

The 4th International Conference on Science of Cyber Security (SciSec 2022)

August 10-12, 2022 | Matsue city, Shimane, Japan



INTRODUCTION

The 4th International Conference on Science of Cyber Security will be held August 10-12, 2022 in Matsue city, Shimane, Japan, organized by the university of AIZU. This new forum was initiated in 2018 and aims to catalyze the research collaborations between the relevant communities and disciplines that can work together to deepen our understanding of, and build a firm foundation for, the emerging Science of Cyber Security. Publications in this venue would distinguish themselves from others by taking or thinking from a holistic perspective about cyber security, rather than a building-block perspective. Each submission will be reviewed by at least 3 reviewers.

- ★ Accepted paper will be published in Springer's Lecture Notes in Computer Science (LNCS) series and indexed by EI.
- ★ SciSec is on the list of international conferences recommended by IIE (IIE_C).
- ★ A best student paper award and A best paper award.

TOPICS OF INTEREST

The conference solicits high-quality, original research papers that can justifiably help achieve the ultimate Science of Cyber Security. Topics of interest include, but are not limited to:

- Cybersecurity Dynamics
- Cybersecurity Metrics and Their Measurements
- First-principle Cybersecurity Modeling and Analysis
- Cybersecurity Data Analytics
- Quantitative Risk Management for Cybersecurity
- Big Data for Cybersecurity
- Artificial Intelligence for Cybersecurity
- Machine Learning for Cybersecurity
- Economics Approaches for Cybersecurity
- Social Sciences Approaches for Cybersecurity
- Statistical Physics Approaches for Cybersecurity
- Complexity Sciences Approaches for Cybersecurity
- Experimental Cybersecurity
- Macroscopic Cybersecurity
- Statistics Approaches for Cybersecurity
- Human Factors for Cybersecurity
- Compositional Security
- Biology-inspired Approaches for Cybersecurity
- Synergetics Approaches for Cybersecurity

Important Dates ★

- Paper Submission: 25 April, 2022
Notification of Acceptance: 15 June, 2022
Camera-ready: 30 June, 2022
Conference Dates: 10-12 August, 2022

COMMITTEES

Steering Committees

- Guoping Jiang (NJUPT, China)
Feng Liu (IIE, CAS, China)
Shouhuai Xu (UCCS, USA)
Moti Yung (Google and Columbia University, USA)

General Co-Chairs

- Feng Liu (IIE, CAS, China)
Akihito Nakamura (University of Aizu, Japan)

PC Co-Chairs

- Chunhua Su (University of Aizu, Japan)
Kouich Sakurai (Kyushu University, Japan)

Workshop Chair

- Kazumasa Omote (University of Tsukuba, Japan)

Organizing Chair

- Na Ruan (Shanghai Jiaotong University, China)

Publicity Chair

- Guenvere Chen (UTSA, USA)
Habtamu Abie (Norwegian Computing Center, Norway)
Guen Chen (University of Texas at San Antonio, USA)
Noseong Park (George Mason University, USA)
Chunhua Su (University of Aizu, Japan)
Jia Xu (NJUPT, China)
Fei Yan (Wuhan University)
Xiaofan Yang (Chongqing University, China)
Jeong Hyun Yi (Soongsil University, Korea)
James Zheng (Macquarie University, Australia)

Keynote Speakers

TBA

Contacts ★

chsu@u-aizu.ac.jp

Website: www.scisec.org

Please refer to the website for more information. If you have any questions, please do not hesitate to contact us!