

The  
77th

# JSAP Autumn Meeting, 2016

第77回 応用物理学会秋季学術講演会

September 13(tue.)~16(fri.), @TOKI MESSE (Niigata City)



# JSAP-OSA Joint Symposia 2016

## Call for Papers

Submit your abstract by

**June 28, 2016 (5:00pm, JST)**

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

(Submission will open in mid May.)

### DATES

September 13(Tue.)-16(Fri.), 2016

### LOCATION

TOKI MESSE Niigata Convention Center, Niigata, Japan

(6-1 Bandaijima, Chuo-ku, Niigata City, Niigata 950-0078 Japan)



The Japan Society of Applied Physics



The Optical Society

## Papers are solicited in the following areas.

Session	Topics
<b>Plasmonics</b>	Enhanced spectroscopies Plasmonic nanospectroscopy and nanoimaging Plasmonic antennas: design and fabrication Plasmonic devices, circuits and waveguides Metamaterials
<b>Bio- and Medical Photonics</b>	Biomedical spectroscopy, microscopy, and imaging Clinical technologies and systems Cell manipulation Light tissue interaction Biosensors
<b>Optical Micro-sensing, Manipulation and Fabrications</b>	Biomedical, micro-particles sensing Optical tweezers Manipulation of micro-particles and micro-object Micro-fabrication with optical vortices, nano-particles, fs and ps laser pulses, interference Surface relief grating Optical materials with nano particles, sub-wavelength structures
<b>Opto-electronics</b>	Semiconductor laser, LED, Semiconductor optical amplifier Photodiode, Photoconductor, Imaging, Sensing Silicon photonics, Optical interconnection, Waveguide, Passive device, Optical switch, modulator Optical fiber
<b>Information Photonics</b>	Holography Three-dimensional imaging and display Computational imaging and display Multispectral imaging Polarimetric imaging Adaptive optics
<b>Nanocarbon and 2D Materials</b>	Carbon nanotube Graphene Transition metal dichalcogenide 2D materials Photonics Optoelectronics Optical properties
<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>Strong Light Excitation Phenomena Applied to Materials and Bio Engineering</b>	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

## Invited Speakers

### OSA Vice President Special Lecture

Ian Walmsley, University of Oxford, UK

### Plasmonics

- Qihuang Gong, Peking University, China
- Atsushi Ishikawa, Okayama University, Japan
- Yoshiaki Kanamori, Tohoku University, Japan
- Jwa-Min Nam, Seoul National University, South Korea
- Keiji Sasaki, Hokkaido University, Japan
- Tetsu Tatsuma, The University of Tokyo, Japan

### Bio- and Medical Photonics

- Huan-Cheng Chang, Academia Sinica, Taiwan
- Nanguang Chen, National University of Singapore, Singapore
- Shinichi Hayashi, Olympus Corporation, Japan
- Mako Kamiya, The University of Tokyo, Japan

### Optical Micro-sensing, Manipulation and Fabrications

- Bill Choi, nanoLambda, South Korea
- Xiangping Li, Jinan University, China
- Toshiharu Saiki, Keio University, Japan
- Atsushi Taguchi, Osaka University, Japan
- Satoru Takahashi, The University of Tokyo, Japan

### Opto-electronics

- Toshihiko Baba, Yokohama National University, Japan
- Jie Bao, Tsinghua University, China
- Jin-Wei Shi, National Central University, Taiwan
- Mitsuru Takenaka, The University of Tokyo, Japan

### Information Photonics

- Nathan Hagen, Utsunomiya University, Japan
- Yuan Luo, National Taiwan University, Taiwan
- Yosuke Tamada, National Institute for Basic Biology, Japan
- Daisuke Iwai, Osaka University, Japan

### Nanocarbon and 2D Materials

- Junichiro Kono, Rice University, USA
- Kazu Suenaga, AIST, Japan
- Kazuhiro Yanagi, Tokyo Metropolitan University, Japan
- Heejun Yang, Sungkyunkwan University, South Korea

### Terahertz Photonics

- Hiromichi Hoshina, RIKEN, Japan
- Seung Jae Oh, Yonsei University, South Korea
- Ranjan Singh, Nanyang Technological University, Singapore
- Takeshi Yasui, Tokushima University, Japan

### Strong Light Excitation Phenomena Applied to Materials and Bio Engineering

- Toney Teddy Fernandez, Politecnico di Milano, Italy
- Nozomi Nishimura, Cornell University, USA
- Yasuhiko Shimotsuma, Kyoto University, Japan
- Mitsuhiro Terakawa, Keio University, 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.

### <Application>

Please fill out the Travel Award application form on the conference website and send to the JSAP-OSA Joint Symposia Secretariat ([joint\\_osa@jsap.or.jp](mailto:joint_osa@jsap.or.jp)).

## 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:

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

(Online pre-registration will open in mid May.)

## Program Committee

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

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- Kazuhiko Shimomura Sophia University, Japan
- Tsutomu Shimura The University of Tokyo, Japan
- Hirotsugu Yamamoto Utsunomiya University, Japan

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## Contacts

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