

AGENDA FOR 3rd IWSPA 2017 (March 24, 2017)

Session Timing	Session Titles
8:50 A.M - 9:00 AM:	Welcome to IWSPA
9:00 A.M. - 10:30 AM:	<p><u>Session 1: Privacy and Threats Session</u> <u>Session Chair:</u> Lila Ghemri (Texas Southern University)</p> <p>1. Non-interactive (t, n)-Incidence Counting from Differentially Private Indicator Vectors- <i>Mohammad Alaggan (INRIA); Mathieu Cunche (INRIA); Marine Minier (INSA Lyon)</i>- FULL PAPER</p> <p>2. An Internal/Insider Threat Score for Data Loss Prevention And Detection - <i>Kyrre Wahl Kongsgård (Norwegian Defense Research Establishment); Nils Agne Nordbotten (NDRS); Federico Mancini (NDRS); Paal E. Engelstad (NDRS)</i> - SHORT PAPER</p> <p>3. Model-based cluster analysis for identifying suspicious activity sequences in software - <i>Hemank Lamba (CMU); Thomas Glazier (CMU); Bradley Schmerl (CMU); Javier Camar Moreno (CMU); David Garlan (CMU); Juergen Pfeffer (TU Munich)</i> - SHORT PAPER</p> <p>4. Identifying Key Cyber-Physical Terrain - <i>Brian Thompson (MITRE Corporation); Richard Harang (Invincea Inc.)</i>- SHORT PAPER</p>
10:30 A.M. - 10:45 AM:	Break
10:45 A.M. - 12:30 PM:	<p><u>Session 2: Authentication Keynote and Attacks Session</u> <u>Session Chair:</u> Carlos Ordonez (University of Houston)</p> <p>KEYNOTE: Title: Continuous Authentication Using Behavioral Biometrics Speaker: Shambhu Upadhyaya (SUNY Buffalo)</p> <p>1. Analysis of Causative attacks against SVMs Learning from Data Streams - <i>Cody Burkard (University of Washington, Bothell); Brent Lagesse (University of Washington, Bothell)</i>- SHORT PAPER</p> <p>2. MCDefender: Toward Effective Cyberbullying Defense in Mobile Online Social Networks - <i>Nishant Vishwamitra (Clemson University); Xiang Zhang (Clemson University); Hongxin Hu (Clemson University); Feng Luo (Clemson University)</i> – SHORT PAPER</p>
12:30 A.M. - 1:45 PM:	Lunch
1:45 P.M. – 3:15 PM:	<p><u>Session 3: August Detection and Software Vulnerabilities Session</u> <u>Session Chair:</u> Bhavani Thuraisingham (UT Dallas)</p> <p>KEYNOTE: Title: Tracing the Arc of Smartphone Application Security Speaker: Patrick McDaniel (Pennsylvania State University)</p> <p>1. Predicting Exploitation of Disclosed Software Vulnerabilities Using Open-source Data - <i>Benjamin Bullough (MIT); Anna Yanchenko (MIT); Christopher Smith (MIT); Joseph Zipkin (MIT)</i>- FULL PAPER</p>
3:15 P.M. – 3:30 PM:	Break
3:30 P.M. – 5:00 PM:	<p><u>Session 4: Malicious URL and Malware Session</u> <u>Session Chair:</u> Wenyaw Chan (UT-HSC Houston)</p> <p>1. Fast Feature Extraction and Malicious URL Detection - <i>Rakesh Verma (University of Houston); Avisha Das (University of Houston)</i> - FULL PAPER</p> <p>2. EMULATOR vs REAL PHONE: Android Malware Detection Using Machine Learning- <i>Mohammed Alzaylaee (Queen's University Belfast); Suleiman Yerima (Queen's University Belfast); Sakir Sezer (Queen's University Belfast)</i>- FULL PAPER</p> <p>3. Feature Cultivation in Privileged Information-augmented Detection - <i>Z. Berkay Celik (Pennsylvania State University); Patrick McDaniel (Pennsylvania State University); Rauf Izmailov (Vencore Labs)</i> – INVITED PAPER</p>