The 1st International Workshop on Big Data Nexus: Security, Privacy, Trust, Applications and Legal Issues (BDNexus 2024)

In conjunction with

the 18th IEEE International Conference on Big Data Science and Engineering (BigDataSE-2024)

Sanya, China, 17-21 December 2024

Call For Papers

The 1st International Workshop on Big Data Nexus: Security, Privacy, Trust, Applications and Legal Issues (BDNexus 2024) aims to bring together researchers, practitioners, and industry experts to discuss the latest advancements and challenges in the field of big data. This workshop will be held in conjunction with the 18th IEEE International Conference on Big Data Science and Engineering (BigDataSE-2024) on December 2024 in Sanya, Hainan, China. The workshop seeks submissions from academia, industry, and government that present innovative research and applications in the realm of big data, with a particular focus on security, privacy, trust, and legal issues.

Topics of interest include, but are not limited to:

✧ **Big Data Applications:**
   Data-driven decision making
   Predictive analytics
   Real-time data processing
   Big data in healthcare, finance, and manufacturing

✧ **Security and Privacy:**
   Big data security architectures
   Data encryption and anonymization
   Privacy-preserving data mining
   Secure multi-party computation

✧ **Trust and Legal Issues:**
   Data governance and compliance
   Legal frameworks for data protection
   Ethical issues in big data analytics
   Trust management in big data systems;

✧ **Integration and Interoperability:**
   Big data integration with AI and IoT
   Interoperability between big data platforms
   Scalability and performance optimization

Important Dates

- Paper submission deadline: ~~September 15th, 2024~~ **(Extended to October 1st)**
- Author notification: ~~October 15th, 2024~~**(Extended to October 20th)**
- Final manuscript due: **November 10th, 2024**

Submission Instructions：

Papers submitted to BDNexus 2024 should be written in English conforming to the <u>IEEE Conference Proceedings Format</u> (8.5" x 11", Two-Column). The paper should be submitted through the EDAS paper submission system: https://edas.info/newPaper.php?c=32823 . The length of the papers should not exceed 6 pages + 4 pages for over length charges.

Accepted and presented papers will be included into the IEEE Conference Proceedings published by IEEE 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 after the conference.

Program Co-Chairs：

Wenxiu Ding, Xidian University, China

Qiao Liu, Xidian University, Tarim university, China

Yu Zheng, Xidian University, China

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