2nd Workshop on Enabling Security, Trust, and Privacy in 6G Wireless Systems

Important Deadlines

Paper submission:
20 January 2024

Acceptance notification:
6 March 2024

Camera-ready due:
15 March 2024

The 2nd Workshop on Enabling Security, Trust, and Privacy in 6G Wireless Systems will take place on 13th June 2024 in Denver, CO, USA. The objective of the workshop is to both foster and develop the ground-breaking technique to provide trustworthy and resilient wireless communications. In line with such objectives, original contributions are solicited in topics of interest to include, but not limited to, the following:

- Physical layer security for 6G
- Trust and trustworthiness in 6G
- Secure signal processing
- Information theoretic security
- Security verification and performance metrics
- Cross-layer security solutions
- 5G/6G security (false base station attacks, sidelink security, integration of new services)
- Zero-touch security solutions
- Context-aware, semantic security
- Covert wireless communications
- Physical layer authentication and key agreement
- Security and privacy for IoTs, HetNets, massive MIMO systems, and mm-wave, THz transmission
- Security and privacy of joint communications and sensing / integrated sensing and communication
- Interplay between emerging technologies (intelligent reflecting surface, joint communication and sensing, AI) and their role towards trustworthy communication
- Hardware security
- Attack/defense modelling (active and jamming attacks, man-in-the-middle attacks, etc.)
- Post-Quantum security and cryptography
- Security challenges for AI/ML technologies
- Security of space information systems
- Optical wireless technology for secure connectivity
- Security mechanisms for zero-energy devices
- Security-aware access control
- AI-based security solutions for wireless systems
- Prototype, practical testbeds, and performance evaluation

Submission Guidelines:

Authors are invited to submit original papers of up to 6 pages including figures, tables, and references, in PDF format. Submission implies that at least one of the authors will register and present the paper at the conference. Electronic submission is accepted through EDAS. Prospective authors are invited to submit original technical papers — up to 6 pages of length, using the EDAS link: https://edas.info/N31836 for possible publication in IEEE ICC 2024 Conference Proceedings, which will be included in IEEE Digital Library.