

Computer Network Forensics Research Workshop Program

September 5, 2005

8:00 a.m. Opening and Welcome

Thomas Daniels, Iowa State University

8:30 a.m. Paper Session: Network Forensics Models

Modeling the Network Forensics Behavior, *Wei Ren, Samuel Chanson, Hong Kong University*

Network Forensics: Towards a Classification of Traceback Mechanisms, *Sarandis Mitropoulos, Dimitrios Patsos, Christos Douligeris, University of Piraeus, Greece*

10:00 a.m. Break

10:30 a.m. Paper Session: CyberCrime Profiling

Leakage of Classified Information By E-Mail: A Case Study, *Murilo Pereira, Rua Osvaldo Cruz, Brazil*

Cyberprofiling: Offender Profiling and Geographic Profiling of Crime on the Internet, *Brian Tompsett, Angus M. Marshall, Natasha C. Semmens, University of Hull, UK*

12:00 p.m. Lunch

1:00 p.m. Paper Session: Network Forensic Tools and Techniques

Investigating Real-Time System Forensics, *Joseph C. Sremack, Washington, DC*

Trusted Internet Forensics: Design of a Network Forensic Appliance, *Danilo Bruschi, Mattia Monga, Emilia Rosti, Università degli Studi di Milano, Italy*

Sharing Network Logs for Computer Forensics: A New Tool for the Anonymization of NetFlow Records, *Adam Slagell, Yifan Li, National Center for Supercomputing Applications, Champaign, IL*

3:15 p.m. Break

3:30 p.m. Working Groups

What is Networking Forensics?

What are key research problems, challenges, and limits?

4:30 p.m. Groups Report

5:00 p.m. Closing