

The 2nd International Conference on Science of Cyber Security (SciSec 2019)

August 09-11, 2019 Nanjing, China Website: www.sci-cs.net



INTRODUCTION

The 2nd International Conference on Science of Cyber Security (SciSec'2019) will be held August 9-11, 2019 in Nanjing, China. The conference is organized by the Nanjing University of Posts and Telecommunications. 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. The program committee plans to select and award a Best Paper. The post-conference proceedings will be published in Springer's Lecture Notes in Computer Science (LNCS) series. Selected papers from the ones published in the post-conference proceedings will be invited to submit to a special issue of the Information Systems Frontier journal (pending official approval), which requires substantial new materials and has its own review process.

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 (e.g., Dynamical Systems, Control-Theoretic, and Game-Theoretic Modeling)
- 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

SUBMISSION GUIDELINES

Submissions must be written in English and in the PDF format. Submissions should be made anonymous (i.e., no author names and affiliations information). The length limit is 15 pages (everything included). Authors should use Springer's template which is available at <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>. Submission of a paper is regarded as a commitment that at least one of its authors will register and attend the conference to present the work.

IMPORTANT DATES

Paper Submission Deadline: May 1 2019

Notification of Acceptance: June 22, 2019

Pre-conference version due: August 5, 2019

Conference dates: August 09-11, 2019

Post-conference Camera-Ready Version due: September 5, 2019

COMMITTEES

General Chair

Guo-Ping Jiang (Nanjing University of Posts and Telecommunications, China)

PC Co-Chairs

Feng Liu (Institute of Information Engineering, Chinese Academy of Sciences, China)

Jia Xu (Nanjing University of Posts and Telecommunications, China)

Shouhuai Xu (University of Texas at San Antonio, USA)

Moti Yung (Google and Columbia University, USA)

Organization Committee Chair

Geng Yang (Nanjing University of Posts and Telecommunications, China)

Publicity Co-Chairs

Habtmu Abie (Norwegian Computing Center, Norway)

Guen Chen (University of Texas at San Antonio, USA)

Wenlian Lu (Fudan University, China)

Sheng Wen (Swinburne University of Technology, Australia)

Xiaofan Yang (Chongqing University, China)

Web Chair

Yaqin Zhang (Institute of Information Engineering, Chinese Academy of Sciences, China)

Guest Editors for Information Systems Frontiers Special Issue

Jingguo Wang (University of Texas at Arlington, USA)

Shouhuai Xu (University of Texas at San Antonio, USA)

CONFERENCE SITE

Site: Jiangsu Jinjiang Nanjing Hotel

Address: No.259, Zhongshan North Road, Gulou District, Nanjing, Jiangsu Province, China.

CONTACTS

E-mail: Feng Liu	liufeng@iie.ac.cn
Jia Xu	xujia@njupt.edu.cn
Shouhuai Xu	shouhuai.xu@utsa.edu