

Bio-Sketch

Chao-Hsien Chu
(chu@ist.psu.edu)

Chao-Hsien Chu is a Professor of Information Sciences and Technology, Professor of Management Science and a Graduate Faculty of the Social Data Analytics at the Pennsylvania State University, University Park, PA, USA. He is the Director of the RFID/Smart Sensing Lab and the Co-director of the Center of Cyber Security, Information Privacy and Trust at Penn State. Previously, he was an associate professor of operations and information management at Iowa State University (1986-1999), a visiting associate professor at the University of Tsukuba (1991-1992), and a professor and Associate Dean of the School of Information Systems at Singapore Management University (2005- 2006; 2012-2014).

Chu's current research focuses on (1) **Smart Sensing** (Internet of Things and RFID), especially in middleware design, complex event processing (*CEP*), system integration, and security and privacy issues, with applications in smart space, healthcare, and manufacturing; (2) **Cybersecurity and Privacy Assurance**, especially in security analytics, IoT security, and privacy preserving; (3) **Analytics and Intelligent Systems**, especially in healthcare analytics, financial fraud detection and communication networks design; and (4) **Operations and Technological Innovation**, including cellular manufacturing, lean thinking, strategic quality management and supply chain management.

Dr. Chu have published more than 190 papers, many of them are in top-tier journals and major conference proceedings such as *IEEE Sensors Journal*, *IEEE Internet of Things (IoT) Journal*, *ACM Transactions on Cyberphysical Systems (TCPS)*, *IEEE Transactions on Evolutionary Computation (TEC)*, *IEEE Transactions on Dependable and Secure Computing (TDSE)*, *IEEE Transactions on Information Forensics & Security (TIFS)*, *Computers & Security*, *INFORMS Journal on Computing*, *Decision Sciences*, *Decision Support Systems*, *European Journal of Operational Research*, *Journal of Operations Management*; *International Journal of Production Research*; *USENIX*, *ACM Conference on Computer and Communication Security (CCS)*, *IEEE Conference on Computer Communications (INFOCOM)*, *ACM Conference on Electronic Commerce* and other high-quality of outlets. Six of his papers received the best paper award and one of the dissertations he supervised received honorable mention from Decision Sciences Institute. His research was funded by the US National Science Foundation (NSF), National Security Agency (NSA), Cisco Systems and Hewlett-Packard Company (HP) and Japan Society for the Promotion of Sciences (JSPS).

