

# icOPEN 2022

## International Conference on Optical and Photonic Engineering

<http://icopen.net/>

24 - 27 November 2022 | Nanjing, China

### ABOUT ICOPEN 2022

The International Conference on Optical and Photonic Engineering (icOPEN) is the flagship event of the Optics and Photonics Society of Singapore (OPSS), and has been successfully held in Singapore, Thailand and China since its inception in 2011. After a two year hiatus due to COVID-19, icOPEN2022 will be co-organised by Nanjing University of Science & Technology and Zhejiang University of Technology, in Nanjing, China from November 24~27, 2022.

This year's conference will bring together colleagues and friends after a long break to discuss and exchange ideas on current trends and technologies in Optical and Photonic Engineering. We look forward to your continued support and participation.



Welcome to Nanjing



### Conference Highlights

#### Conference General Chair:

Anand Asundi, d'Optron Pte Ltd., Singapore

Qian Chen, Nanjing University of Science and Technology, China

#### Conference Chairs:

Chao Zuo, Nanjing University of Science and Technology, China

Shijie Feng, Nanjing University of Science and Technology, China

Haixia Wang, Zhejiang University of Technology, China

Kemao Qian, Nanyang Technological University, Singapore

#### Best Student Presentation/Poster Award

OPSS is sponsoring this competition for the BEST STUDENT PRESENTATION AWARD and BEST STUDENT POSTER AWARD at the icOPEN 2022. This competition recognizes and encourages excellence in graduate studies in the field of optics and photonics. For more detail, please visit: <http://icopen.net/bestaward.html>.

#### Publication:

icOPEN 2022 conference proceedings will be published by SPIE, which will be included in SPIE Digital Library, provided to the Web of Science Conference Proceedings Citation Index-Science, Scopus, Ei Compendex, and others, to ensure maximum awareness of the Proceedings.

### Call for Papers

The primary focus of the conference is on new and original research results in the areas of theoretical findings, design, implementation and applications. Both theoretical paper and simulation (experimental) results are welcome. Topics of interest include, but are not limited to the following:

#### General Session Topics

- 3D Computer Vision
- 3D Image Acquisition and Display
- Advanced Laser Processing and Manufacturing
- Advanced Optical Measurement Methods and Techniques
- Biomedical Optics and Imaging
- Diffractive and Freeform Optics
- Digital Holography and Quantitative Phase Imaging
- Fiber Optics and Sensing Technology
- Image Processing and Deep Learning
- Optical Metrology
- Laser Micro-nano Processing and Patterning
- Non-Destructive Testing and Inspection
- Optical component and System Simulation
- Optical Functional Materials and Devices
- Terahertz Science and Technology
- Ultrafast Lasers and Applications
- Photomechanics

#### Special Session Topics

- High-accuracy Optical Deformation Measurement of Large Engineering Structures
- Image Correlation Based Deformation Measurement
- Lensless Imaging
- Moiré Techniques and Applications
- New Developments and Applications of Digital Image/Volume Correlation
- Nondestructive Evaluation with Infrared Thermography
- Quantitative Phase Imaging
- Single-pixel Imaging and Sensing

### Submission Important Notes

Participant needs to submit the abstract before the deadline first. After the abstract passed the review, if you wish to publish your paper, please submit the full paper of the same abstract before the deadline. Full paper review result will be sent to you after double-blinded review in a short time. For abstract submissions, please visit: <http://icopen.net/sub.html>

Only the accepted full papers will be published on the conference proceedings and indexed. Submission requirements and methods can be found on the [Submission Page](#). Please strictly follow the instruction and template when submitting your manuscript.

### Important Dates

- Abstract Submission Deadline: 01-Sep-2022
- Abstract Acceptance Notification: 15-Sep-2022
- Early Bird Registration Deadline: 01-Oct-2022
- Full Paper Submission Deadline: 01-Nov-2022
- Full Paper Acceptance Notification: 15-Nov-2022
- Normal Registration Deadline: 15-Nov-2022
- Final Paper Due: 05-Dec-2022

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