

# New Security Paradigms Workshop 2002 Program

## MONDAY, SEPTEMBER 23

7:00 – 9:00 Reception and dinner

## TUESDAY, SEPTEMBER 24

7:00 – 8:30 Breakfast

8:45 - 9:15: Welcome from general chairs and organizational announcements

### SESSION 1. INTRUSION DETECTION AND RESPONSE. R. SEKAR, SESSION CHAIR

9:15 –10:15

An experimental system for malicious email tracking

*Manasi Bhattacharyya, Matthew G. Schultz, Eleazar Eskin, Shlomo Hershkop, Salvatore J. Stolfo*

10:15 – 10:30 BREAK

10:30 – 11:30

Predators: good will codes combat against computer viruses

*Hiroshi Toyozumi and Atsushi Kara*

11:30 – 12:30

An empirical analysis of NATE- Network Analysis of Anomalous Traffic Events

*Carol Taylor and Jim Alves-Foss*

12:30 Lunch

### SESSION 2. LARGE SYSTEMS. MARY ELLEN ZURKO, SESSION CHAIR

2:00– 3:00

Small worlds in security systems: an analysis of the PGP certificate graph

*Srdjan Capkun, Levente Buttyan, Jean-Pierre Hubaux*

3:00 – 3:15 BREAK

3:15 – 4:15

Breaking the barriers: high performance security for high performance computing

*Kay Connelly and Andrew A. Chien*

4:15– 5:15

From privacy promises to privacy management--a new approach for enforcing privacy throughout an enterprise

*Paul Ashley, Calvin Powers, Matthias Schunter*

7:00 – 8:30 Dinner

## **WEDNESDAY, SEPTEMBER 25**

7:00—8:30 Breakfast

9:00 – 9:15 Opening remarks. General Chairs

### **SESSION 3. MOBILE CODE. WENKE LEE, SESSION CHAIR**

9:15 – 10:15

Anomaly intrusion detection in dynamic execution environments

*Hajime Inoue and Stephanie Forrest*

10:15 – 10:30 BREAK

10:30 –11:30

Empowering mobile code using expressive security policies

*V. N. Venkatakrishnan, Ram Peri, R. Sekar*

11:30– 12:30

The source is the proof

*Vivek Haldar, Christian H. Stork, Michael Franz*

12:30 Lunch

### **SESSION 4. USABILITY. ANGELA SASSE, SESSION CHAIR**

2:00 – 3:00

An approach to usable security based on event monitoring and visualization

*Paul Dourish and David Redmiles*

3: 00– 4: 00

Moving from the design of usable security technologies to the design of useful secure applications

*Diana Smetters and Beki Grinter*

4:00– 4:15 BREAK

### **SESSION 5. PANEL DISCUSSION. STEVE GREENWALD, PANEL CHAIR**

4:15– 5:45

Assurance in Life/Nation Critical Endeavors

*Panelists: Steven J. Greenwald, J. Michael Williams, Carla Marceau, Bob Blakley*

7:00 - 8:30 Dinner

## **THURSDAY, SEPTEMBER 26**

7:00 – 8:30 Breakfast

8:30 – 8:45 Opening remarks. General Chairs

### **SESSION 6. SECURING INFORMATION. BOB BLAKLEY, SESSION CHAIR**

8:45 – 9:45

Capacity is the wrong paradigm

*Ira S. Moskowitz, LiWu Chang, Richard Newman*

9:45 - 10:00 break

10:00 – 11:00

Towards achieving acceptable security in secure multi-party computation

*Wenliang Du*

11:00 – 12:00

Guarding the next Internet frontier: countering denial of information attacks

*Mustaque Ahamad, Wenke Lee, Ling Liu, Leo Mark, Edward Omicinski, Calton Pu, Andre dos Santos*

12:00 – 12:30 Wrap-up and business meeting

12:30 – 2:00 Lunch