

## The fourth International Workshop on Security and Privacy in Big Data

Date: April 11, 2016, Venue: Seacliff B

**S0: Opening, 8:30-8:40, Chair: Professor Prasant Mohapatra, UC, Davis, USA.**

**S1: BigSecurity 1, 8:40-10:10, Chair: Dr Dimitris Milioris, MIT, USA.**

STEAL: Service Time-Aware Load Balancer on Many-Core Processors for Fast Intrusion Detection  
Yoon-Ho Choi, Woojin Park and SeokHwan Choi (Pusan National University, Korea); Seung-Woo Seo (Seoul National University, Korea, Korea)

A Shared Memory based Cross-VM Side Channel Attacks in IaaS Cloud  
Ziqi Wang, Rui Yang and Xiao Fu (Nanjing University, P.R. China); Xiaojiang Du (Temple University, USA); Luo Bin (Nanjing University, P.R. China)

Targeted Cyber-attacks: Unveiling Target Reconnaissance Strategy via Social Networks  
Hung T Nguyen (Virginia Commonwealth University & School of Engineering, USA); Thang N. Dinh (Virginia Commonwealth University, USA)

Mobile Offloading Game Against Smart Attacks  
Liang Xiao (Xiamen University & Xiamen University, P.R. China); Caixia Xie and Tianhua Chen (Xiamen University, P.R. China); Huaiyu Dai (NC State University, USA); H. Vincent Poor (Princeton University, USA)

**S2: BigSecurity 2, 10:30-12:00, Chair: Professor Thang Dinh, USA**

Classification Encryption via Compressed Permuted Measurement Matrices  
Dimitris Milioris (Massachusetts Institute of Technology, USA)

A Communication-Efficient Model of Sparse Neural Network for Distributed Intelligence  
Yiqiang Sheng (Chinese Academy of Sciences & National Network New Media Engineering Research Center, P.R. China); Wang Jinlin (the Institute of Acoustics, CAS, P.R. China); Zhenyu Zhao (University of Science and Technology of China, P.R. China)

Homomorphic Proximity Computation in Geosocial Networks  
Peizhao Hu, Tamalika Mukherjee, Alagu Valliappan and Stanislaw Radziszowski (Rochester Institute of Technology, USA)

A Key Agreement Method for Wireless Body Area Networks  
Zhouzhou Li (University of Massachusetts Dartmouth, USA); Honggang Wang (University of Massachusetts, Dartmouth & College of Engineering, USA)