Call for Papers for
Communication & Information System Security Symposium

Scope and Motivation:

As communication and information systems become more indispensable to the society, their security has also become extremely critical. This symposium welcomes manuscripts on all aspects of the modeling, design, implementation, deployment, and management of security algorithms, protocols, architectures, and systems. Furthermore, contributions devoted to the evaluation, optimization, or enhancement of security and privacy mechanisms for current technologies, as well as devising efficient security and privacy solutions for emerging areas, from physical-layer technology up to cyber security, are solicited.

Main Topics of Interest:

The Communication & Information Systems Security Symposium seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- 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

Sponsoring Technical Committees:

- Communications and Information Security Technical Committee
- Communications Software Technical Committee

How to Submit a Paper:

The IEEE Globecom 2015 website provides full instructions on how to submit papers. You will select the desired symposium when submitting. **The paper submission deadline is April 15, 2015 (extended).**

Symposium Co-Chairs:

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Biographies:

Dr. Yang Yang is currently a Professor with the School of Information Science and Technology, ShanghaiTech University, and the Director of Shanghai Research Center for Wireless Communications (WiCO). Prior to that, he has served Shanghai Institute of Microsystem and Information Technology (SIMIT), Chinese Academy of Sciences, as a Professor; the Department of Electronic and Electrical Engineering at University College London (UCL), United Kingdom, as a Senior Lecturer; the Department of Electronic and Computer Engineering at Brunel University, United Kingdom, as a Lecturer; and the Department of Information Engineering at The Chinese University of Hong Kong as an Assistant Professor.

Yang Yang received the BEng and MEng degrees in Radio Engineering from Southeast University, Nanjing, P. R. China, in 1996 and 1999, respectively; and the PhD degree in Information Engineering from The Chinese University of Hong Kong in 2002. His general research interests include wireless ad hoc and sensor networks, wireless mesh networks, next generation mobile cellular systems, intelligent transport systems, and wireless testbed development and practical experiments.

Peter Mueller joined IBM Research as a Research Staff Member in 1988. His research expertise covers broad areas of distributed computing systems architecture, microwave technology, device physics, nano science and modeling. His current field of research is in the areas of data center storage security and reliability and the high frequency technology.

Peter is a founding member and was the Chair of the IEEE ComSoc Communications and Information Systems Security Technical Committee (CIS-TC). In the course of his carrier he authored and co-authored more than 100 papers, 2 books, granted 10 patents and served as guest editor for many special issue publications. He also served as a government counsel and as organizer for numerous international conferences and workshops. His affiliations include active society membership in IEEE, where he is Senior Member; the Society for Industrial and Applied Mathematics (SIAM); the Electrochemical Society (ECS); and the Swiss Physical Society (SPS).

TPC Members

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