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 Toyoizumi 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 Omicienski, Calton Pu, Andre dos Santos

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

12:30 – 2:00 Lunch