

<i>TIME</i>	<i>TOPIC</i>
-------------	--------------

Thursday, November 13, 2014

0730- 0830 BREAKFAST

0830 - 0915 Welcome and Overview
Shankar Sastry (Berkeley); Larry Rohrbough (Berkeley)

Modeling for Resilience

0915 - 0945 Resilience Modeling and Model-Based Design for CPS
Gabor Karsai (Vanderbilt)

0945 - 1015 Network Neutrality and CPS
Galina Schwartz (Berkeley)

1015 - 1030 BREAK

1030 - 1100 A Supervisory Control Approach to Dynamic Cyber-Security
Demos Teneketzis (Michigan)

1100 - 1130 Progress Towards System-Security Co-Design
Janos Sztipanovits (Vanderbilt)

1130 - 1230 LUNCH

Operating Through Attacks (Part 1)

1230 - 1300 Resilient Monitoring and Control Algorithms for Distribution Networks
Saurabh Amin (MIT)

1300 - 1330 Resilient Monitoring of CPS in the Presence of Faults and Adversarial Attacks
Xenofon Koutsoukos (Vanderbilt)

FORCES Young Researcher Presentations

1330 - 1445 “Speed” Poster Previews (5 minutes each)

1445 - 1500 BREAK

Defenses and Economic Incentives

1500 - 1530 Attack Surface Analysis and Program Hardening of CPS Systems
Chao Zhang (Berkeley); Dawn Song (Berkeley)

1530 - 1600 Risk-Limiting Dynamic Contracts for Direct and Indirect Load Control
Insoon Yang (Berkeley); Claire Tomlin (Berkeley)

1600 - 1630 Effects of Risk on Privacy Contracts for Demand-Side Management
Lillian Ratliff (Berkeley)

FORCES Education and Outreach

1630 - 1730 *Aimée Tabor (Berkeley); Saurabh Amin (MIT)*

1730 POSTER SESSION AND RECEPTION

<i>TIME</i>	<i>TOPIC</i>
--------------------	---------------------

Friday, November 14, 2014

0800 - 0900 BREAKFAST

0900 - 1000 Smart Grid Demonstration Results and Emerging Challenges for the Grid
Matt Wakefield (EPRI)

1000 - 1015 BREAK

Operating Through Attacks (Part 2)

1015 - 1045 Modeling and Mitigating Disruptions in Networked, Multi-Agent CPS
Hamsa Balakrishnan (MIT)

1045 - 1115 Robust Convergence of Distributed Routing with Heterogeneous
Population Dynamics
Walid Krichene (Berkeley); Alex Bayen (Berkeley)

1115 - 1200 Scientific Value of FORCES
Saurabh Amin (MIT)

1200 Wrap-Up / End of Meeting (Box Lunch Provided)

1200 - 1230 NSF / Advisory Board Caucus

1230 - 1300 NSF / Advisory Board Outbrief