

# Program of NPSec 2014

Date: 10/21/2014

Workshop: Willow Oak Room; Lunch and Break: Oak Forest A

Time	Session	Paper #	Title	Authors
8:45 - 9:00	Welcome remarks			
9:00 - 10:00	keynote speech		<i>A New Look at the Old DDoS Problem</i>	Dan Massey (DHS S&T Cyber Security Division)
10:00 - 10:30	Coffee break			
10:30 - 12:00	Session 1: Security for software-defined networking and the Internet.	1570002091	OperationCheckpoint: SDN Application Control	Sandra Scott-Hayward (Queen's University Belfast, United Kingdom); Christopher Kane (Queen's University Belfast, United Kingdom); Sakir Sezer (Queens University Belfast, United Kingdom)
	Session Chair: Eric Osterweil (Verisign Labs, USA)	1570001811	DDoS Attack Protection in the Era of Cloud Computing and Software-Defined Networking	Bing Wang (Virginia Tech, USA); Yao Zheng (Virginia Polytechnic Institute and State University, USA); Wenjing Lou (Virginia Tech, USA); Thomas Hou (Virginia Tech, USA)
		1570002613	Disincentivizing/Incentivizing Malicious/Honest Behavior on the Internet Via Privacy-preserving AppCoins	Karim El Defrawy (HRL Laboratories, USA); Joshua Lampkins (UCLA, USA)
12:00 - 13:30	Lunch break			
13:30 - 15:00	Session 2: Security protocol analysis.	1570002451	The Shape and Size of Threats: Defining a Networked System's Attack Surface	Eric Osterweil (Verisign Labs, USA); Danny McPherson (Verisign, Inc., USA); Lixia Zhang (University of California at Los Angeles, USA)
	Session chair: Alvaro Retana (Cisco, USA)	1570007345	Reflections on Security Options for the Real-time Transport Protocol Framework	Colin Perkins (University of Glasgow, United Kingdom)
		1570007341	Vulnerabilities of RFID Security Protocol Based on Chaotic Maps	Mete Akgün (Tubitak UEKAE, Turkey); M. Ufuk Caglayan (Bogazici University, Turkey)
15:00 - 15:30	Coffee break			
15:30 - 17:00	Session 3: New security protocols and mechanisms.	1570003105	Delegated Authenticated Authorization for Constrained Environments	Stefanie Gerdes (Universitaet Bremen, Germany); Olaf Bergmann (Universitaet Bremen, Germany); Carsten Bormann (Universität Bremen, Germany)
	Session chair: Colin Perkins (University of Glasgow, United Kingdom)	1570007275	Heisenberg Groups as Platform for the AAG Key-Exchange Protocol	Delaram Kahrobaei (New York City College of Technology (CUNY), USA); Ha Lam (City University of New York, USA)
		1570007277	MetaCAPTCHA: A Metamorphic Throttling Service for the Web	Akshay Dua (Portland State University, USA); Thai Bui (Portland State University, USA); Tien Le (Portland State University, USA); Nhan Huynh (Portland State University, USA); Wu-chang Feng (Portland State University, USA)
17:00 - 17:15	Concluding remarks			