New Security Paradigms Workshop
2006 Program

Tuesday, 19 September 2006

18:00 – 20:00   Dinner

20:00 –   Welcome Reception

Wednesday, 20 September 2006

07:30 – 09:00   Breakfast

09:00 – 09:30   Welcome and Announcements from the Chairs

Session 1: Malware (chair TBD)

09:30 – 10:35   *Cent, Five Cent, Ten Cent, Dollar: Hitting Malware Where it Really Hurts* (Ford, Gordon)

10:35 – 11:10   Break

11:10 – 12:15   *Dark Application Communities* (Locasto, Stavrou, Keromytis)

12:15 – 13:30   Lunch

Session 2: Detecting and Deceiving (chair TBD)

13:45 – 14:50   *Dorothy Denning was Wrong! A Provocative Discussion of Anomaly Detection* (Gates, Taylor)

14:50 – 15:55   *Inconsistency in Deception for Defense* (Neagoe, Bishop)

15:55 – 16:30   Break

Session 3: Monitoring (chair TBD)

16:30 – 17:35   *Patrol vs. Control: A New Paradigm for Network Monitoring* (Carvalho-Rodrigues, McHugh, Townsend)

17:35 – 18:00   Break
18:00 –   Dinner

Thursday, 21 September 2006

07:30 – 09:00   Breakfast

09:00 – 09:15   Organizational Announcements

Session 4: Data (chair TBD)

09:15 – 10:20   *Open Problems in Data Sanitization* (Crawford, Bishop,
                              Bhumiratana, Clark, Levitt)

10:20 – 10:55   Break

10:55 – 12:15   *Large-Scale Collection and Sanitization of Security Data:
                              Risks and Challenges* (Porras, Shmatikov)

12:15 – 13:30   Lunch

Session 5: Recipes for Disaster (chair TBD)

13:45 – 14:50   *Googling Considered Harmful* (Conti)

14:50 – 15:55   *A Pact With the Devil* (Bond, Danezis)

15:55 – 16:30   Break

Session 6: Security Engineering (chair TBD)

16:30 – 17:35   *E-Prime for Security: A New Security Paradigm* (Greenwald)

17:35 – 18:00   Break
18:00 –   Dinner

Friday, 22 September 2006

07:30 – 08:45   Breakfast

08:45 – 09:00   Organizational Announcements

Session 7: Forensics (chair TBD)

09:00 – 10:00   *Diffusion and Graph-Spectral Methods for Network Forensic Analysis* (Wang, Daniels)

10:00 – 10:30   Break

Session 8: Panel (chair: Peter Guttman)

10:30 – 11:30   *Panel: PKI Design for the Real World* (Guttman)

11:30 – 12:15   Business Meeting

12:15 –   Lunch