

## Symposium-S8. AI for Photonics and Photonics for AI

### TOPICS

- *AI-driven optical networks*
- *AI-based DSP for optical communication*
- *AI-based modeling and monitoring*
- *AI for photonic device characterization*
- *AI for photonic device design*
- *Photonic subsystem for AI computation*
- *Photonic device for AI computation*
- *Photonic integration for AI computation*
- *Applications of photonic AI hardware*
- *AI-based optical sensing*
- *AI-based satellite optical networks*
- *Other innovative technologies fusing  
AI and photonics*

### Symposium Chairs

#### Qunbi Zhuge

Shanghai Jiao Tong University,  
China



#### Yongli Zhao

Beijing University of Posts and  
Telecommunications, China



#### Hongwei Chen

Tsinghua University,  
China



#### Jianqiang Li

Kuaishou Technology,  
USA



#### Chaoran Huang

Chinese University of Hong  
Kong, China



### IMPORTANT DATE

Submission Deadline  
**April 30, 2021**

Notification Date  
**May 30, 2021**

Registration Deadline  
**July 10, 2021**

Camera-ready papers due  
**August 15, 2021**

On-site Sign in Date  
**August 31, 2021**

Main Conference Dates  
**August 31-September 3, 2021**

### PUBLICATION & SUBMISSION

The accepted and presented papers will be published in Conference Proceedings by IEEE after OGC 2021, which will also be included into **IEEE Xplore** and submitted to EI Compendex and Scopus database.

Please send your manuscript to EasyChair online submission system: <https://easychair.org/conferences/?conf=ogc2021>



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028-87 555 888 | 132 8128 0917



[info@ieeegc.com](mailto:info@ieeegc.com)