



**Call for Papers for
Communication & Information System Security Symposium**

Symposium Co-Chairs

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Submissions must be done through EDAS at <http://edas.info/N20951>

Scope and Motivation

Over the past few decades, we have witnessed that the security issues are becoming more and more important in communication and information systems. Recent analysis shows that the global market for cyber security is about 100 billion US dollars in 2014 and it could expand to a few hundred billion US dollars in the next five years.

To address the concerns from both academia and industry, this symposium is calling for original manuscripts that address any security aspects in communication and information systems, from the fundamental algorithm and protocol, to complex cyber system. For these systems, various criteria can be focused on, such as confidentiality, integrity, availability, privacy, etc., and different steps in the whole design, deployment and operation process can be considered, including the modeling, optimization, implementation, evaluation, management, etc.

Main Topics of Interest

The Communication & Information Systems Security Symposium seeks original contributions in the following topical areas, and any other closely related areas:

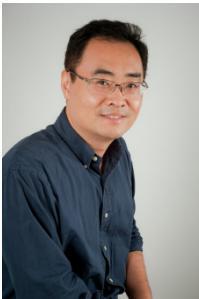
- Anonymous communication, metrics and performance
- Attack, detection and prevention
- Authentication protocols and key management
- Availability and survivability of secure services and systems
- Biometric security: technologies, risks, vulnerabilities, bio-cryptography, mobile template protection
- Cloud, data center and distributed systems security
- Computer and network forensics
- Cryptography for network security
- Cyber security
- Digital rights management
- Firewall technologies
- Formal trust models, security modeling, and design of secure protocols
- Information systems security and security management
- Internet security and privacy
- Malware detection and damage recovery
- Network security metrics and performance
- Operating systems and application security
- Physical security and hardware/software security
- Privacy and privacy-enhancing technologies
- Security and privacy for mobile and wireless networks
- Security for cloud computing and networking
- Security for mobile and wireless networks

- Security for next-generation networks
- Security in virtual machine environments
- Security tools for communication and information systems
- Trustworthy computing
- Wired systems and optical network security

Co-Chairs Biographies



Dr. Kejie Lu is an Associate Professor in the Department of Electrical and Computer Engineering, University of Puerto Rico at Mayaguez. He is also an Oriental Scholar with Shanghai University of Electric Power. His research interests include architecture and protocols design for computer and communication networks, performance analysis, network security, and wireless communications. Dr. Kejie Lu is an Exemplary Editor for IEEE Communications Surveys & Tutorials, and he is a senior member of IEEE.



Dr. Yu Cheng is an Associate Professor in Electrical and Computer Engineering Department, Illinois Institute of Technology. His research interests include next-generation networks and network security. He received a Best Paper Award from IEEE ICC 2011 and a Best Paper Runner-Up Award from ACM MobiHoc 2014. He received the NSF CAREER AWARD in 2011. He is an Associated Editor for IEEE Transactions on Vehicular Technology and the New Books & Multimedia Column Editor for IEEE Network.