

FCS 2024

The Seventh International Conference on Frontiers in Cyber Security

<https://fcs2024.github.io/>

August 23-25, 2024
Chongqing, P.R.



The Seventh International Conference on Frontiers in Cyber Security (FCS 2024) will be co-organized by the School of Computer Science, Chongqing University and Zhengzhou University of Light Industry. It will be held in Chongqing, P.R. China from August 23 to August 25, 2024. The cyber security is paid more and more attention by industry and academia. New cyber security technologies are emerging. Many universities and institutions have set up the research center or school for cyber security. Both government and enterprises are strongly supporting teaching and research in the cyber security. However, how to carry out research and education on cyber security is inexperienced. How to run the center for cyber security is also worth exploring since new center usually involves many departments. The FCS conference provides a good platform for researchers and practitioners to exchange the latest research results in cyber security. The conference proceedings will be published by Springer Communications in Computer and Information Science (CCIS) which is indexed by EI. Original papers on all these aspects are solicited for submission to FCS 2024:

System security

- Operating systems security
- Web security
- Mobile systems security
- Distributed systems security
- Cloud computing security

Network security

- Intrusion and anomaly detection and prevention
- Network infrastructure security
- Denial-of-service attacks and countermeasures
- Wireless security

Applications of cryptography

- Analysis of deployed cryptographic protocols
- Cryptographic implementation analysis
- Cryptography with real-world applications

Instruction for Authors

Authors are invited to submit original papers written in English. Each paper must not appear in any other conferences with proceedings or any journal. The submission must be anonymous, with no author names, affiliations, acknowledgements, or obvious references. Original contributions are invited up to 16 pages in length (single column) excluding appendices and bibliography and up to 20 pages in total, using at least 11-point fonts and with reasonable margins. It is highly recommended to prepare the papers in the Springer LNCS format <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>. Only PDF files will be accepted. If accepted, one of the authors is expected to present the paper at the conference. Papers must be submitted through <https://easychair.org/conferences/?conf=fcs2023>

Organization Committee

Steering Chairs

- Robert H.Deng, Singapore Management University, Singapore
- Xiaosong Zhang, UESTC, China
- Xiaofeng Liao, Chongqing University, China
- Hongwei Li, University of Electronic Science and Technology of China, China

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- Tianwei Zhang, Nanyang Technological University, Singapore

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- Min Huang, Zhengzhou University of Light Industry, China

Local Chairs

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- Zheng Yang, Southwest University, China
- Ning Wang, Chongqing University, China

Privacy

- Privacy metrics
- Anonymity
- Web and mobile privacy
- Privacy-preserving computation
- Privacy attacks

Machine learning security and privacy

- Machine learning applications to security
- Machine learning privacy issues and methods
- Adversarial machine learning
- Language-based security

Usable security and privacy

- User studies related to security and privacy
- Human-centered security and privacy design

Security analysis

- Malware analysis
- Analysis of network and security protocols
- Attacks with novel insights, techniques, or results
- Forensics and diagnostics for security
- Program analysis

Hardware security

- Secure computer architectures
- Embedded systems security
- Methods for detection of malicious hardware
- Side channels

Data-driven security

- Measurements of fraud, malware, spam
- Measurements of human behavior and security

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- Di Zhang, Chongqing Univeristy, China
- Deqiang Ouyang, Chongqing University, China

Important Dates

- Paper Submission Due: **Apr 21, 2024**
- Acceptance Notification: Mar 19, 2024
- Camera Ready Due: Mar 31, 2024
- Conference Date: Aug 23-25, 2024

SPECIAL ISSUES

Presented papers will be considered for publication in some Special Issues in International Journals.

- Computer Communications
- Applied Sciences
- Journal of Information Security and Applications
- Journal of Systems Architecture

Conference Website

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