Software Security, Protection, and Reverse Engineering Workshop (SSPREW-7)

In conjunction with the 33rdAnnual Computer Security Applications Conference

4-5 December 2017

Monday, December 4th, 8:30 a.m. - 4:30 p.m.

7:30	BREAKFAST
8:30	*Welcome*, Todd McDonald, General Chair
8:35	**Training Session** on Concolic Analysis (Vivek Notani, University of Verona)
10:00	BREAK
10:30	**Training Session** on BINSEC: A Framework for Binary-level Program Analysis (Sébastien Bardin and Richard Bonichon, CEA)
12:00	LUNCH
1:30	**Training Session** on Breaking Obfuscated Programs with Symbolic Execution (Sebastian Banescu, Technical University of Munich)
3:00	BREAK
3:30	**Training Session** on Breaking Obfuscated Programs with Symbolic Execution
4:30	ADJOURN

Tuesday, December 5th, 8:30 a.m. – 4:00 p.m.

7:30	BREAKFAST
8:30	*Welcome and Introductions*, Todd McDonald, General Chair
8:35	**Keynote Address:** *The Rise of Potentially Unwanted Programs: Measuring its Prevalence, Distribution through Pay-Per-Install Services, and Economics*, Juan Caballero, IMDEA Software Institute
9:30	*GroupDroid: Automatically Grouping Mobile Malware by Extracting Code Similarities*: **Niccolò Marastoni,** Andrea Continella, Davide Quarta, Stefano Zanero and Mila Dalla Preda
10:00	BREAK
10:30	*Lightweight Dispatcher Constructions for Control Flow Flattening*: Björn Johansson, **Patrik Lantz** and Michael Liljenstam
11:00	**Keynote Address:** *Inferring Program Behavior from a Distance for Cyber Attack Investigation*, Dongyan Xu, Purdue University
12:00	LUNCH
1:30	*Fast Model Learning for the Detection of Malicious Digital Documents*: **Daniel Scofield**, Craig Miles and Stephen Kuhn
2:00	*Differential Fault Analysis Using Symbolic Execution*: Jasper Van Woudenberg, **Cees-Bart Breunesse**, Rajesh Velegalati, Panasayya Yalla and Sergio Gonzalez
2:30	*Packer Identification Based on Metadata Signature*: Nguyen Minh Hai, **Mizuhito Ogawa** and Quan Thanh Tho
3:00	BREAK
3:30	*Evaluating Optimal Phase Ordering in Obfuscation Executives*: William Holder, **Jeffrey McDonald** and Todd Andel
4:00	ADJOURN