



BigCyberSecurity 2024

The 6th IEEE International Workshop on Big Data Analytics for Cyber Security and Defence

CALL FOR PAPERS

As cyber attacks escalate in frequency and complexity, incidents of information leaks and security breaches are becoming more common, leading to substantial financial losses and other detrimental effects. Cyber-attacks are becoming more sophisticated and challenging to detect and counter. Big data analytics offers a promising solution to this challenge, as it is effective in examining and detecting irregularities and abnormal patterns. Big data analytics for cybersecurity and defense involves the ability to collect and gather massive amounts of data from multiple sources (e.g., the Internet, network traffic, and online social networks), the ability to identify, analyze, and validate security vulnerabilities, and the ability to predict, detect, and stop cyber attacks. The goal of the workshop is to bring together a community of researchers and practitioners who study problems at the intersection of cyber science, data science, security, and network science.

TOPICS:

Workshop suggested topics include, not exhaustively, empirical and theoretical studies of the following:

- System security
- IoT security
- Network security
- Hardware security
- Mobile and cloud computing security
- Social network security
- Anomaly & Intrusion Detection
- Data-driven security and measurement studies

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In conjunction with The 9th
IEEE Cyber Science and
Technology Congress
(CyberSciTech 2024)
5–8 Nov, 2024 – Boracay
Island, Malay, Philippines

Important Dates

Submission Due: Aug 15, 2024
Authors Notification: Sep1, 2024
Camera-ready: Sep 27, 2024

Submission:

All accepted papers will be published by IEEE in Conference Proceedings (IEEE-DL and EI indexed).