

*The 9th International Workshop on Privacy, data Assurance, Security
Solutions for Internet of Things (PASS4IoT 2024),
in conjunction with IEEE TrustCom-2024*

17-21 Dec 2024, Sanya, China



The Internet of Things (IoT) are unleashing the next wave of innovations due to its inherent capability of interconnecting everything in physical world. The IoT does have the massive potential of providing social and economic benefits, however, the privacy, data assurances, and security are main concerns in IoT, and many challenging issues need to be tackled quickly and effectively. One significant challenge is the exposed security and privacy concerns since the globally connected devices pose more hidden security and privacy risks. On the other hand, it is very difficult to deploy advanced cryptographic algorithms and protocols due to hardware constraints. To pave the way for a brighter Cloud-IoT future, many technological aspects need to be considered, such as data security, privacy, access control, information assurance, trust management, secure service interoperability, and mobility. This workshop is focusing on exploiting feasible ways of improving privacy, security, and data assurance in Cloud computing, IoT and promoting IoT applications.

- Privacy and security issues in IoT
- Physical-layer security
- Cyber-physical system
- SCADA system security
- Zero Trust Security in IoT
- Blockchain in IoT
- Lightweight cryptography for IoT
- Secure Machine-to-machine communications
- Intrusion detection and prevention
- Vulnerability, exploitation tools, Malware, Botnet, DDoS attacks
- Mobile security, Android security, and trusted devices
- Security metrics and performance evaluation, traffic analysis techniques
- Social, economic and policy issues of trust, security and privacy
- Security on low-power computing devices
- Trust establishment in IoT users
- Forensics in IoT

Paper Submission Guideline: Papers must be submitted electronically via EDAS (<https://edas.info/index.php?c=32661>). The length of the papers should not exceed 6 pages + 2 pages for over length charges. Distinguished papers selected from PASS4IoT 2024, after further extensions, will be recommended for submission and publication in Special Issues of SCI-indexed Journals.

Key Dates

Submission Deadline:	September 1, 2024
Author Notification:	October 15, 2024
Final Manuscript	Due: November 10, 2024
Registration Due:	November 10, 2024

Workshop Committee Member

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