

Organized by OPSS, previous icOPEN conferences have gathered worldwide participants in Optical and Photonic Engineering. Following the success of icOPENs, the icOPEN 2020 will be hosted by Jiangsu University, co-organized by Tsinghua University and ASEM, supported by worldwide universities, associations and societies and held in Zhenjiang, China during October 16~19, 2020. icOPEN 2020 will provide a timely platform to discuss cutting edge technologies both in the research front and those closer to industry, and promote optical and photonic engineering to a wider audience, and greater interaction between academia and industries. Exciting highlight is the special tracks on 19th Asian Conference on Experiment Mechanics, which is a premier conference for nearly two decades.

### CALL FOR PAPERS

#### General Tracks

- 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
- High Resolution Optical Metrology
- Image Processing and Deep Learning
- Information-rich 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

#### Special Tracks

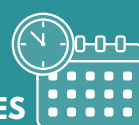
##### Experimental Mechanics Methods

- Optical Methods in Experimental Mechanics
- Micro/nano-metrology
- Sensor Technology
- Non-destructive Evaluation
- Structural Health Monitoring

##### Experimental Mechanics Applications

- Behavior of Material and Structure
- Damage, Fatigue & Fracture
- High Strain Rate and Dynamic Response of Materials
- Composite Materials
- Smart Materials and Structures

### IMPORTANT DATES



Abstract  
Submission  
Deadline:  
June 15, 2020

Early Bird  
Registration  
Deadline:  
August 15, 2020

Full Paper  
Submission  
Deadline:  
August 30, 2020

Final Paper  
Due Date:  
September 15,  
2020



### HIGHLIGHT

Photomechanics is one of the most important and active research directions of experimental mechanics, which embodies the intersection and fusion of Optics and mechanics. Since 2002, Asian Society of experimental mechanics has hosted the Asian Conference on Experimental Mechanics (ACEM). In order to enrich the theme of the conference and increase academic exchanges among different disciplines, icOPEN 2020 will include special tracks on Asian Conference on Experimental Mechanics to exchange the latest research results in this field.

### PUBLICATION

*Click Here*



icOPEN 2020 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.

SPIE. DIGITAL LIBRARY

For previous conference histories information:  
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Huimin Xie, Tsinghua University, China

### PAPER SUBMISSION

Note: 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 2 weeks later.

Each full paper should have full 4 pages at least, maximum 6 pages.

**Only** the accepted full papers will be published on the conference proceedings and indexed.

For more information of submission methods:  
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