Wednesday, April 20, 2016

9:00 a.m.  **Registration and Breakfast** (The Institute of the Americas Complex, Malamud Room at the Weaver Conference Center)

9:30 a.m.  **Welcome and Round Table Introductions**  
Stefan Savage and George Porter, CNS Co-Directors and CSE Professors

9:50 a.m.  **George Porter - Session Chair**

1st Keynote Speaker:  
**Securing Mobile Products from Qualcomm’s Position in the Supply Chain** (40 min.)  
Alex Gantman, Vice President of Product Security Engineering, Qualcomm

**NOVA: A Log-structured File System for Hybrid Volatile/Non-volatile Main Memories** (30 min.)  
Steven Swanson, CSE/CNS Professor

**The Early Checker Gets the Worm: Proactively Checking Configurations to Catch Latent Errors**  
Tianyin Xu (YY Zhou) (30 min.)

11:30 a.m.  **Group photograph** (Institute of the Americas Courtyard)

11:35 a.m.  **Lunch** (Great Hall)

1:20 p.m.  **Industry Member Lightning Talk Sign-up** (Malamud Room)

1:30 p.m.  **2nd Keynote Speaker:**  
**New Directions in Data Center Design**  
Peter Lee, Corporate Vice President, Microsoft Research

2:30 p.m.  **Break and Informal Interaction**

3:00 p.m.  **Alex Snoeren - Session Chair**

**Elliptic curves in kleptography: The case of the Dual EC random number generator (with special guest stars EMC and Juniper)** (30 min.)  
Hovav Shacham, CSE/CNS Professor

**Leveraging Internet Background Radiation for Opportunistic Network Analysis** (30 min.)  
Karyn Benson (Alex Snoeren, kc claffy)

4:00 p.m.  **Break and Informal Interaction** (15 min.)

**Automating Realtime Datacenter Fault Detection, Localization and Mitigation** (30 min.)  
Arjun Roy (Alex Snoeren)

**Information Leakage in Text Redaction** (30 min.)  
Steven Hill (Lawrence Saul, Geoffrey Voelker, Stefan Savage)

5:15 p.m.  **Lightning talk round**

6:00 p.m.  **Graduate Student Poster Session and Dinner Reception** (Great Hall)

*All sessions will be held in the Institute of the Americas Complex, Malamud Room at the Weaver Conference Center.*
Thursday, April 21, 2016

8:45 a.m.  (CNS Advisory Board meeting - Great Hall)

9:00 a.m.  Breakfast (The Institute of the Americas Complex, Malamud Room at the Weaver Conference Center)

9:30 a.m.  Kirill Levchenko - Session Chair

Defending Mobile Devices from Malicious/Faulty 3rd Party Apps (30 min.)
Ryan Huang (YY Zhou)

Resilience of Deployed TCP to Blind Attacks (15 min.)
Tiange Wu (k c claffy)

Fine-grained fault isolation for Deep Packet Inspection Engines (30 min.)
Zhaomo Yang (Kirill Levchenko)

A Scalable, Non-Crossbar Optical Switch for Data Communication Networks (30 min.)
William (Max) Mellette (Joe Ford)

Data Center Networking in a Post Clos Topology World (30 min.)
George Porter, CSE/CNS Professor

11:45 a.m.  Open Floor (feedback from company representatives)

12:00 p.m.  Lunch (Great Hall)

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