AGENDA
The Platform Lab Review Meeting
February 9, 2017

8:00 AM  Registration and Breakfast
8:30 AM  Platform Lab Overview — John Ousterhout
9:15 AM  Big Control Platform (BCP) Abstractions and Services
         • Directed Information Gathering — Mac Schwager
         • Deep Reinforcement Learning for Device Control — Blake Wulfe
         • Distributed Geometric Data Structures — Philip Levis
10:30 AM Break
11:00 AM Self-Driving Programmable Networks
         • Data Driven Networking — Sachin Katti
         • Self Driving Networks — Balaji Prabhakar
         • Weld: Fast Data Analytics on Modern Hardware — Shoumik Palkar
12:15 PM Lightning Talks by Students — Feiran Wang, Zi Yin
12:45 PM Lunch and Poster Session
2:00 PM  Invited Sponsor Talks
         • Network Management beyond SDN — Jeff Mogul, Google
         • Potential Big Control Use Cases — Ayush Sharma, Huawei
2:45 PM  Panel on Granular Computing
         Keith Winstein, Christos Kozyrakis, Philip Levis, John Ousterhout
3:45 PM  Break
4:15 PM  Granular Computing Platform
         • NanoLog: A Nanosecond Scale Logger — Stephen Yang
         • RAIL: Predictable, Low Tail Latency for Flash-based SSDs — Heiner Litz
         • TETRIS: Scalable and Efficient Neural Network Acceleration with 3D Memory — Mingyu Gao
5:30 PM  Wrap up
5:45 PM  Reception