

# FCS 2023

The Sixth International Conference on Frontiers in Cyber Security

August 23-25, 2023  
Chengdu, P.R. China



The Sixth International Conference on Frontiers in Cyber Security (FCS 2023) will be held in Chengdu, P.R. China from August 23 to August 25, 2023, organized by Cyber Security School, University of Electronic Science and Technology of China (UESTC). 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 2023:

## System security

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

## Privacy

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

## Security analysis

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

## Network security

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

## Machine learning security and privacy

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

## Hardware security

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

## Applications of cryptography

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

## Usable security and privacy

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

## Data-driven security

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

## 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

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## Important Dates

- Paper Submission Due: Jun 3, 2023
- Acceptance Notification: Jul 10, 2023
- Camera Ready Due: Jul 31, 2023
- Conference Date: Aug 23-25, 2023

## SPECIAL ISSUES

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

- Journal of System Architecture
- Security and Communication Networks
- Applied Science

## Conference Website

<https://fcs2023.github.io/>

