
FIRST CALL FOR PAPERS

12th International Conference on Optics-photonics



Design & Fabrication

“ODF'20, Taoyuan”
June 2nd -4th, 2020



National Central University, Taoyuan, Taiwan

Organized by

National Central University / Taiwan

Optics Design Group of the Optical Society of Japan / Japan

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TPS (Taiwan Photonics Society / Taiwan)

In Cooperation with (to be confirmed)

Applied Optics Meeting in Kansai • CIE (Chinese Institute of Engineers) • DGaO (German Society of Applied Optics) • EOS (European Optical Society) • ICO (International Commission for Optics) • IEICE (The Institute of Electronics, Information and Communication Engineers) • IEIJ (The Illuminating Engineering Institute of Japan) • JIEP (Japan Institute of Electronics Packaging) • IIEEJ (The Institute of Image Electronics Engineers of Japan) • ITE (The Institute of Image Information and Television Engineers) • 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) • Japan Photonics Council • JSPE (The Japan Society for Precision Engineering) • LSJ (The Laser Society of Japan) • OITDA (Optoelectronics Industry and Technology Development Association) • OPSS (Optics and Photonics Society of Singapore) • OSA (The Optical Society) • OSK (Optical Society of Korea) • ROS (Rozhdestvensky Optical Society) • SPIE (The International Society for Optics and Photonics) • SPIJ (The Society of Photography and Imaging of Japan) • The 179th Committee on Photonics Information Systems, JSPS (Japan Society for the Promotion of Science) • The Color Science Association of Japan • The Astronomical Society of Japan • The Spectroscopical Society of Japan • SID Japan Chapter (Society for Information Display Japan Chapter) • TOOMA (Taiwan Optics/Optronics Manufacturers' Association) • TPS (The Physical Society of Taiwan)

Paper Submission Period: Aug. 1st, - Nov. 30th, 2019

<http://www.odf20.tw>

INTRODUCTION

The 12th International Conference on Optics-photonics Design & Fabrication “ODF'20, Taoyuan” will be held on June 2nd-4th, 2020 at the Department of Optics and Photonics, National Central University in Taoyuan, Taiwan. Optics-photonics design and fabrication will continue to play a significantly important role in the 21st century achieving harmony between technology and the environment. ODF'20 is intended to provide an international forum for original paper presentations and discussions of optics-photonics design and fabrication related technological and scientific topics. These topics include theory, design, fabrication, testing, applications, and others.

ODF'20 is aimed to promote international collaboration among the participants in this field including related companies' exhibition and sightseeing tour.

Collaboration and Competition make progress.

“Join us at *ODF'20, Taoyuan!*”

SCOPE OF THE CONFERENCE

ODF'20 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 / Fabrication

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

Category 2. Optical Components / Devices

Laser, LED, OLED, Detector, DOE/HOE, Thin Film, Optical Waveguide, Optical Fiber, Integrated Optoelectronic Device, Active Optical Component, Optical MEMS, Photonic Crystal

Category 3. Optical Systems

Camera, Microscopy, Display, Projector, Optical Data Storage, Optical Lithography, Illumination Optics, VR/AR, Automotive Optics, LiDAR, Biomedical Optics, Optofluidics, Optical Measurement, Optical Sensing

Category 4. New Technologies

AI Optics, Computational Imaging and Sensing, Digital Holography, CGH, Nonlinear Optics, Ultrafast Optics, Metamaterial, Plasmonics, Near-Field Optics, Quantum Optics, Nano Structures, Optical Cloaking, Other Future Technologies in Optical Design and Fabrication

Special Session: “Future Wearable Optics”

PREPARATION OF ABSTRACT AND MANUSCRIPTS

A limited number of original papers will be accepted for presentation. Authors are required to submit a 35-word Abstract and 2-page Manuscripts. The paper must be submitted online. Please confirm the submission procedure on the ODF'20 Home Page. The copyright of the article published

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in the ODF' 20 Technical Digest is to be transferred to the National Central University (NCU) and Optical Society of Japan (OSJ). The authors are required to agree to the copyright transfer in the online submission procedure at the same time as the 35-word abstract and the 2-page manuscripts are submitted.

- **35-word Abstract**

Abstract should be up to 35 words in text format. Please avoid the use of scientific and engineering symbols in the abstract. The abstract which is longer than 35 words will be shortened by the program committee. If the paper is accepted, the abstract will appear in the Advance Program.

- **2-page Manuscripts**

2-page camera-ready manuscripts including text, figures, tables, and references must be typed single-spaced on an A4 or letter size paper, 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 manuscript, please see the Guidelines to appear on the ODF'20 website.

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The presentation schedule will be determined after the program committee has reviewed the papers. Authors will be notified by Feb. 29th, 2020, whether their papers have been accepted. Notification will be sent to the author listed first by E-mail or a letter. Note that it will be the author's responsibility to obtain any necessary and appropriate clearances from his/her affiliation.

ADDITIONAL INFORMATION

- **Post-deadline Papers**

Detailed information will be announced in the Final Call for Papers

- **ODF'20 Special Issue of OPTICAL REVIEW**

The presented papers can be resubmitted and published in the ODF'20 special issue of the OPTICAL REVIEW, which is the journal of the Optical Society of Japan (OSJ). Application forms for the special issue will be distributed on site.

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