

FCS 2023

The Sixth International Conference on Frontiers in Cyber Security

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

August 24-26, 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 24 to August 26, 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

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>

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

Organization Committee

Steering Chairs

- Xiaosong Zhang, UESTC, China
- Tsuyoshi Takagi, The University of Tokyo, Japan
- Hyunsung Kim, Kyungil University, Korea

General Chairs

- Hongwei Li, UESTC, China
- Jianbing Ni, Queen's University, Canada

Program Chairs

- Haomiao Yang, UESTC, China
- Rongxing Lu, University of New Brunswick, Canada

Local Chairs

- Pin Yang, Sichuan University, China
- Xiaohu Tang, Southwest Jiaotong University, China
- Yimin Zhou, CUIT, China

Publicity Chairs

- Guangquan Xu, Tianjin University, China
- Emmanuel Ahene, KNUST, Ghana
- Alzubair Hassan, University College Dublin, Ireland
- Mohammad Zulkernine, Queen's University, Canada

Publications Chairs

- Fagen Li, UESTC, China
- Xiaofen Wang, UESTC, China

Financial Chair

- Xiaolei Zhang, UESTC, China

Web Chair

- Dongyun Xue, UESTC, China

Important Dates

- Paper Submission Due: **Jun 10, 2023**
- Acceptance Notification: Jul 15, 2023
- Camera Ready Due: Jul 31, 2023
- Conference Date: Aug 24-26, 2023

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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