

Call for Papers

The International Workshop on Security and Trust in Mobile Edge Computing

Scope and Topics

Mobile Edge Computing (MEC) is transforming modern network architectures by bringing computation and data storage closer to the sources of data generation. This enables low-latency, context-aware, and high-bandwidth applications in domains such as smart cities, autonomous systems, and next-generation mobile services. However, as MEC environments are inherently distributed and resource-constrained, ensuring security, privacy, and trust becomes a critical concern.

The STMEC 2025 workshop invites contributions that explore innovative and trustworthy solutions to protect MEC infrastructure and services. This includes addressing challenges related to secure communication, data protection, access control, adversarial resilience, and privacy preservation at the edge. The list of topics includes, but not restricted to the following topics:

- Resource allocation for secure MEC networks
- MEC security and privacy
- MEC-based federated learning security
- Application-level security mechanisms for MEC
- MEC-based privacy protection techniques
- Edge intelligence and trustworthy machine learning at the edge
- Adversarial attacks and defenses specific to MEC environments
- Security and privacy in integrated sensing and MEC networks
- Security design paradigms tailored for edge computing
- Privacy leakage, rogue infrastructure, and service manipulation in MEC
- Attacks on virtualization infrastructure in MEC
- Information and service manipulation detection at the edge
- Protocol and network-layer security for MEC platforms
- Trust management frameworks in MEC
- Intrusion detection systems tailored for edge environments
- Access control systems and identity management in MEC

Important Dates

- Paper submission deadline: before **August 1st, 2025**
- Author notification: **October 1st, 2025**
- Final manuscript due: **October 15th, 2025**

Submission Instructions

Papers submitted to IEEE STMEC 2025 should be written in English conforming to the IEEE Conference Proceedings Format (8.5" × 11", Two-Column). The paper should be submitted through the EDAS (<https://edas.info/N34042>). The length of the papers should not exceed 6 pages + 2 pages for over length charges.

Accepted and presented papers will be included into the IEEE Conference Proceedings published by IEEE CS CPS and submitted to IEEE Xplore. Authors of accepted papers, or at least one of them, are requested to register and present their work at the conference, otherwise their papers will be removed from the digital libraries of IEEE CS after the conference. Distinguished papers presented at the conference, after further revision, will be recommended to special issues of reputable SCI/Elindexed journals.

Submitting a paper to the workshop means that, if the paper is accepted, at least one author should attend the Symposium and present the paper.

Workshop Chairs

- Prof. Mingxiong Zhao, Yunnan University (China), mx_zhao@ynu.edu.cn
- Dr. Rongqian Zhang, Yunnan University (China), rachelzrq1203@gmail.com
- Prof. Jingjing Wang, Beihang University (China), drwangjj@buaa.edu.cn
- Prof. Wenchao Xia, Nanjing University of Posts and Telecommunications (China), xiawenchao@njupt.edu.cn
- Prof. Hao Yang, Zhejiang University (China), haoyang@intl.zju.edu.cn
- Prof. Jianhua Tang, South China University of Technology (China), jtang4@e.ntu.edu.sg