporation, Japan
- Jeff Franks, Laserline K.K., Japan
- Akira Fujisaki, Frukawa Electric Co., Ltd., Japan
- Masayuki Fujita, Institute for Laser Technology, Japan

➤ **Optical Micro-sensing, Manipulation, and Fabrications**

- Jesper Glückstad, Technical University of Denmark, Denmark
- Guoguo Kang, Beijing Institute of Technology, China
- Takashige Omatsu, Chiba University, Japan
- Yong Keun Park, KAIST, South Korea
- Keiji Sasaki, Hokkaido University, Japan

➤ **Opto-electronics**

- Kaiyu Cui, Tsinghua University, China
- Fumio Koyama, Tokyo Institute of Technology, Japan
- Dong-Seon Lee, Gwangju Institute of Science and Technology, South Korea
- Shin Yokoyama, Hiroshima University, Japan

➤ **Information Photonics**

- Qionghai Dai, Tsinghua University, China
- Hideaki Kato, University of Tsukuba, Japan
- Fang-Cheng Lin, National Chiao Tung University, Taiwan
- Imari Sato, National Institute of Informatics, Japan

➤ **Laser Photonics—XFEL and ultrafast optics—**

- Philip Bucksbaum, Stanford University, USA <OSA President>
- Toru Hara, RIKEN, Japan
- Andy Kung, National Tsing Hua University, Taiwan
- Oliver D. Muecke, DESY Center for Free-Electron Laser Science, Germany
- Kenji Ohmori, Institute for Molecular Science, Japan
- Kenji Tamasaku, RIKEN, Japan

➤ **Carbon Photonics**

- Goki Eda, National University of Singapore, Singapore
- Yuichiro Kato, The University of Tokyo, Japan
- Junichiro Kono, Rice University, USA
- Takaaki Yano, Tokyo Institute of Technology, Japan

PROGRAM COMMITTEE:

- Prabhat Verma Program Chair (JSAP), Osaka University, Japan
- Junichiro Kono Program Chair (OSA), Rice University, USA

<From JSAP>

- Katsumasa Fujita Osaka University, Japan
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- Yuji Oki Kyushu University, Japan
- Kazuhiko Shimomura Sophia University, Japan
- Tsutomu Shimura The University of Tokyo, Japan
- Masahiro Tsukamoto Osaka University, Japan
- Oliver B. Wright Hokkaido University, Japan

<From OSA>

- C. T. Chan The Hong Kong University of Science & Technology, Hong Kong
- Ming Gu Swinburne University, Australia
- Fu-Jen Kao National Yang-Ming University, Taiwan
- Yuri S. Kivshar Australian National University, Australia
- Byoung-ho Lee Seoul National University, South Korea
- Seung-Han Park Yonsei University, South Korea
- Bishnu P. Pal Indian Institute of Technology Delhi, India
- Caesar Saloma University of the Philippines, Philippines
- Chi-Kuang Sun National Taiwan University, Taiwan
- Din Ping Tsai National Taiwan University, Taiwan
- Huang Zhiwei National University of Singapore, Singapore
- Xing Zhu Peking University, China

CONTACTS:

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