

HotSoS 2016

Submitted by [Katie Dey](#) on Mon, 04/04/2016 - 10:28am

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TUESDAY, APRIL 19

6:00pm - Evening Reception at Phipps Conservatory
9:00pm

WEDNESDAY, APRIL 20

8:00am - Breakfast at Cohon University Center
9:00am

SESSION 1

9:00am - Welcome and Introduction
10:30am

Keynote: Lorrie Cranor

*Adventures in Usable Privacy and Security:
From Empirical Studies to Public Policy*

Paper: Hui Lin, Homa Alemzadeh, Daniel
Chen, Zbigniew Kalbararczyk, and
Ravishankar Iyer

*Safety-critical Cyber-Physical Attacks:
Analysis, Detection, and Mitigation*

10:30am - Break
11:00am

SESSION 2

11:00am - Paper: Aron Laszka, Waseem Abbas, S.
12:30pm Shankar Sastry, Yevgeniy Vorobeychik, and
Xenofon Koutsoukos
*Optimal Thresholds for Intrusion Detection
Systems*

Paper: Atul Bohara, Uttam Thakore, and
William Sanders
*Intrusion Detection in Enterprise Systems by
Combining and Clustering Diverse Monitor
Data*

Paper: Jeffrey Carver, Morgan Burcham,
Sedef Akinli Kocak, Ayse Bener, Michael
Felderer, Matthias Gander, Jason King,
Jouni Markkula, Markku Oivo, Clemens
Sauerwein, and Laurie Williams
*Establishing a Baseline for Measuring
Advancement in the Science of Security ? an
Analysis of the 2015 IEEE Security & Privacy
Proceedings*

12:30pm - Posters and Lunch
2:00pm

SESSION 3

2:00pm - Keynote: Greg Shannon
3:00pm *Science Challenges in the Federal
Cybersecurity R&D Strategic Plan*

3:00pm - Posters and Break
3:30pm

SESSION 4

3:30pm - Paper: Bradley Potteiger, Goncalo Martins,
5:20pm and Xenofon Koutsoukos
*Software and Attack Centric Integrated
Threat Modeling for Quantitative Risk
Assessment*

Tutorial: Hanan Hibshi
*Systematic Analysis of Qualitative Data in
Security*

5:30pm - Break
6:00pm

6:00pm - Dinner at Carnegie Museum of Natural
9:00pm History

THURSDAY, APRIL 21

8:00am - Breakfast at Cohon University Center
9:00am

SESSION 5

9:00am - Keynote: Christos Faloutsos
10:30am *Anomaly Detection in Large Graphs*

Paper: Kevin Bush, Antonio Roque, and Christopher Degni
Security is About Control: Insights from Cybernetics

Paper: Zhenqi Huang, Yu Wang, Sayan Mitra, and Geir Dullerud
Controller Synthesis for Linear Time-varying Systems with Adversaries

10:30am - Break
11:00am

SESSION 6

11:00am - Tutorial: Tao Xie, William Enck
12:20pm *Text Analytics for Security*

12:20pm - Lunch
1:20pm

SESSION 7

1:20pm - Keynote: Matt Briggs
3:10pm *The Threat Environment*

Paper: Carl Pearson, Allaire Welk, William Boettcher, Roger Mayer, Sean Streck, Joseph Simons-Rudolph, and Christopher Mayhorn
Difference in Trust Between Human and Automated Decision Aids

Paper: Phuong Cao, Eric Badger, Zbigniew Kalbarczyk, Ravishankar Iyer
A Framework for Generation, Replay and Analysis of Real-World Attack Variants

3:10pm - Ice Cream Social
3:30pm
