

**3rd International Workshop on Privacy and Security of Big Data
(PSBD 2016)
Program – Wednesday, 7 December
Room: Bunker Hill**

PSBD 2016 Detailed Program Schedule		
Time	Title	Presenter/Author
8:00am – 8.25am	Session PSBD16_1: Opening Chair: Alfredo Cuzzocrea	
8:25am – 9.25am	Session PSBD16_2: Invited Talk – Elisa Bertino, “Data Privacy for IoT Systems Concepts, Approaches, and Research Directions” Chair: Alfredo Cuzzocrea	
9:25am – 10.45am	Session PSBD16_3: Secure Methods and Malware Detection Algorithms for Big Data Chair: Alfredo Cuzzocrea	
9:25am – 9.45am	Memory Access Pattern based Insider Threat Detection in Big Data Systems	Santosh Aditham, Nagarajan Ranganathan, Srinivas Katkoori
9:45am – 10.05am	Security and Privacy for Big Data: A Systematic Literature Review	Boel Nelson, Tomas Olovsson
10:05am – 10.25am	Reverse Engineering Smart card Malware using Side Channel Analysis with Machine learning Techniques	Hippolyte Djonon Tsague, Twala Bheki
10:25am – 10.45am	Feature Selection and Improving Classification Performance for Malware Detection	Carlos Cepeda, Pablo Ordonez, Dan T-Chia
10:45am - 11:05am	Coffee Break	
11:05am – 12.45am	Session PSBD16_4: Security Frameworks for Supporting Big Data Privacy Chair: Chia-Tien Dan Lo	
11:05am – 11.25am	Phishing Through Social Bots on Twitter	Mohammad Shafahi, Leon Kempers, Hamideh Afsarmanesh
11:25am – 11.45am	Phishing Detection Based on Newly Registered Domains	Xueni Li, Guanggang Geng, Zhiwei Yan, Yong Chen, Xiaodong Lee
11:45am – 12.05am	Automated Big Security Text Pruning and Classification	Khudran Alzhrani, Ethan Rudd, Edward Chow, Terrance Boulton
12:05am – 12.25am	An Entropy-based Analytic Model for the Privacy-Preserving in Open Data	Soo-Hyung Kim, Changwook Jung, Yoon-Joon Lee
12:25am – 12.45am	Private Databases on the Cloud: Models, Issues and Research Perspectives	Alfredo Cuzzocrea, Carlo Mastroianni, Giorgio Mario Grasso
12:45am - 2:00pm	Lunch	
2:00pm – 4.05pm	Session PSBD16_5: Privacy-Preserving Big Data Management Chair: Santosh Aditham	
2:00pm – 2.20pm	Concise Essence-Preserving Big Data Representation	Philip Derbeko, Shlomi Dolev, Ehud Gudes, Jeffrey Ullman
2:20pm – 2.40pm	Trusted Cloud SQL DBS with On-the-fly AES Decryption/Encryption	Sushil Jajodia, Witold Litwin, Thomas Schwarz
2:40pm – 3.00pm	S3C: An Architecture for Space-Efficient Semantic Search over Encrypted Data in the Cloud	Jason Woodworth, Mohsen Amini Salehi, Vijay Raghavan
3:00pm – 3.20pm	Big Data Analytics as-a-Service: Issues and challenges	Claudio Ardagna, Paolo Ceravolo, Ernesto Damiani
3:20pm – 4.05pm	Session PSBD16_6: Panel: “Privacy Issues of Big Data Management: What’s Next?” Chair: Alfredo Cuzzocrea	

4:05pm - 4:25pm	Coffee Break
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