

**Photonics Global Conference (PGC 2023)** will be held in **Stockholm, Sweden** from **August 21 to 23, 2023**. The aim of this conference is to foster interactions among broad disciplines in the photonics and optical communication family. This is going to be the biggest photonics and communication event in Sweden and this can be an excellent platform to meet and share latest research work. The conference will provide a platform for international academics, researchers, practitioners and students working in the photonics areas to discuss new developments, concepts and practices, and to identify synergies in research directions that will lead to broader and deeper applications of photonics. We look forward to your participation so as to make this conference an exciting and fruitful event. Papers presenting original work in, but not limited to, the technical symposia/special sessions are invited for submission.

**Special thanks to City Hall**—The reception is generously hosted by the City of Stockholm and will take place in the beautiful and famous City Hall.

## CONFERENCE COMMITTEE

### General Chairs

Perry Shum, Southern University of Science and Technology, China  
Zabih Ghassemlooy, Northumbria University, UK  
Xiaodan Pang, KTH Royal Institute of Technology, Stockholm, Sweden  
Oskars Ozolins, RISE Research Institutes of Sweden, Stockholm, Sweden  
Chunyang Yang, South-Central Minzu University, China

### Program Chairs

Rui Lin, Chalmers University of Technology, Gothenburg, Sweden  
Sergei Popov, KTH Royal Institute of Technology, Stockholm, Sweden  
Rafael Puerta, Ericsson, Stockholm, Sweden  
Yating Wan, King Abdullah University of Science & Technology, Saudi Arabia  
Vjaceslavs Bobrovs, Riga Technical University, Latvia

## TOPICS

### Track 1: Semiconductor and Integrated Optical Devices

Chairs: Jianguo Liu, Institute of Semiconductors, CAS, China  
Yuefei Cai, Southern University of Science and Technology, China  
Richard Schatz, KTH Royal Institute of Technology, Stockholm, Sweden

### Track 2: Optical Subsystems, Systems and Networks

Chairs: Freddy Hongyan Fu, Tsinghua University, China  
Jianqiang Li, LightsAI Solution, China  
Qirui Huang, Huawei International Pte Ltd  
Xijia Zheng, Google LLC, Sunnyvale, CA, USA

### Track 3: Silicon Photonics

Chairs: Wei Jiang, Nanjing University, China  
Jianji Dong, Huazhong University of Science and Technology, China

### Track 4: Microwave Photonics

Chairs: Hao Hu, Technical University of Denmark, Denmark  
Xianbin Yu, Zhejiang University, China  
Zixiong Wang, Tianjin University, China  
Lei Deng, Huazhong University of Science and Technology, China

### Track 5: Advanced Materials for Photonics

Chairs: Xiaolong Chen, Southern University of Science and Technology, China  
Mingyu Zhang, Harbin Institute of Technology, Shenzhen, China  
Jinshui Miao, University of Chinese Academy of Sciences, China  
Kai Wang, Southern University of Science and Technology, China  
Aung Ko Ko Kyaw, Southern University of Science and Technology, China

### Track 6: Biophotonics and Optical Biomedicine

Chairs: Junle Qu, Shenzhen University, China  
Sihua Yang, South China Normal University, China  
Aaron Ho-Pui Ho, The Chinese University of Hong Kong, China  
Gina Chen, Southern University of Science and Technology, China

### Track 7: Fiber-Based Technologies and Applications

Chairs: Sze Y. Set, The University of Tokyo, Japan  
Yiyang Luo, Chongqing University, China  
Wenjun Ni, South-Central Minzu University, China  
Dajuan Lyu, Yangtze Optical Fibre and Cable Joint Stock Limited Company, China

### Track 8: Plasmonics and Metamaterials

Chairs: Qingfeng Zhang, Southern University of Science and Technology of China, China  
YanJun Liu, Southern University of Science and Technology of China  
Longqing Cong, Southern University of Science and Technology of China

### Track 9: Optical Sensors and Systems

Chairs: Changyuan Yu, The Hong Kong Polytechnic University, China  
Zhiyong Zhao, Huazhong University of Science and Technology, China



## WORKSHOPS

### 1. Workshop on Illuminating Wireless: The Emergence of VLC and FSO in the 6G Era

Chair: Xiaodan Pang, KTH Royal Institute of Technology, Stockholm, Sweden

### 2. Workshop on Advanced Optical Imaging Technologies

Chair: Liangcai Cao, Tsinghua University, China

## SUBMISSION GUIDELINE

### SUBMISSION REQUIREMENT

If you consider presenting your work at the conference and publish your paper after the conference, please submit your paper with 2 pages at least, maximum 5 pages, more pages will be charged.

### IMPORTANT NOTES

1. English is the official language of the conference; the paper should be written and presented only in English.
2. Only work that has not been previously published at the time of the conference will be considered.
3. Prior to make the submission, please prepare your paper or abstract according to the template.
4. The submission will be confirmed and assigned a Paper ID by the conference secretary from [pgc@youngac.cn](mailto:pgc@youngac.cn) within 3 working days after submission.

### SUBMISSION METHOD

Please submit your full paper or abstract via:  
<https://easychair.org/conferences/?conf=pgc2023>

## IMPORTANT DATES

**Submission Due: June 20, 2023**

**Notification Due: July 15, 2023**

**Camera-ready Due: July 20, 2023**

**Registration Deadline: July 30, 2023**

## ORGANIZERS & SPONSORS



## CONTACT US

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For latest information please visit:  
<https://www.optoin.org/PGC/>