IEEE SATC2025

1st IEEE Conference on Secure and Trustworthy CyberInfrastructure for IoT and Microelectronics

Wright State University, USA
February 25-27, 2025

CALL FOR PAPERS

IMPORTANT DATES

DECEMBER 31, 2024	JANUARY 30, 2025	FEBRUARY 15, 2025	FEBRUARY 25, 2025
Paper Submission Deadline	**Acceptance Notification**	**Registration Deadline**	**Camera-ready Submission Deadline**

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- Dr. Ahmed Abdelgawad, Central Michigan University, USA
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- Dr. Tamzidul Hoque, University of Kansas, USA
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Welcome to SATC-2025

We are pleased to invite you to the 1st IEEE Conference on Secure and Trustworthy CyberInfrastructure for IoT and Microelectronics (SaTC 2025), scheduled to take place from February 25-27, 2025. Co-organized by Wright State University and Central Michigan University, it provides a unique platform to discuss the recent advancements in security and assurance challenges in IoT/Edge computing, communication systems, and embedded computing. We plan to submit the conference proceedings for publication to IEEE Xplore.

Topics of Interest

Topics of interest include but not limited to the following:

- AI for Smart City Infrastructure Management
- Blockchain for IoT Device Authentication
- Autonomous Vehicles and AI-powered Navigation
- Secure Embedded AI Systems
- AI-driven Threat Detection for IoT
- Quantum-Safe Cryptography for IoT
- Zero Trust Architecture in IoT Networks
- Trusted Computing for IoT Applications
- IoT Privacy Enhancing Technologies
- Generative AI for Predictive Modeling and other applications
- Edge Computing Security Techniques
- AI-based Fraud Detection Systems
- Heterogeneous System Security Integration
- Deep Learning for IoT Anomaly Detection
- Smart Contract Security in IoT
- 5G and IoT Security
- Advanced IoT Security Frameworks
- Secure IoT Communication Protocols
- AI in Healthcare for Diagnosis and Treatment
- IoT-Based Distributed Systems Security
- Assured Additive Manufacturing for IoT Hardware
- Trustworthy Machine Learning for IoT
- Digital Twin Security for IoT Systems

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