The International Workshop on AI-Driven Trust, Security and Privacy in Computer Networks (AI-Driven TSP 2024)

In conjunction with IEEE TrustCom 2024

17-21 Dec，2024, Sanya, China

The proliferation of digital systems and the exponential growth of data have necessitated a paradigm shift in the approach to cybersecurity. With the advent of artificial intelligence (AI), there is a burgeoning interest in leveraging its capabilities to enhance the security, trust, and privacy of computer networks. The International Workshop on AI-Driven Trust, Security and Privacy in Computer Networks (AI-Driven TSP 2024) will be held in conjunction with the 23nd IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom2024) on December 2024 in Sanya, Hainan, China. AI-Driven TSP 2024 is now soliciting high-quality research papers that address the challenges and opportunities in the field of trust, security and privacy in computer networks, driven by artificial intelligence (AI).

Topics of interest include, but are not limited to:

- AI-driven intrusion detection and prevention systems
- Machine learning for anomaly detection in network traffic
- Deep learning approaches to malware analysis and classification
- Blockchain technologies for secure communication
- Privacy-preserving AI algorithms and protocols
- Trust management systems using AI
- AI-assisted threat intelligence and risk assessment
- Secure multi-party computation and AI
- AI in the Internet of Things (IoT) security
- Case studies and empirical analyses of AI in cybersecurity
- Ethical AI Frameworks for Cybersecurity
- Future Directions in AI-Driven Cybersecurity

Important Dates

- Paper submission deadline: **before October 20st, 2024**
- Author notification: **November 1st, 2024**
- Final manuscript due: **November 15th, 2024**

Submission Instructions

Papers submitted to AI-Driven TSP 2024 should be written in English conforming to the [IEEE Conference Proceedings Format](#) (8.5" x 11", Two-Column). The paper should be submitted through the EDAS. 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/EI-indexed 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.

Program Co-Chairs

- Mingjun Wang , Xidian University, China

PC Members (In alphabetical order)

- Linlin Liang, Xidian University, China
- Gao Liu, Chongqing University, China
- Qipeng Song, Xidian University, China
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Contact

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