

PROGRAM AGENDA

Tuesday, May 6

Theme: Requirements and Specifications

0800	Registration
0900	Keynote Presentation: Going Native - Relying on Pidgins and Creoles to Construct High Confidence Software Travis Breaux (Carnegie Mellon University)
1000	High-Performance Regular Expression Processing for Cross-Domain Systems with High Assurance Requirements David Hardin (Rockwell Collins)
1030	Break
1045	Programmable Hardware Support for Ubiquitous Micro-Policy Enforcement Benjamin Pierce (University of Pennsylvania)
1115	Hardware-Based Tagging: Building in Security from the Ground Up Jim Alves-Foss (University of Idaho)
1145	Formalization of x86 Machine-Code Programs with System Calls Warren Hunt (UT Austin)
1215	Lunch (on your own)
1345	Generating Proof-Carrying Code for the UDP protocol Douglas Smith (Kestrel Institute)
1415	SPARK 2014: Formal Program Verification For All Yannick Moy (AdaCore)
1445	Going Large with Formal Methods on iFACTS Roderick Chapman (Altran UK)
1515	Break
1530	Mining and Understanding Software Enclaves (MUSE) Suresh Jagannathan (DARPA)
1600	Local Temporal Reasoning Eric Koskinen (New York University)
1630	Through the Lens of Abstraction Aditya Thakur (University of Wisconsin)

PROGRAM AGENDA

	Wednesday, May 7 <i>Themes: Designed-In Security Mobility</i>
0800	Registration
<i>Designed-In Security Symposium</i>	
0900	Panel: Designed-In Security (DIS) Moderator: Brad Martin (National Security Agency) Panelists: Celia Merzbacher (SRC), Ron Perez (AMD), Bill Scherlis (Carnegie Mellon University)
1000	A Building Code for Building Code Carl Landwehr (Innovative Analytics and Training)
1045	Break
1115	Panel: Moving forward with DIS and the Building Code Moderator: Bill Scherlis (Carnegie Mellon University) Panelists: Byron Cook (Microsoft Research, University College London), Kathleen Fisher (DARPA), John Hatcliff (Kansas State University), John Launchbury (Galois, Inc.), Ray Richards (Rockwell Collins)
1215	Lunch (on your own)
<i>Mobility Session</i>	
1345	An Information Architecture Platform for Mobile, Secure, and Resilient Distributed Systems Abhishek Dubey (Vanderbilt University)
1415	Multi-App Security Analysis: Looking for Android App Collusion Rogan Creswick (Galois, Inc.)
1445	Break
1515	Keynote Presentation: Mobile Computing - New Threats and New Solutions Neal Ziring (National Security Agency)
1615	Triceratops: Privacy-protecting Mobile Apps Edward Wu
1645	Text Analytics for Mobile App Security and Beyond Tao Xie (UIUC)
1830	Conference Dinner (no host) Chart House Annapolis

PROGRAM AGENDA

Thursday, May 8

Theme: Reasoning about Control

0800	Registration
0900	Keynote Presentation: DARPA's BRAIN Initiative Geoffrey Ling (DARPA)
1000	Poster Session
1045	The Cyber-Physical Limits of Control Alex Wissner-Gross (Harvard University)
1130	Logical Foundations of Cyber-Physical Systems André Platzer
1215	Lunch (on your own)
1345	Programming Languages for High-Assurance Autonomous Vehicles Lee Pike (Galois, Inc.)
1415	Toward Resilient Monitoring and Control of Distributed Cyber-Physical Systems Xenofon Koutsoukos (Vanderbilt University)
1445	Poster Session (See page 47 for a list of posters)
1530	Design and Implementation of Attack-Resistant Cyber-Physical Systems Miroslav Pajic (University of Pennsylvania)
1600	An Aircraft Electric Power System Domain-Specific Language for Reactive Control Protocols Huan Xu (University of Maryland)
1630	Conference End