



The 2nd International Conference on Computing, Communication, Perception and Quantum Technology

第二届计算、通信、感知与量子技术

国际会议

邀请函

敬启者：

CCPQT 2023组委会热忱地邀请您参与**2023年第二届计算、通信、感知与量子技术国际会议（CCPQT 2023）**，本次会议将于**2023年8月4日-8月7日**在**中国厦门**盛大举行，由**北京工业大学**主办。

会议将围绕会议聚焦**感知技术、绿色通信、新兴计算技术、量子科学**等相关研究领域，广泛邀请国内外知名专家学者、行业精英做相关致辞与报告，共同探讨相关领域的最新发展方向及行业前沿动态。

会议旨在为来自国内外高等院校、科研院所、企事业单位的专家、教授、学者、工程师提供一个高水平的信息沟通平台、创新成果展示与推广的渠道。



Keynote Speakers



Prof. George K. Karagiannidis, Aristotle University of Thessaloniki, Greece



Prof. Junjie Wu, National University of Defense Technology, China



Prof. Xinwang Liu, National University of Defense Technology, China



Prof. Juan Fang, Beijing University of Technology, China



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Norway

Prof. Jian Dong, Central South University, China

Prof. Junjie Wu, National University of Defense Technology, China

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Prof. Honggang Zhang, Zhejiang University, China

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China

Prof. Junqing Le, Chongqing University, China

Prof. Long Jiao, George Mason University, China

Technical Chairs

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Prof. Jinjing Shi, Central South University, China

Prof. Zabih GHASSEMLOOY-Northumbria University, UK

Prof. Hongwei Mo, Harbin Engineering University, China

Prof. Yang Yue, Xi'an Jiaotong University, China

Publicity Chair

Prof. Daowen Qiu, Sun Yet-sen University, China



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Dr. Patel Hirai M, Sankalchand Patel Coll Engn, Visnagar, India

Dr. Mojtaba Noorallahzadeh, Islamic Azad University, Iran



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Deep Shah, Mukesh Patel School of Technology Management &
Engineering, India

Workshop Chair

Workshop 1

Title: Communication-sensing-computing Cooperative Network and
Technology

Chair: Prof. Zhiyong Luo, Sun Yat-sen University, China

Workshop 2

Title: Complex System Modeling and Its Digital Solutions

Chair: Prof. Kewei Chen, Ningbo University, China

Workshop 3

Title: Practical Security of Quantum Key Distribution

Chair: Assoc. Prof. Duan Huang, Central South University, China

Workshop 4

Title: The Path Towards AI-Native Wireless Networks: A Journey through
Metaverse, Digital Twins, and Extended Reality (XR)

Chair 1: Christina Chaccour, Wireless@VT, Bradley Department of
Electrical and Computer Engineering, Virginia Tech, VA, USA

Chair 2: Omar Hashash, Wireless@VT, Bradley Department of Electrical
and Computer Engineering, Virginia Tech, VA, USA

Workshop 5

Title: Chaos Cryptography and Quantum Chaos Cryptography with



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Quantum Computing

Chair: Assoc. Prof. Fangfang Zhang, Qilu University of Technology
(Shandong Academy of Sciences)

Workshop 6

Title: Merge Storage and Computing by Exploiting the Novel Device and Circuit

Chair: Dr. Nuo Xu, National University of Defense Technology

Workshop 7

Title: Green Cellular Network and Green User Equipment

Chair: Assoc. Prof. Xilong Liu, Yunan University

Workshop 8

Title: Photothermal Information Reconstruction based on Optimization Algorithm

Chair: Prof. Hong Qi, Harbin Institute of Technology

Workshop 9

Title: Signal and Image Processing Algorithms in Biomedical Fields, such as Denoising, Segmentation, Classification, and Recognition

Chair: Assoc. Prof. Gang He, Southwest University of Science & Technology

Workshop 10

Title: Designing Metaverse using Next Generation Internet of Things

Chair: Partha Pratim Ray, Sikkim University

Workshop 11

Title: Recent Advances on Quantum Communication

Chair 1: Assoc. Prof. Jinjing Shi, Central South University

Chair 2: Dr. Yanyan Feng, Central South University of Forestry and
Technology

Chair 3: Dr. Jian Zhou, Central South University of Forestry and
Technology

Workshop 12

Title: Chaotic System, Circuit and Application in Information Security

Chair: Prof. Lidan Wang, Southwest University

Workshop 13

Title: Advances and Applications in Wireless Communication and Internet
of Things Technology

