Title:

Big Data Intelligence and Security

Abstract:

With the tide of information revolution rising and the explosion of data and information, "big data" has been derived. Its research has promoted the rapid development of information storage, information mining, network application and computing technology. Big data has become a national basic strategic resource and an innovative production factor, and its strategic value and asset value have risen sharply.
At the same time big data is a double-edged sword, and it has brought unprecedented new security problem. Security of sensitive data has become a top priority to big data application security. Big data operating environment involves the network, host, application, computing resources, storage resources and other levels, so it needs to have a multi-area security tools. This workshop aims to exchange the latest research results and progress of the safety and application of big data both at home and abroad, and provide a platform for exchange between researchers in the industry and academia.

Scope and Topics:

This workshop encourages submissions on both theoretical technologies and practical applications. Topics of interests include but are not limited to the following aspects:

- ✧ Intelligent computing in big data
- ✧ Intelligent system and security in big data
- ✧ Digital forensics in big data
- ✧ Information hiding in big data
- ✧ Mobile Security in big data
- ✧ Big data-aware security
- ✧ Big data security storage
- ✧ Big data security search
- ✧ Big data processing
- ✧ Big data intelligence analysis
- ✧ Big data and cloud computing
- ✧ Big data and IOT
- ✧ Big data and data space
- ✧ Big data in education and other industries

Program Committee Chairs:

Xinwen Fu, University of Central Florida, USA
Bio:

Dr. Xinwen Fu is an associate professor in the Department of Computer Science, University of Central Florida. He received B.S. (1995) and M.S. (1998) in Electrical Engineering from Xi'an Jiaotong University, China and University of Science and Technology of China respectively. He obtained Ph.D. (2005) in Computer Engineering from Texas A&M University. Dr. Fu's current research interests are in network security and privacy, network forensics, computer forensics, information assurance, system reliability and networking QoS.

Zhangjie Fu, Nanjing University of Information Science and Technology, China
Dr. Zhangjie Fu received his PhD in computer science from the College of Computer, Hunan University, China, in 2012. He is currently an Associate Professor at School of Computer and Software, Nanjing University of Information Science and Technology, China. He was a research fellow of Computer Science and Engineering at State University of New York at Buffalo from March, 2015 to March, 2016. His research interests include Cloud Security, Outsourcing Security, Digital Forensics, Network and Information Security.

Chao Shen, Xi'an Jiao Tong University, China
Dr. Chao Shen received his B.S. and Ph.D. in systems engineering from the School of Electronic and Information Engineering, Xi'an Jiaotong University, China, in 2007 and 2014, respectively. He is currently an Associate Professor in the School of Electronic and Information Engineering, and serves as the Associate Dean of the School of Cyberspace Security, Xi'an Jiaotong University of China. He was a research scholar of Computer Science and Machine Learning at Carnegie Mellon University from February, 2011 to August, 2013. His research interests include network security, mobile security, insider detection, AI security, and behavioral biometrics.

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