



2014 Fall Research Review Agenda

Wednesday, October 22, 2014

- 9:00 a.m. **Breakfast** (Qualcomm conference rooms lobby, Jacobs Hall/EBU-I)
- 9:30 a.m. **Welcome and Overview***
Stefan Savage, CNS Interim Director and CSE Professor
- 9:45 a.m. **Roundtable Introductions**
New projects: “Correctness of Reactive Systems” (PIs: Sorin Lerner and Ranjit Jhala) - Presenter: Daniel Ricketts
Project progress report: “Themis: An I/O-Efficient MapReduce” (sponsored by Cisco and NSF, PI: George Porter) – Presenter: Michael Conley
New projects: “Security Analysis of a Full-Body Scanner” (PI: Hovav Shacham) – Presenter: Keaton Mowery
Project progress report: “Datacenter Fault Discovery with SDNs” (sponsored by Google, PIs: Kenneth Yocum and Alex C. Snoeren) – Presenter: Arjun Roy
- 11:30 a.m. **Group photograph** (*Bear* sculpture in CSE courtyard)
- 11:35 a.m. **Lunch** (CSE courtyard)
- 1:45 p.m. Kirill Levchenko - Session Chair
New projects: “On-line Characterization and Thermal Management of Mobile Phones” (PI: Tajana Rosing) – Presenters Francesco Paterna and Shruti Patil
Project progress report: “Empirically Characterizing Domain Abuse and the Revenue Impact of Blacklisting” (sponsored by Google, PIs: Stefan Savage, Geoffrey M. Voelker, Alex C. Snoeren, and Kirill Levchenko) – Presenter: Neha Chachra
Project progress report: “REACTOR: Hybrid Networking” (sponsored by Google, PIs: George Porter, George Papen, and Alex C. Snoeren) – Presenter: Lonnie Liu
Project progress report: “Proactive Methods in Dealing with Configuration Problems” (sponsored by Microsoft, PI: YY Zhou) – Presenter: Ryan Huang
- 3:30 p.m. **Break and Informal Interaction**
- 4:00 p.m. George Porter - Session Chair
Keynote speaker: “Understanding Opinions and Preferences in Product Networks” (PI: Julian McAuley) – Presenter: Julian McAuley
Student Project Lightning Round
- 6:00 p.m. **Graduate Student Poster Session and Dinner Reception** (Great Hall)

*All sessions will be held in the Qualcomm conference rooms, Jacobs Hall/EBU-I, unless otherwise indicated.



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- 8:30 a.m. **CNS Advisory Board meeting** (Qualcomm conference rooms)
- 9:00 a.m. **Breakfast** (Qualcomm conference rooms lobby, Jacobs Hall/EBU-I)
- 10:00 a.m. Alex C. Snoeren - Session Chair
New projects: “Photonic Technologies and Devices in Data Center Networks” (PI: George Papen) – Presenter: George Papen
Project progress report: “Knock it Off: Profiling the Online Storefronts of Counterfeit Merchandise” (sponsored by Microsoft, PIs: Stefan Savage and Geoffrey M. Voelker) – Presenter: Matthew Der
New projects: “Securing Web Applications with Predicate Access Control” (PI: Kirill Levchenko) – Presenter: Zhaomo Yang
Project progress report: “Replicating Non-Volatile Main Memory” (sponsored by VMWare, PI: Steven Swanson) – Presenter: Yiying Zhang
- Open Floor** (*feedback from company representatives*)
- 12:00 p.m. **Lunch** (CSE courtyard)