### 3rd International Workshop on Privacy and Security of Big Data (PSBD 2016)

**Program – Wednesday, 7 December**  
**Room: Bunker Hill**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter/Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am – 8.25am</td>
<td>Session PSBD16_1: Opening</td>
<td>Chair: Alfredo Cuzzocrea</td>
</tr>
<tr>
<td>9:25am – 10.45am</td>
<td>Session PSBD16_3: Secure Methods and Malware Detection Algorithms for Big Data</td>
<td>Chair: Alfredo Cuzzocrea</td>
</tr>
<tr>
<td>9:25am – 9.45am</td>
<td>Memory Access Pattern based Insider Threat Detection in Big Data Systems</td>
<td>Santosh Aditham, Nagarajan Ranganathan, Srinivas Katkoori</td>
</tr>
<tr>
<td>9:45am – 10.05am</td>
<td>Security and Privacy for Big Data: A Systematic Literature Review</td>
<td>Boel Nelson, Tomas Olofsson</td>
</tr>
<tr>
<td>10:05am – 10.25am</td>
<td>Reverse Engineering Smart card Malware using Side Channel Analysis with Machine learning Techniques</td>
<td>Hippolyte Djionon Tsague, Twala Bheki</td>
</tr>
<tr>
<td>10:25am – 10.45am</td>
<td>Feature Selection and Improving Classification Performance for Malware Detection</td>
<td>Carlos Cepeda, Pablo Ordonez, Dan T-Chia</td>
</tr>
<tr>
<td>10:45am - 11:05am</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>11:05am – 12.45am</td>
<td>Session PSBD16_4: Security Frameworks for Supporting Big Data Privacy</td>
<td>Chair: Chia-Tien Dan Lo</td>
</tr>
<tr>
<td>11:05am – 11.25am</td>
<td>Phishing Through Social Bots on Twitter</td>
<td>Mohammad Shafahi, Leon Kempers, Hamideh Afsarmanesh</td>
</tr>
<tr>
<td>11:25am – 11.45am</td>
<td>Phishing Detection Based on Newly Registered Domains</td>
<td>Xueni Li, Guanggang Geng, Zhiwei Yan, Yong Chen, Xiaodong Lee</td>
</tr>
<tr>
<td>11:45am – 12.05am</td>
<td>Automated Big Security Text Pruning and Classification</td>
<td>Khudran Alzhrani, Ethan Rudd, Edward Chow, Terrance Boult</td>
</tr>
<tr>
<td>12:05am – 12.25am</td>
<td>An Entropy-based Analytic Model for the Privacy-Preserving in Open Data</td>
<td>Soo-Hyung Kim, Changwook Jung, Yoon-Joon Lee</td>
</tr>
<tr>
<td>12:25am – 12.45am</td>
<td>Private Databases on the Cloud: Models, Issues and Research Perspectives</td>
<td>Alfredo Cuzzocrea, Carlo Mastroianni, Giorgio Mario Grasso</td>
</tr>
<tr>
<td>12:45am - 2:00pm</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>2:00pm – 4.05pm</td>
<td>Session PSBD16_5: Privacy-Preserving Big Data Management</td>
<td>Chair: Santosh Aditham</td>
</tr>
<tr>
<td>2:00pm – 2.20pm</td>
<td>Concise Essence-Preserving Big Data Representation</td>
<td>Philip Derbeko, Shlomi Dolev, Ehud Gudes, Jeffrey Ullman</td>
</tr>
<tr>
<td>2:20pm – 2.40pm</td>
<td>Trusted Cloud SQL DBS with On-the-fly AES Decryption/Encryption</td>
<td>Sushil Jajodia, Witold Litwin, Thomas Schwarz</td>
</tr>
<tr>
<td>2:40pm – 3.00pm</td>
<td>S3C: An Architecture for Space-Efficient Semantic Search over Encrypted Data in the Cloud</td>
<td>Jason Woodworth, Mohsen Amini Salehi, Vijay Raghavan</td>
</tr>
<tr>
<td>3:00pm – 3.20pm</td>
<td>Big Data Analytics as-a-Service: Issues and challenges</td>
<td>Claudio Ardagna, Paolo Ceravolo, Ernesto Damiani</td>
</tr>
<tr>
<td>3:20pm – 4.05pm</td>
<td>Session PSBD16_6: Panel: “Privacy Issues of Big Data Management: What’s Next?”</td>
<td>Chair: Alfredo Cuzzocrea</td>
</tr>
<tr>
<td>Time</td>
<td>Activity</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>--------------</td>
<td></td>
</tr>
<tr>
<td>4:05pm - 4:25pm</td>
<td>Coffee Break</td>
<td></td>
</tr>
</tbody>
</table>