Chair 1: Assoc. Prof. Hongyuan Gao, Harbin Engineering University

Chair 2: Yanan Du, The No.38 Research Institute of CETC

Workshop 14

Title: Intelligent and Lightweight Physical Cross-Layer Security and Privacy
in 6G

Chair: Assoc. Prof. Jie Tang, University of Electronic Science and
Technology of China

Workshop 15

Title: Graph Neural Networks for Internet of Things (GNN-IoT)



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Chair: Assoc. Prof. Jielong Yang, Jiangnan University

Workshop 16

Title: Underwater Wireless Communication and Sensing Network

Chair: Prof. Qiurong Yan, Nanchang University

Workshop 17

Title: Resource Optimization and Intelligence Algorithms for Mobile Edge Network

Chair: Prof. Juan Fang, Beijing University of Technology

Workshop 18

Title: Digital Twin for Vehicular Edge Computing

Chair 1: Prof. Chen Chen, Xidian University

Chair 2: Assoc. Prof. Lei Liu, Zhengzhou Technology

Chair 3: Dr. Jie Feng, Xidian Technology

Workshop 19

Title: Advances and Applications in Wireless Communication and Internet of Things Technology

Chair: Assoc. Prof. Jin Ren, North China University of Technology

Workshop 20

Title: Enabling Edge-AI Native Computing and Communication for Future Generation Mobile Communication Network Slicing

Chair: Assoc. Prof. Guolin Sun, University of Electronic Science and Technology of China



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会议信息

大会官网: <http://www.ccpqt.org/>

官方邮箱: ccpqt_paper@126.com

会议地点: 福建厦门

会议形式: 线上线下结合

会议时间: 2023年8月4日-8月7日

会议出版及征稿

会议出版: EI检索

投稿指南:

1. 请至官网 <http://www.ccpqt.org/> 下载论文模板;
2. 论文必须是全英文稿件, 非纯综述类, 应具有学术或实用推广价值, 并且未在国内外学术期刊或会议发表过;
3. 请根据模板编辑论文, 并将全文(word文档)发送至会议投稿系统: <https://csubmit.elspublishing.com/ocs/main>;
4. 文章页面建议4-5页, 含公式图表等; CPS为双栏10页上限;
5. 终稿重复率(含文献)不超过25%, 可通过iThenticate查重;
6. 投稿后7-15个工作日内反馈审稿意见或录用通知;
7. 收到录用通知在7个工作日内完成注册。

会议征稿主题:

包含(但不限于)以下领域: 计算、通信与量子技术、感知等。



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计算：新的计算与应用范例、计算模型、算法与软件、开发/操作环境、编译器、计算机体系结构、存储技术、高性能计算、普适计算、协同计算、云计算、边缘计算、量子信息处理和量子模拟的实现（光子、超导量子位、俘获离子、固态、光晶格等）

通信与量子技术：无线通信、光通信、卫星通信、通信网络与信息安全、现代通信系统与技术、量子光子网络（量子中继器、量子存储器、自由空间等）、量子密码、量子通信、量子信息论

感知：传感器技术、射频识别、信号与信息处理、量子测量、量子探测、量子计量学、通信与量子技术。

参与形式

为切实举办好计算、通信、感知与量子技术国际会议，我们诚挚邀请您参与支持CCPQT 2023。参与形式如下：

- 1.口头报告：在大会上进行计算、通信与量子技术、感知研究领域的英文学术报告，时长约10-15分钟。
- 2.论文报告：在大会征稿主题范围内提交相关领域英文版科技论文，评审通过后提交注册并收录到会议论文集。
- 3.研讨会：针对会议主题组建workshop，以分论坛形式展开研讨。



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会议日程

2023年8月4日	
9:00—20:00	会议报到、注册
2023年8月5日	
8:30—9:00	开幕式，嘉宾致辞
9:00—12:00	主讲嘉宾主旨报告
12:00—13:30	自助餐、午休
14:00—18:00	分会场专题论坛
18:00—20:00	晚宴暨颁奖典礼
2023年8月6日-8月7日	
全天	由参会者自行安排

联系方式

官方邮箱: ccpqt_paper@126.com

Tel/WeChat: 18673183853 (黄老师)

15574372063 (汤老师)

18942533595 (潘老师)

组委会诚挚希望通过本次会议，与会者及各单位能够充分交流，成果得到相应的推广，在业界、媒体层面扩大影响力，互通产学研合作机遇，共同进步！

