

Layered Assurance Workshop

PROGRAM 9th Layered Assurance Workshop

December 7-8, 2015

Los Angeles, California, USA

Affiliated workshop of the
Annual Computer Security Applications Conference (ACSAC)

Monday, December 7th 2015

7:30-8:30	BREAKFAST
8:30-8:45	Welcome and Opening Remarks –Rance J. DeLong, Gabriela F. Ciocarlie, Peter G. Neumann
8:45-10:00	Keynote Talk: <i>Architecture Principles and Certification Approaches for Medical Application Platforms</i> John Hatcliff, Kansas State University
10:00-10:30	BREAK
10:30-12:00	Invited Talk: <i>CHERI: A Hybrid Capability Architecture</i> Robert Watson, University of Cambridge, Peter Neumann, SRI International
12:00-13:30	LUNCH
13:30-15:00	Contributed Paper: <i>Foundations for Auditing Assurance</i> Sepehr Amir-Mohammadian, University of Vermont, Stephen Chong, Harvard University, Christian Skalka, University of Vermont
	Contributed Paper: <i>Defining a Model for Defense in Depth</i> James Sullivan and Michael Locasto, University of Calgary
	Long WIP: <i>Update on Security Additions to the Data Distribution Service (DDS) Specification</i> Joe Schlesselman, RTI
15:00-15:30	BREAK
15:30-16:45	Invited Talk: <i>A Layered Assurance Experience Report</i> Dylan McNamee, Galois
16:45-17:45	Long WIP: <i>Defense Against Unintended Acoustic Sensing</i> Shahriar Nirjon, University of North Carolina at Chapel Hill
	Long WIP: <i>Compositional Assurance in Distributed MILS</i> Rance DeLong

Tuesday, December 8th 2015

7:30-8:30	BREAKFAST
8:30-8:45	Day 2 Opening Remarks
8:45-10:00	Keynote Talk: <i>Layers of Formal Verification for Full-Scale NextGen Automated Air Traffic Control</i> Kristin Rozier, University of Cincinnati
10:00-10:30	BREAK
10:30-11:45	Invited Talk: <i>Reflections on Composite Compliance as applied to global standards and regulatory requirements</i> Heather Hinton, IBM
12:00-13:30	LUNCH
13:30-14:45	Invited Talk: <i>Virtual Integration and Incremental Assurance of Critical System</i> Peter Feiler, Carnegie Mellon Software Engineering Institute
15:00-15:30	BREAK
15:30-16:45	Panel: <i>Reflections on the Future</i> Moderator: Peter Neumann, SRI International
16:45-17:00	Workshop Closing
18:00-20:00	ACSAC/LAW Reception