Title:

Cyberspace Security Governance.

Abstract:

At present, human society has entered the era of the network. Computer and Internet have been closely related to the daily work, study and life of every people. Human society is now in a period of the historical leap, from a highly industrialized era to the era of computer networks. Today, with the rapid development of computer technology and network communication technology, computers and networks are entering every corner of human society at an alarming speed. While the network benefits are compelling, its unique attributes also raise many security and privacy challenges in areas such as communication security, cybercrime, privacy, information disclosure, trusted computing, as well as legal issues in areas such as forensics, auditing, and many others. To implement the cyberspace security governance is extremely urgent.

The interest of this workshop is consists of cyberspace security governance, such as cyberspace security governance technology, electronic data forensics technology, steganography, anonymous communication and so on. This workshop will provide a platform for professionals from academia, government, and industry to discuss novel ways to address security challenges in cyberspace. We seek submissions describing theoretical and practical solutions to security challenges in cyberspace security governance.

Scope and Topics:

Potential topics include but are not limited to:
◇Network Forensics
◇Cyberspace Security Governance Technology
◇Electronic Data Forensics Technology
◇Steganography
◇Cloud Forensics and Security Auditing
◇Security and Privacy of Communication in Federated Clouds and Edge Computing
◇Security and Privacy of Communication in Fog Computing
◇AI applications in Detection, Prevention and Response of Cyber Attacks
◇Cyber-Physical Systems Security
◇Applications of Formal Methods to Communication Security in IoT
◇Critical Infrastructure Security
◇Intrusion Detection Powered by AI
◇Security of Industrial Network
◇Machine Learning in Cyberspace Security
◇Cyber Threat Intelligence
◇Distributed Denial of Service Attacks and Defences
◇Web and Systems Security
◇Communication Privacy and Anonymity
◇Real-time Detection and Reverse Tracking of Malicious Network Traffic

Program Committee Chairs:

Qun Wang, Jiangsu Police Institute, China
Email: wangqun@jspi.edu.cn
Qun Wang received Ph.D. degree in Computer Science and Engineering from Nanjing University of Science & Technology, Nanjing China in 2016. He is currently an Professor with Jiangsu Police Institute. His research interests include network space security, network architecture and protocols, etc.

Liang Zhang, Jiangsu Police Institute, China
Email: liangzhang@jspi.edu.cn
Liang Zhang is currently a teacher with Jiangsu Police Institute. His research interests include network space security, network architecture and protocols, etc.

Lingling Xia, Jiangsu Police Institute, China
Email: linlinxia@jspi.edu.cn
Linlin Xia is currently a teacher with Jiangsu Police Institute. Her research interests include big data, network space security and protocols, etc.

Jie Xu, Jiangsu Police Institute, China
Email: xujeip@163.com
Jie Xu is currently a teacher with Jiangsu Police Institute. His research interests include network space security, network architecture and parallel computing, etc.

Program Committee:

Qian Zhou, Nanjing University of Post and Telecommunications, China
Xueli Ni, Jiangsu Police Institute, China
Yuqi Chen, Jiangsu Police Institute, China
Xiaoqian Liu, Jiangsu Police Institute, China
Jiaying Liu, Jiangsu Police Institute, China
Chenchen ZhuGe, Jiangsu Police Institute, China