

THE 16TH INTERNATIONAL CONFERENCE ON COMMUNICATION AND NETWORK SECURITY



Communication and Network Security

December 19–21, 2026 Harbin, China



Chair

Saeid Pourroostaei

Queen Mary University of London, UK

Track 5

AI, Future Networks and Trusted Systems

Driven by artificial intelligence and next-generation communication technologies, future networks are evolving toward intelligence, openness and large-scale interconnection, while bringing complicated security and trust challenges across network infrastructure, intelligent models and diverse application scenarios. AI is widely adopted for threat detection and network defense, yet AI-empowered systems also introduce new attack surfaces such as model poisoning and adversarial examples. Meanwhile, 6G, quantum-safe networks, SDN/NFV, zero-trust and blockchain technologies reshape the security paradigm for cyber-physical systems. This track welcomes high-quality original submissions covering theories, architectures, implementations and evaluation of AI-enhanced security and trusted network systems. The scope includes AI-driven network security, trustworthy and explainable AI, 6G and quantum-safe network security, zero-trust architecture, SASE, TEE-based security, blockchain and distributed ledger security, CPS/ICS security, metaverse security, green security, hardware security and security benchmarking. This track aims to bring together academic researchers and industry practitioners to share cutting-edge findings, address open security obstacles, and advance secure and trusted future network ecosystems.

SUBMISSION

→Submission System: <https://www.zmeeting.org/submission/iccns2026>

→Email Submission Address: iccns_secretary@young.ac.cn

*Full Paper Template: https://iccns.org/acm_template.docx;

<https://iccns.org/LaTeX-Templates.zip>

*Abstract Template: https://iccns.org/abstract_template.docx

For more details about submission, please visit <https://iccns.org/sub.html>

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WeChat: Add iconf-cs-2 and send the keyword ICCNS 2026

TOPICS

Topics of interest include, but are not limited to:

- AI/ML for Network Security
- AI-Powered Security Analytics
- Security of AI Systems
- Explainable and Trustworthy AI for Security
- 6G and Next-Generation Network Security
- Quantum-Safe Networks
- Security in SDN and NFV
- Zero Trust Architecture (ZTA)
- Secure Access Service Edge (SASE)
- Trusted Execution Environments (TEEs)
- Blockchain for Secure Systems
- CPS and ICS Security
- Metaverse and Immersive Technology Security
- Sustainable and Green Security
- Security Measurement, Metrics, and Benchmarking
- Hardware Security
- Distributed Ledger Technologies for Security

IMPORTANT DATE

Submission Deadline: October 25, 2026

Notification Deadline: November 20, 2026

Registration Deadline: December 01, 2026

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