



# CALL FOR PAPERS

2022 IEEE the 14th International Conference on Advanced Infocomm Technology (ICAIT) will be held at Chongqing, China during July 8-11, 2022. ICAIT 2022 is co-sponsored by IEEE Photonics Society and IEEE China Council Sensors Council and Systems Council Joint Chapter, hosted by Chongqing University and Guangxi University, co-organized by Chongqing University of Posts and Telecommunications, and supported by Changchun University of Science and Technology, Jilin University, Macau University of Science and Technology, KTH Royal Institute of Technology, Auckland University of Technology.

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## CONFERENCE PROCEEDINGS

Accepted and registered full papers will be published by **IEEE conference proceedings**, and submit to **IEEE Xplore**, **EI Compindex**, **Scopus**, etc. Authors of accepted papers will be invited to present their research at the conference.

## SUBMISSION GUIDELINE

### EasyChair submission system:

<https://easychair.org/conferences/?conf=icaitleague2022>

### Template Download:

[http://icaitleague.org/downloads/Final\\_Template.docx](http://icaitleague.org/downloads/Final_Template.docx)

**Submission Deadline: May 30th, 2022**

## KEYNOTE SPEAKERS



**PROF. JIANPING YAO**  
University of Ottawa, Canada  
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**PROF. F. RICHARD YU**  
Carleton University, Canada  
FIEEE, FCAE, FEIC, FIET



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**PROF. YAN ZHANG**  
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FIEEE, FIET



**PROF. YUNJIANG RAO**  
University of Electronic Science and Technology of China  
FIEEE, FIET, FSPIE

## TRACKS

### Track 1. Wireless Communication and Networks

Chairs: Peng Yu, Beijing University of Posts and Telecommunications  
Shu Fu, Chongqing University  
Yueyue Dai, Nanyang Technological University

### Track 2. Optical Fiber Communication and Networks

Chairs: Fofei Pang, Shanghai University  
Guijun Hu, Jilin University  
Xuwei Xue, Beijing University of Posts and Telecommunications

### Track 3. Optical Wireless Communication and Networks

Chairs: HongYan Fu, Tsinghua-Berkeley Shenzhen Institute  
Xiong Deng, Southwest Jiaotong University  
Yanbing Yang, Sichuan University

### Track 4. Space Communications, Navigation and Tracking

Chairs: Tianshu Wang, Changchun University of Science and Technology  
Jing Xu, Zhejiang University  
Yejun Liu, Chongqing University of Posts and Telecommunications

### Track 5. Fiber and Sensor Technologies

Chairs: Fei Xu, Nanjing University  
Yongkang Dong, Harbin Institute of Technology  
Yiyang Luo, Chongqing University  
Yunqi Liu, Shanghai University

### Track 6. Microwave Photonics

Chairs: Jiejun Zhang, Jinan University  
Weifeng Zhang, Beijing Institute of Technology  
Zhiyao Zhang, University of Electronic Science and Technology of China

### Track 7. Micro & Nano Optical Devices and Sensing

Chairs: Gang Chen, Chongqing University  
Dezhuan Han, Chongqing University

### Track 8. Fiber Laser Technologies and Applications

Chairs: Zinan Wang, University of Electronic Science and Technology of China  
Peiguang Yan, Shenzhen University, China

### Track 9. Optical Imaging Technologies and Applications

Chairs: Xiaojun Yu, Northwestern Polytechnical University  
Wei Liu, Harbin Institute of Technology (Shenzhen)

### Track 10. Signal, Information and Data Processing for Communications

Chairs: Bin Chen, Hefei University of Technology  
Zhenming Yu, Beijing University of Posts and Telecommunications  
Jinyuan Wang, Nanjing University of Posts and Telecommunications

### Track 11. Semiconductor Optoelectronic Devices

Chairs: Junjia Wang, Southeast University  
Baicheng Yao, University of Electronic Science and Technology of China

### Track 12. Photoacoustic Detection Technologies and Applications

Chairs: Ping Lu, Huazhong University of Science and Technology  
Lei Dong, Shanxi University

## Contact us

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