Software Security, Protection, and Reverse Engineering Workshop (SSPREW-7)
In conjunction with the 33rd Annual 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