

COMMUNICATION AND INFORMATION SECURITY SYMPOSIUM (CIS Symposium)

1. Symposium Co-Chairs:

Yi Qian, University of Nebraska -Lincoln, USA. Email: yqian@ieee.org

Xinwen Fu, University of Massachusetts Lowell, USA. Email: xinwenfu@cs.uml.edu

Kui (Quinn) Ren, Illinois Institute of Technology, USA. Email: kui.ren@iit.edu

Dijiang Huang, Arizona State University, USA. Email: dijiang@asu.edu

2. Symposium scope and motivation

With the advent of pervasive computer applications and due to the proliferation of heterogeneous wired and wireless computer and communication networks, security, privacy and trust issues have become paramount. This Symposium will address 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 to the application layer, are solicited. A submitted paper should present high-quality and previously unpublished work, and should not be submitted to other conferences or journals in the same time.

3. Topics of Interest

Authentication protocols and message authentication

Biometric security: technologies, risks, vulnerabilities, bio-cryptography, mobile template protection

Cloud computing security Computer and network forensics

Cryptanalysis

DDOS attacks, DNS spoofing, intrusion, localization and countermeasures

Digital right management: information hiding, watermarking, fingerprinting, and traitor tracing scheme

Formal trust models, security modeling and protocol design

Information systems security and security management

Mobile and Wireless network security, including ad hoc networks, P2P networks, 3G, 4G, sensor networks, Bluetooth, 802.11 family and WiMAX

Network security metrics and performance

Operating systems and application security and analysis tools

Optical network security

Physical security and hardware/software security

Privacy and privacy enhancing technologies

Public-key, symmetric-key, applied crypto, coding-based cryptography,

Quantum cryptography

Smart Grid Security

Virtual private networks

VoIP, IPTV, DAB, and other multimedia security

Vulnerability, exploitation tools and virus analysis

Web, eBusiness, eCommerce, eGovernment security

4. Technical Program Committee

Sudhir Aggarwal, Florida State University, USA

Ala Al-Fuqaha, Western Michigan University, USA

Dhiman Barman, Juniper Networks, USA

Raheem Beyah, Georgia State University, USA

Fernando Boavida, University of Coimbra, Portugal

Giovanni Bordini, University of Rome "Tor Vergata", Italy

Rajendra Boppana, University of Texas at San Antonio, USA

Ioannis Broustis, University of California, Riverside, USA

Hasan Cam, Arizona State University, USA

Jiannong Cao, Hong Kong Polytechnic University, China

Yu Chen, State University of New York – Binghamton, USA
Songqing Chen, George Mason University, USA
Yu Cheng, Illinois Institute of Technology, USA
Xiuzhen Cheng, George Washington University, USA
Changho Choi, Cisco Systems, Inc., USA
Jing Deng, University of North Carolina at Greensboro, USA
Liping Ding, Chinese Academy of Sciences, China
Xiaojiang Du, Temple University, USA
Zhenhai Duan, Florida State University, USA
Arjan Duresi, Indiana University Purdue University Indianapolis, USA
Mario Freire, University of Beira Interior, Portugal
Shengli Fu, University of North Texas, USA
Guang Gong, University of Waterloo, Canada
Manimaran Govindarasu, Iowa State University, USA
Guofei Gu, Texas A&M University, USA
Qijun Gu, Texas State University-San Marcos, USA
Yong Guan, Iowa State University, USA
Zhu Han, University of Houston, USA
Pin-Han Ho, University of Waterloo, Canada
Jiankun Hu, RMIT University, Australia
Fei Hu, University of Alabama, USA
Rose Qingyang Hu, Utah State University, USA
Chin-Tser Huang, University of South Carolina, USA
Nen-Fu Huang, National Tsing Hua University, Taiwan
Di Jin, General Motors, USA
Yoshito Kanamori, University of Alaska at Anchorage, USA
Loukas Lazos, University of Arizona, USA
Jie Li, University of Tsukuba, Japan
Tongtong Li, Michigan State University, USA
Wei Li, Victoria University, New Zealand
Xiaodong Lin, University of Ontario Institute of Technology, Canada

