

FIRST CALL FOR PAPERS

11th International Conference on Optics-photonics

Design & Fabrication



“ODF '18, Hiroshima”
November 28th-30th, 2018



International Conference Center Hiroshima

Organized by

Optics Design Group of The Optical Society of Japan

Co-sponsored by

JSAP (The Japan Society of Applied Physics)

In cooperation with

ICO (International Commission for Optics) • COS (Chinese Optical Society) • EOS (European Optical Society) • SPIE (The International Society for Optics and Photonics) • Taiwan Photonics Society • OSA (The Optical Society) • OSK (Optical Society of Korea) • OPSS (Optics and Photonics Society of Singapore) • PIDA (Photonics Industry & Technology Development Association) • ROS (Rozhdestvensky Optical Society) • TOOMA (Taiwan Optics/Optronics Manufacturers' Association) • DGaO (German Society of Applied Optics) • The 179th Committee on Photonics Information Systems, JSPS (Japan Society for the Promotion of Science) • Applied Optics Meeting in Kansai • The Astronomical Society of Japan • The Color Science Association of Japan • IEICE (The Institute of Electronics, Information and Communication Engineers) • IEIJ (The Illuminating Engineering Institute of Japan) • IEEEJ (The Institute of Image Electronics Engineers of Japan) • JIEP (Japan Institute of Electronics Packaging) • JOEM (Japan Optomechatronics Association) • JOMA (Japan Optical Measuring Instruments Manufacturer's Association) • JPS (The Physical Society of Japan) • JSMBE (Japanese Society for Medical and Biological Engineering) • JSPE (The Japan Society for Precision Engineering) • LSJ (The Laser Society of Japan) • OITDA (Optoelectronics Industry and Technology Development Association) • The Spectroscopical Society of Japan • SPLJ (The Society of Photography and Imaging of Japan)



(Some of above cooperative organizations are under negotiation.)

INTRODUCTION

The 11th International Conference on Optics-photonics Design and Fabrication, "ODF'18, Hiroshima", will be held at International Conference Center Hiroshima, Hiroshima, Japan on November 28-30th, 2018. Optics-photonics design and fabrication will continue to play a significantly important role in the future, achieving harmony between technology and the environment and building bridges for real international cooperation worldwide. ODF'18 provides an international forum for original paper presentations and discussions of optics-photonics design and fabrication-related technological and scientific topics, including theory, design, fabrication, testing, applications and others.

SCOPE OF THE CONFERENCE

ODF'18 is an international forum for the engineers and scientists in the field of Optics-photonics Design and Fabrication to exchange their ideas and achievements with the goal of future mutual progress. The conference covers the following major topical categories;

Category 1. Optical Design / Simulation

Lens Design, Illumination Simulation, Non-imaging Optics, Lens Design Theory, Fabrication and Testing, Simulation Software, Freeform Optics

Category 2. Optical Components / Devices

Diffraction Optics and Holography, Thin Films, Fiber Optics, Integrated Optoelectronics, Optical Waveguide, Active Optical Components, Optical MEMS, Illumination Optical Components, Polarization Optics, Photonic Crystals, Lasers and Laser Optics, LEDs, Detectors

Category 3. Optical Systems

Illumination Optics, Information Optics, Optical Data Storage, Optical Lithography, Microscopy, Displays, Computational Imaging and Sensing, Automotive Optics, Bio-Medical Optics, Optofluidics, Measurement and Sensing, Cameras

Category 4. New Technologies

Nonlinear Optics, Ultrafast Optics, Metamaterials, Plasmonics, Near-field Optics, Quantum Optics, Nano Structures, Cloaking, Other Future Science and Technology available to Optics Design and Fabrication

Special Session:

“Optics and Photonics for Intelligent Vehicles”

PREPARATION OF ABSTRACTS AND MANUSCRIPTS

A limited number of original contributed papers covering unpublished work will be accepted for presentation. Authors are required to submit papers including 35-word abstracts and 2-page manuscripts in the prescribed form. The form can be downloaded from the conference website. Papers must be submitted online. Please see the ODF'18 website for details of the submission procedure. Authors are required to agree to copyright transfer by including a completed form when submitting papers.

