New Security Paradigms Workshop 2004
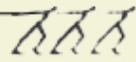
September 20-23, 2004

White Point Beach Resort, Nova Scotia

PROGRAM SCHEDULE

Monday, September 20	
7:00 pm	Welcome Reception and Dinner

Tuesday, September 21	
7:30 - 8:30 am	Breakfast
8:30 - 9:00 am	Welcome from General Chairs and Organizational Announcements

Session 1	DIGITAL RIGHTS MANAGEMENT	Session Chair Ahmad-Reza Sadeghi
9:00 - 10:00 am	Support for Multi-Level Security Policies in DRM Architectures *Bogdan Popescu, Bruno Crispo, Andrew Tanenbaum, Vrije Universiteit*	
10:00 – 10:30 am	Break for Refreshments	

Session 2	FOUNDATIONS	Session Chair Bob Blakley
10:30 - 11:30 am	A Collaborative Approach to Autonomic Security Protocols *Hongbin Zhou, Simon Foley, University College Cork*	
11:30 - 12:30 pm	A Qualitative Framework for Shannon Communication Theories *Gerard Allwein, U.S. Naval Research Laboratory*	
12:30 - 2:00 pm	Lunch	

Session 3	USABILITY (Panel)	
2:00 - 3:30 pm	The User Non-Acceptance Paradigm: INFOSEC's dirty little secret *Steven Greenwald, Independent INFOSEC consultant* *Kenneth Olthoff, National Security Agency* *Victor Raskin, Purdue University* *Willibald Ruch, University of Zurich*	
3:30 - 4:00 pm	Break for Refreshments	

Session 4	SOFTWARE DEVELOPMENT PRACTICES	Session Chair Abe Singer
4:00 - 5:00 pm	Towards Agile Security Assurance *Konstantin Beznosov and Philippe Kruchten, The University of British Columbia*	
7:00 - 8:30 pm	Dinner	

Wednesday, September 22

7:30 - 8:45 am	Breakfast
8:45 - 9:00 am	Organizational Announcements

Session 5	**UBIQUITOUS COMPUTING**	**Session Chair** *Michael Franz*

9:00 - 10:00 am	Information Exposure Control through Data Manipulation for Ubiquitous Computing *Boris Dragovic and Jon Crowcroft, University of Cambridge Computer Laboratory*
10:00 - 10:30 am	Break for Refreshments

Session 6	**TRUSTWORTHY SYSTEMS**	**Session Chair** *Steve Greenwald*

10:30 - 11:30 am	Property-based Attestation for Computing Platforms: Caring about properties, not mechanisms *Ahmad-Reza Sadeghi, Christian Stueble, University of Bochum*
11:30 - 12:30 pm	Symmetric Behavior-Based Trust: A New Paradigm for Internet Computing *Vivek Haldar, Michael Franz, University of California at Irvine*
12:30 - 2:00 pm	Lunch

Session 7	**METRICS (DISCUSSION TOPIC)**

2:00 - 3:30 pm	Testing the Effectiveness of Cyber Defense Technologies *James Just, Global InfoTek, Inc.* *Karl Levitt, University of California at Davis* *George Kesidis, Pennsylvania State University*
3:30 - 4:00 pm	Break for Refreshments
4:00 - 5:00 pm	Business Meeting
7:00 - 8:30 pm	Dinner

Thursday, September 23

7:30 - 8:45 am	Breakfast
8:45 - 9:00 am	Organizational Announcements

Session 8	**INTRUSION DETECTION**	**Session Chair** *Cristina Serban*

9:00 - 10:00 am	The Role of Suspicion in Model-based Intrusion Detection *Timothy Hollebeek and Rand Waltzman, Teknowledge Corporation*
10:00 - 10:30 am	Break for Refreshments

Session 9	**HUMAN FACTORS**	**Session Chair** *Mary Ellen Zurko*

10:30 - 11:30 am	Omnivore: Risk Management through Bidirectional Transparency *Scott Flinn, National Research Council of Canada* *Steve Stoyles, Dalhousie University*
11:30 - 12:30 pm	Profiling the Defenders *Carrie Gates, Tara Whalen, Dalhousie University*
12:30 - 1:30 pm	Workshop concludes with Lunch