CNS 2022 Research Review Agenda
Friday, April 29, 2022

9:00 a.m.  Welcome
George Porter and Stefan Savage, CNS Co-Directors and CSE Professors

9:15 a.m.  Session 1
Trackers Bounce Back: Measuring Evasion of Partitioned Storage in the Wild (15 min + 5 min Q&A)
Audrey Randall, CSE Graduate Student (Advisors: Aaron Schulman, Geoff Voelker, and Stefan Savage)
FaaSnap: FaaS Made Fast Using Snapshot-based VMs (15 min + 5 min Q&A)
Lixiang Ao, CSE Graduate Student (Advisors: Geoff Voelker and George Porter)
Forward Pass: On the Security Implications of Email Forwarding Mechanism and Policy (15 min + 5 min Q&A)
Enze “Alex” Liu, CSE Graduate Student (Advisors: Stefan Savage and Geoff Voelker)

10:15 a.m.  5-Minute Break

10:20 a.m.  Keynote Speaker
Title TBD (20 min + 10 min discussion)
SkySafe founder and CEO, Grant Jordan, a former CSE M.S. student at UC San Diego

10:50 a.m.  Session 2
Junkyard datacenters: Carbon-efficient computing systems from old phones (15 min + 5 min Q&A)
Jennifer Switzer, CSE Graduate Student (Advisors: Pat Pannuto and Ryan Kastner)
Federated Infrastructure: Usage, Patterns, and Insights from "The People's Network" (15 min + 5 min Q&A)
Alex Yen, CSE Graduate Student (Advisor: Pat Pannuto)
Corundum: An Open-Source Framework for In-Network Compute (15 min + 5 min Q&A)
Alex Forencich, ECE Postdoctoral Researcher (Advisors: George Papen and George Porter)

11:50 a.m.  5-Minute Break

11:55 a.m.  Lightning Talks
Continuous 2-minute (live) lightning presentations by 12 graduate students.

12:25 p.m.  Concluding Remarks and Feedback from Company Representatives