● 35-word Abstracts

35-word abstracts in an ASCII text file are strictly required and the program committee may automatically modify the abstract that contains over 50 words. Please confirm the number of words using a word counting tool. Also, please avoid the use of scientific and engineering symbols in the abstract. If your paper is accepted, the abstract will appear in the Advanced Program.

● 2-page Manuscripts

2-page camera-ready manuscripts including text, figures, tables and references must be typed single-spaced on A4 or letter size pages with the title followed by the author's name, affiliation, and address. Accepted papers will be published in the Technical Digest of the conference. For the layout of the manuscript, please see the guidelines on the ODF'18 website (to be opened this early November).

● Abstracts & Manuscripts will be accepted: February 1st-May 31st, 2018

For inquiries, please contact:

Secretariat for ODF'18

Tsuyoshi Hayashi

Proactive Inc.

1-6-10 Nihonbashi-Ningyo cho, Chuo-ku, Tokyo
103-0013, Japan

TEL: +81-3-3669-6161 FAX: +81-3-3669-6162

E-mail: odf18@pac.ne.jp

Office hours: 9:30-18:00 (weekdays only)

Paper Submission: February 1st-May 31st, 2018 <http://www.odf.jp/>

林 剛志
株式会社 プロアクティブ
〒103-0013 東京都中央区日本橋人形町 1-6-10
ユニコム人形町ビル 4F
電話:03-3669-6161 FAX:03-3669-6162
E-mail: odf18@pac.ne.jp

The presentation schedule will be determined after the program committee has reviewed the papers. Authors will be notified by August, 2018 whether their papers have been accepted. Notification will be sent to the author listed first by e-mail or letter. Note that it will be the author's responsibility to obtain any necessary and appropriate clearances from his/her affiliated organization.

ADDITIONAL INFORMATION

● Post-Deadline Papers

Detailed information will be announced in the Final Call for Papers.

● ODF'18 Special Issue of OPTICAL REVIEW

The presented papers can be resubmitted and published in the ODF'18 special issue of OPTICAL REVIEW after peer review. It is the English-language journal of the Optical Society of Japan (OSJ). Application forms for the special issue will be presented on the website.

Collaboration and Competition make progress.

For more information please visit the website:

<http://www.odf.jp/>

Join us at *ODF'18, Hiroshima, Japan!*

EXECUTIVE COMMITTEE MEMBERS

General Chair :

M. Shibuya (Tokyo Polytech. Univ. / Japan)

Advisory Board :

Y. Arakawa (The Univ. of Tokyo / Japan)

K. Araki (Utsunomiya Univ. / Japan)

J. Braat (Delft Univ. of Technol. / Netherlands)

G. W. Forbes (QED / USA)

A. Friberg (KTH / Sweden)

D. Granciu (IOR / Romania)

S. Honkanen (East Finland Univ. / Finland)

Y. Ichioka (Osaka Univ. Prof. Emeritus / Japan)

B. Y. Kim (KAIST / Korea)

K. Kodate (Japan Women's Univ. Prof. Emeritus / Japan)

K. Kuroda (Utsunomiya Univ. / Japan)

B. Lee (Seoul National Univ. / Korea)

C. C. Lee (National Central Univ. / Taiwan)

S. Minami (ODG Advisory / Japan)

Y. Miyake (Chiba Univ. / Japan)

D. T. Moore (Univ. of Rochester / USA)

T. Ohki (Nikon / Japan)

K. Singh (IIT / India)

M. Takeda (Utsunomiya Univ. / Japan)

Y. Tanaka (Panasonic / Japan)

R. Y. Tsai (Caduceus Biotechnology Inc. / Taiwan)

T. Tsuruta (Nikon / Japan)

A. Tuennermann (Fraunhofer IOF / Germany)

W. Ulrich (Zeiss / Germany)

V. N. Vasilyev (ITMO Univ. / Russia)

D. Williamson (Nikon USA / USA)

S. Yamaguchi (Konica Minolta / Japan)

T. Yatagai (Utsunomiya Univ. / Japan)

B. Zhou (Tsinghua Univ. / China)

Organizing Committee

Chair :

