

ICICN2026 Track 11 Description

Special Session Basic Information:

专栏题目

Session Title

中文：无线通信与网络

英文：Wireless Communications and Networking

专栏介绍和征稿主题

Introduction and topics

中文：

无线通信与网络专题研讨会诚征无线通信、无线网络及相关应用各领域高质量稿件，重点聚焦物理层（PHY）、媒体接入控制层（MAC）、网络层以及跨层分析与设计相关研究方向。同时，本次研讨会诚挚邀请从事下一代网络与互联网大领域研究的学术界和产业界科研人员参会交流，研究范畴涵盖网络架构、通信协议、建模分析、实测验证与行业应用等方向。特别鼓励产业界与学术界提交基于全面现场测试、实测分析、试验部署及落地应用的相关论文。

研讨会征集原创研究论文，选题包括但不限于以下方向：

- 无线传输与通信
- 无线网络
- 光通信与光网络
- 光无线通信
- 太赫兹通信与组网
- 下一代卫星通信
- 无线/微波能量传输（WPT/MPT）
- 能源互联网（IoE）通信

英文：

The symposium of Wireless Communications and Networking invites high-quality submissions in all areas of wireless communications, wireless networks and the related applications, with a strong focus on topics related to the physical layer (PHY), medium access control (MAC) layer, network layer, as well as cross-layer analysis and design. Moreover, this symposium invites participation from academic and industry researchers working in the broad area of next-generation networking and Internet, including architectures, communication protocols, modelling, measurements, and applications. In particular, papers on comprehensive field tests and measurements, trials and applications from both Industry and academia are highly encouraged.

Original research articles are solicited in, but not limited to, the following topics:

- Wireless Transmission and Communication
- Wireless Network
- Optical Communications and Networks
- Optical Wireless Communications
- Terahertz Communications and Networking
- Next-Generation Satellite Communications
- Wireless/Microwave Power Transmission (WPT/MPT)
- Internet of Energy (IoE) Communications

Track Chair(s):

	姓名 Name	李萌; Meng Li
	称谓 Prefix	教授; Professor
	部门 Department	信息科学技术学院; School of Information Science and Technology
	单位 Organization	北京工业大学; Beijing University of Technology
	城市/地区 City/Region	北京市; Beijing

Organizer's Brief Biography

中文:

李萌现任北京工业大学信息科学与技术学院教授，于2018年获北京工业大学博士学位。2015-2016年，赴加拿大卡尔顿大学信息技术学院担任联合培养博士研究生。2018-2020年，于北京工业大学信息技术学院从事博士后研究。现为IEEE高级会员。李萌教授的主要研究方向为绿色无线通信与网络，涵盖6G通信、工业物联网、边缘智能与算力网络、智能网络资源管理等领域。李萌教授目前已发表IEEE期刊及顶级会议论文约60篇，谷歌学术引用量约5000次，在无线通信与网络研究领域具有较高学术影响力。

英文:

Meng Li is currently a Professor of the School of Information Science and Technology, Beijing University of Technology (BJUT), P.R. China. He received his Ph.D. degree in BJUT in 2018. From 2015 to 2016, he was a visiting Ph.D. student in the School of Information Technology, Carleton University, Canada. From 2018 to 2020, he was a Postdoctoral Research Fellow in the Faculty of Information Technology, BJUT, P.R. China. He is a Senior Member of IEEE. Meng Li's research interests span a wide range of topics in green wireless communications and networks, including 6G, Industrial IoT, edge intelligence and computing power network, as well as intelligent network resource management. He has published about 60 IEEE journal and flagship conference papers, and have received about 5000 Google Scholar Citations and generated significant impact on the wireless communications and networks research community.

	姓名 Name	王侃; Kan Wang
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	单位 Organization	西安理工大学; Xi'an University of Technology
	城市/地区 City/Region	西安市/Xi'an

Organizer's Brief Biography

中文:

王侃教授于2016年获中国西安电子科技大学博士学位。2017年3月起，任职于西安理工大学计算机科学与工程学院。主要研究方向为车联网通信、智能交通系统以及无线资源管理。

英文:

Kan Wang received the Ph.D. degree from Xidian University, Xi'an, China, in 2016. Since March 2017, he has been with the School of Computer Science and Engineering, Xi'an University of Technology, China. His research interests include vehicular communications, intelligent transportation systems and wireless resource management.



照片

姓名 Name	Han Xi; 韩曦
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部门 Department	人工智能与计算机学院; School of Artificial Intelligence and Computer Science
单位 Organization	北方工业大学; North China University of Technology
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Organizer's Brief Biography

中文:

韩曦教授于 2013 年获北京邮电大学博士学位。2016 年任职于北方工业大学电子信息工程学院。2026-2027 年，赴新加坡南洋理工大学电子与电气工程学院开展访问学习，她的主要研究方向为无线通信信号处理、智能处理算法等。

英文:

Professor Han Xi received her Doctoral degree from Beijing University of Posts and Telecommunications in 2013. She joined the School of Electronic and Information Engineering, North China University of Technology in 2016. From 2026 to 2027, she will conduct academic visiting research at the School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore. Her main research interests include wireless communication signal processing, intelligent processing algorithms and related fields.