Zhijun Liu, Cisco Systems, USA
Huadong Ma, Beijing University of Posts and Telecommunications, China
Liran Ma, Texas Christian University, USA
Ashraf Matrawy, Carleton University, Canada
Claudio Mazzariello, Federico II University of Napoli, Italy
Suat Ozdemir, Gazi University, Turkey
Jianping Pan, University of Victoria, Canada
Stefano Paraboschi, University of Bergamo, Italy
Raphael Phan, Loughborough University, UK
Vincenzo Piuri, University of Milan, Italy
Erwin Rathgeb, University Duisburg-Essen, Germany
Peter Reiher, UCLA, USA Jian Ren, Michigan State University, USA
Simon Pietro Romano, University of Napoli Federico II, Italy
Bo Rong, Communications Research Center Canada, Canada
Vassil Roussev, University of New Orleans, USA
Lifeng Sang, The Ohio State University, USA
Nitesh Saxena, Polytechnic Institute of New York University, USA
Yue Shang, The MathWorks, USA
Zhijie Shi, University of Connecticut, USA
Jing Shi, New Jersey Institute of Technology, USA
SeongHan Shin, AIST, Japan
Sabrina Sicari, Università degli Studi dell'Insubria, Italy
Sejun Song, Texas A&M University, USA
Aaron Striegel, University of Notre Dame, USA
Jinyuan (Stella) Sun, University of Tennessee, USA
Guanglu Sun, Tsinghua University, China
Keisuke Takemori, KDDI R&D Laboratories Inc., Japan
Guillaume Urvoy-Keller, University of Nice Sophia-Antipolis, France
Pramode Verma, The University of Oklahoma, USA
Giacomo Verticale, Politecnico di Milano, Italy
Zhiguo Wan, Tsinghua University, China

Haining Wang, College of William and Mary, USA
Lingyu Wang, Concordia University, Canada
Weichao Wang, University of North Carolina at Charlotte, USA
Xinyuan Wang, George Mason University, USA
Guilin Wang, University of Wollongong, Australia
Shujing Wang, Chinese Academy of Sciences, China
Feng Wang, Arizona State University, USA
Honggang Wang, University of Massachusetts Dartmouth, USA
Wei Wang, South Dakota State University, USA
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Qianhong Wu, Universitat Rovira i Virgili, Spain
Yang Xiang, Deakin University, Australia Yang Xiao, The University of Alabama, USA
Bin Xiao, The Hong Kong Polytechnic University, China
Gaoxi Xiao, Nanyang Technological University, Singapore
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Wenyuan Xu, University of South Carolina, USA
Yibo Xue, Tsinghua University, China
Guanhua Yan, Los Alamos National Laboratory, USA
Hao Yang, Nokia Research Center, USA
Danfeng Yao, Rutgers University, USA
Alec Yasinsac, University of South Alabama, USA
Fan Ye, IBM T. J. Watson Research Center, USA
Jae-Seung Yeom, Virginia Tech, USA
Seong-Moo Yoo, University of Alabama-Huntsville, USA
Ming Yu, Florida State University, USA Wei Yu, Towson University, USA
Shucheng Yu, University of Arkansas at Little Rock, USA
Chuan Yue, University of Colorado at Colorado Springs, USA
Rui Zhang, Arizona State University, USA

Chi Zhang, University of Florida, USA

Wensheng Zhang, Iowa State University, USA

Zhenyu Zhong, Mcafee, USA

Jiazhen Zhou, Howard University, USA

Wen Tao Zhu, Graduate University of Chinese Academy of Sciences, China

Ying Zhu, Georgia State University, USA

Ye Zhu, Cleveland State University, USA

Cliff Zou, University of Central Florida, USA