The 10ᵗʰ IEEE International Conference on Privacy Computing and Data Security (PCDS-2024)

Denarau Island, Fiji, December 2-7, 2024

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Important Dates

Paper Submission Deadline: 15 July 2024
Authors Notification: 30 Aug 2024
Camera-ready Submission: 15 Oct 2024
Conference Date: 2-7 Dec 2024

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IEEE Computational Intelligence Society

IEEE CIS Smart World TC

IEEE HI-TC Huper Intelligence Technical Committee

TCSC IEEE

CALL FOR PAPERS

PCDS 2024 is the 10th of a conference series started in 2015, which is dedicated to research on privacy computing and data security. The conference provides a forum for researchers, engineers and practitioners in academia, industry and the public sector around the world to report latest research work and exchange ideas in all aspects of privacy computing and data security, including those for improving the efficiency, performance, reliability, and interoperability of privacy computing and data security systems.

PCDS 2024 follows the traditions of the previous successful PCDS 2023, held in Portsmouth, UK, and PriComp conferences series, held in Fuzhou, China (2015); Qingdao, China (2016); Melbourne, Australia (2017); Boppard, Germany (2018); Canterbury, UK (2019); Lingshui, China (2020); Xi'an, Shanghai, China (online, 2021); Haikou, China (2022). PCDS 2024 will be held in The Republic of Fiji. The conference is co-organized by the Institute of Information Engineering, Chinese Academy of Sciences, Xidian University, Shanghai Jiaotong University, Huazhong University of Science and Technology, Beijing University of Posts and Telecommunications.

IEEE PCDS 2024 Topics

Privacy Computing
- Theories and Foundations for Privacy Computing
- Programming Languages and Compilers for Privacy Computing
- Models, Metrics and Formalization of Privacy Computing
- Privacy Sensing
- Privacy Taxonomies and Ontologies
- Privacy Inference and Reasoning
- Privacy Operation and Primitives
- Data Analytics Oriented Privacy Control and Protection
- Privacy-Aware Information Collection
- Privacy-Preserving Data Publishing
- Deletion of Private Data
- Capability Assessment of Privacy Preserving
- Privacy for Social Networks, IoT, Web, Cloud, Location, Medical etc.

Data Security
- Confidential Computing
- Trust Computing
- Secure Multi-Party Computation
- Computation over Encrypted Data
- Cryptography based Privacy Protection
- Authentication
- Access Control
- Data Sharing Control
- Data Backup and Recovery
- Compliance Testing for Data Security
- Data Governance
- Data Rights
- Anonymous Communications and Censorship Resistance (e.g., Tor and VPN)
- Digital Forensics
- Data Usage Control

Co-located with Five Conferences as IEEE Smart World Conference 2024

- The 21st IEEE International Conference on Ubiquitous Intelligence and Computing (UIC 2024)
- The 21st IEEE International Conference on Autonomous and Trusted Computing (ATC 2024)
- The 2024 IEEE International Conference on Digital Twin (DigitalTwin 2024)
- The 2024 IEEE International Conference on Metaverse (Metaverse 2024)
- The 24th IEEE International Conference on Scalable Computing and Communications (ScalCom 2024)

  IEEE PCDS 2024 Website: https://www.ieee-smart-world.org/2024/PCDS/

Submission and Publication

- Main conference papers are limited to 8 pages (regular paper), or 6 pages (short paper), and 2-4 pages for a poster paper following the IEEE proceedings format, and are to be submitted as PDF via the site: https://edas.info/N30496 .

- Accepted conference papers will be published by IEEE (IEEE-DL and EI indexed). At least one author of each accepted paper is required to register and present their work at the conference. Best paper awards will be presented at the conference. Selected high quality papers will be nominated to publish at high-level journal, after further extensions and revisions.

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