S. Hiura (Hiroshima city Univ. / Japan)

Members :

K. Abe (Olympus / Japan)

Y. Awatsuji (Kyoto Inst. of Tech. / Japan)

F. Bociort (Delft Univ. Technology / Netherlands)

D. J. Brady (Duke Univ. / USA)

C. W. Chang (ITRI / Taiwan)

K. Fuechsel (Fraunhofer IOF / Germany)

K. Itoh (Osaka Univ. / Japan)

Y. L. Kolesnikov (ITMO Univ. / Russia)

T. Kurokawa (Tokyo Univ. of Agriculture & Tech. / Japan)

Y. S. Liu (National Tsing Hua Univ. / Taiwan)

R. Magnusson (Univ. Texas - Arlington / USA)

M. Mansuripur (Univ. of Arizona / USA)

K. Maruyama (Consultant / Japan)

O. Matoba (Kobe Univ. / Japan)

T. Mori (Nikon / Japan)

J. Rolland (Univ. of Rochester / USA)

M. Shiratsuchi (NuFlare Technology / Japan)

E. Simon (Varioptic / France)

S. K. Stafeev (ITMO Univ. / Russia)

J. Tanida (Osaka Univ. / Japan)

D.P.Tsai (National Taiwan Univ. / Taiwan)

H. Tsuchida (TeamOPT / Japan)

N. Tsumura (Chiba Univ. / Japan)

Y. Unno (Canon / Japan)

A. Veeraraghavan (Rice Univ. / USA)

A. Yabe (Consultant / Japan)

Program Committee

Chair :

K. Konno (Konica Minolta / Japan)

Members :

D. Hasenauer (Synopsys, Inc. / USA)

J. Heber (Fraunhofer / Germany)

B. Hendriks (Philips / Netherlands)

H. P. Herzig (EPFL / Switzerland)

C. K. Hwangbo (Inha Univ. / Korea)

R. Katayama (Fukuoka Inst. of Tech. / Japan)

N. Kerwien (Carl Zeiss AG / Germany)

H. Kikuta (Osaka Pref. Univ. / Japan)

T. Konishi (Osaka Univ. / Japan)

M. Kuwata (Mitsubishi Electric / Japan)

T. Lepine (IOGS / France)

C. W. Liang (National Central Univ. / Taiwan)

S. H. Lin (National Chiao Tung Univ. / Taiwan)

I. Livshits (ITMO Univ. / Russia)

K. Maru (Kagawa Univ. / Japan)

A. Nozaki (Konica Minolta / Japan)

E. Okada (Keio Univ. / Japan)

T. Otaki (Nikon / Japan)

A. Seifert (CIC nanoGUNE / Spain)

T. Shimura (The Univ. of Tokyo / Japan)

Y. Suzuki (Olympus / Japan)

K. Tajima (Hitachi / Japan)

Y. Takashima (Univ. of Arizona / USA)

S. Ura (Kyoto Inst. Tech. / Japan)

Y. Wang (Beijing Inst. of Tech. / China)

K. Watabe (Toshiba / Japan)

M. Yamagata (Panasonic / Japan)

T. Yamanashi (Theta Optical LLC / USA)

R. N. Youngworth (Riyo LLC / USA)

Steering Committee

Chair :

H. Tatsuno (Ricoh / Japan)

Members :

D. Arai (Nikon / Japan)

K. Irie (Mitsubishi Chemical / Japan)

H. Iwai (Cybernet Systems / Japan)

T. Iwasaki (Fujifilm / Japan)

S. Kajiji (Dexerials / Japan)

T. Kawasaki (Konica Minolta / Japan)

T. Kikuchi (Canon / Japan)

T. Kubota (Ricoh / Japan)

K. Minami (Panasonic / Japan)

M. Nakajima (Topcon / Japan)

Y. Ohno (NEC / Japan)

K. Osawa (Hitachi / Japan)

M. Suwa (Mitsubishi Electric / Japan)

S. Tajiri (Sony / Japan)

Y. Uchida (Olympus / Japan)

Y. Yamamoto (Toshiba / Japan)

(Some of above committee members are under negotiation.)