

SecuPriv-IoT 2026

Security and Privacy for Next-Generation Internet of Things — a forum for researchers and practitioners on securing IoT ecosystems while protecting user and device privacy, from constrained endpoints to the cloud. Co-located with [FICN 2026](#).

IoT systems across smart homes, healthcare, industry, transportation, and smart cities face growing threats from limited computation, weak authentication, heterogeneous protocols, and continuous data collection. This workshop brings together academia, industry, and government to advance secure, privacy-aware, and resilient IoT design — and to connect researchers across cryptography, network security, machine learning, edge computing, and embedded systems.

TOPICS OF INTEREST

• Lightweight authentication & authorization for IoT devices	• Secure communication protocols for constrained devices	• Privacy-preserving data collection, sharing & analytics
• Trust & identity management in IoT ecosystems	• Secure edge computing & cloud-IoT architectures	• Intrusion & anomaly detection for IoT networks
• Blockchain & distributed ledger tech for IoT security	• Secure firmware updates & supply-chain protection	• Access control & data governance in smart environments
• Security & privacy in smart healthcare, homes & cities	• Adversarial ML & AI-driven attacks on IoT systems	• Federated learning for privacy-preserving intelligence
• Legal, ethical & regulatory aspects of IoT privacy	• Security & Privacy in the Internet of Battlefield Things	• Security & Privacy in Medical IoT (MIoT / IoMT)

FORMAT

1. Opening remarks on the workshop theme
2. Keynote(s) from committee members
3. Paper presentations grouped by theme
4. Open discussion on collaboration & open problems

WE WELCOME

Original research papers, position papers, case studies, prototypes, and survey articles — with special interest in measurable security improvements, realistic threat models, privacy-aware system design, and validated results from operational IoT deployments.

ORGANIZING COMMITTEE

GENERAL CHAIR Dr. İsmail Bütün Department of Software Engineering, Sakarya University, Türkiye ibutun@sakarya.edu.tr	TECHNICAL PROGRAM CHAIR Dr. Amar Amouri Abu Dhabi Polytechnic, UAE Amar.Amouri@actvet.gov.ae	PUBLICITY CHAIR Dr. Joseph Henry Anajemba Abu Dhabi Polytechnic, UAE Joseph.Anajemba@actvet.gov.ae
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ADVISORY COMMITTEE

Prof. Nasir Ghani University of South Florida	Prof. Imad Mahgoub Florida Atlantic University	Prof. Ravi Sankar University of South Florida
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Join the network. **Submit your work.**

Contact: Amr Baseet, Sakarya University (amer8basit@gmail.com)

Submit: conferences.sparcly.ai/FICN2026

Workshop Page: [SecuPriv-IoT 2026](#)

IMPORTANT DATES

Paper Submission: 20 Sep 2026

Author Notification: 10 Nov 2026

Camera-Ready: 20 Nov 2026