

Call for papers

Communications and Information Security Symposium, ICNC 2014

Honolulu, Hawaii, USA, February 3-6, 2014

<http://www.conf-icnc.org/2014>

Symposium Co-chairs

Shui Yu, Deakin University, Australia,
Email: syu@deakin.edu.au.

Kai Zheng, IBM China Research Lab, China
Email: zhengkai@cn.ibm.com.

Yi Xie, Sun Yat-sen University, China,
Email: xieyi5@mail.sysu.edu.cn

Scope

Security become more critical and challenging in communications and networking systems when many contents, devices and users get connected to the Internet in these days, and this trend will continue in the future. The theme of this symposium focuses on all security-related issues in communications and systems including wired/wireless communication infrastructure, networking protocols, and service/application system platforms. The Communications and Information Security Symposium solicits original and unpublished contributions in, but not limited to, the following topical areas:

- Security and privacy in Big Data
 - Intrusion Detection for Big Data Networks
 - Phishing in Big Data network
 - Enhanced Security Capabilities for Big Data Environment
 - Visualizing Large Scale Security Data
 - Managing User behavior in a Big Data Environment
 - Privacy Threats of Big Data
 - Large Scale Forensics via Big Data
 - Threat Detection using Big Data Analytics
 - Security Analytics in the Virtual Environment and the Real World
- Security and privacy in cloud computing
- Security and privacy in social networks
- Security and privacy in computer networks
- Security and privacy in optical networks
- Security and privacy in mobile cellular networks
- Security in mobile ad hoc networks
- Security and privacy in vehicular networks
- Security and privacy in wireless sensor networks
- Security in smart grid and powerline communications
- Security and privacy in Data Center Networking
- Security and privacy in Software Defined Networking
- Embedded System Security
- SCADA security
- Security and privacy in Internet of Things
- RFID security and privacy
- Secure multimedia communications
- Secure social network services
- Physical layer security
- Secure MAC protocols

- Secure routing, transport and application protocols
- Network and information forensics

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2014/>. Papers are required to be submitted via EDAS Paper Processing System: <http://edas.info/N14501>; authors have to determine which symposium to submit the paper to. More description on each symposium of ICNC 2014 can be found at the webpage: <http://www.conf-icnc.org/2014/cfp.htm>, and the authors can also submit paper there via the direct weblink to EDAS paper submission page.

Short biography of co-chairs

Shui Yu received his B.Eng (Electronic Engineering) and M.Eng (Computer Science) degree from University of Electronic Science and Technology of China, P. R. China in 1993 and 1999, respectively. He also obtained an Associate Degree in Mathematics from the same university in 1993. He received his PhD (Computer Science) from Deakin University, Melbourne, Australia, in 2004. He is currently a Senior Lecturer of the School of Information Technology, Deakin University, Australia. Dr Yu is active in research services in various roles. He was guest editors for a few special issues, and services the editor board of two international journals. He is also involved in organizing international conferences as various roles, such as Trustcom 2012, ICNC 2012, UbiSafe 2011. He services as TPC member for international conferences, such as INFOCOM 2014, 2013, 2012, and AINA2012. Dr Yu's current research interests include network security, privacy and forensics, networking theory, and mathematical modeling. He targets on narrowing the gap between theory and applications using mathematical tools. He has been publishing papers in high quality papers, such as IEEE Transactions of Parallel and Distributed Systems, IEEE Transaction on System, Man, and Cybernetics, Part B, IEEE Transactions on Vehicular Technology, the Computer Journal, and IEEE Communications Letters.

Kai Zheng received his B.Eng (Electronic Engineering) degree from Beijing University of Posts and Telecommunications, Beijing, China, in 2001. M.Eng degree and Ph.D in Computer Science from Tsinghua University, Beijing, China, in 2003 and 2006, respectively. He Joined IBM Research China at July 2006. And now he is a Senior Research Staff Member in system architecture. Dr. Zheng's current research interests include Data Centre Networking (highly scalable network arch, software defined networking, green networking), network security and Multimedia Codec. He has been publishing papers in high quality publications, such as IEEE/ACM Transactions on Networking, IEEE Transactions on Computer, IEEE Journal on Selected Area of Communication (J-SAC), Proceedings of IEEE INFOCOM, and ACM OOPSLA.

Yi Xie received his B.S. degree, M.S. degree and Ph.D. degree from Sun Yat-Sen University, Guangzhou, China. From July 1996 to July 2004, he worked at Civil Aviation Administration of China. He was a visiting scholar at George Mason University during 2007 and 2008. In 2009, he received the Outstanding Doctoral Dissertation Award of China Computer Federation (CCF). He is currently a teacher at the School of Information Science and Technology in Sun Yat-Sen University, China. He has presided over three research projects including National Natural Science Foundation of China (NSFC), Doctoral Fund of Ministry of Education of China, and the Fundamental Research Funds for the Central Universities. His recent research interests focus on communication networks, security and network behavior. He has been publishing papers in high quality publications, such as IEEE/ACM Transactions on Networking, IEEE Transactions of Parallel and Distributed Systems, Elsevier Computer communications, Oxford Computer journal and so on.