



ICT-FORWARD Project
1st FORWARD Workshop • Goteborg, Sweden • April 17-18, 2008

Organizer: Chalmers University of Technology, Sweden

FORWARD 1st Workshop Agenda

Thursday, April 17

- 8:00 – 9:00 Registration
- 9:00 – 9:15 Opening remarks
- 9:15 - 9:30 Presentation of Lindholmen Science Park and the Security Arena
- Keynote:**
9:30 - 10:00 Cybersecurity: Opportunities and changes, Pradeep Khosla (CMU)
- Session 1:**
10:00- 10:45 Threats on the Internet seminar
- 10:45 - 11:00 Coffee break
- Session 2:**
11:00 - 12:30 Threats on the Internet seminar
- 12:30 - 13:40 Lunch
- 13:40 – 16:45 **Working groups** (presentations and discussions, coffee being served around 15:00)
- 16:45 - 17:00 Break
- Session 3:**
17:00 - 18:00 ICT Security Work Programme, Thomas Skordas/Massimo Cisco (EU)
- 19:30 - Dinner at Palace Restaurant (at Brunnsparken)

Friday, April 18

- Session 4:**
8:30 - 10:00 Plenary talks
- 10:00 - 10:20 Coffee break
- 10:20 - 12:00 **Working groups** (discussions, people allowed to switch)
- Keynote:**
12:00 - 12:30 21st Century Cyber Security Challenges - A Perspective from Large-Scale Global Enterprise, Ming-Yuh Huang (Boeing)
- Session 5:**
12:30 - 13:00 Summary and conclusions
- 13:00 - 14:30 Lunch
- 14:30 Closing 1st FORWARD workshop

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FORWARD 1st Workshop – Session details

Session 1: Threats on the Internet

- ▶ Michael Behringer (Cisco)
Emerging Threats to the Internet Infrastructure
- ▶ Marc Dacier (Symantec)
Internet Threats Survey
- ▶ Angelos Keromytis (Columbia University)
Race to the bottom: Malicious (or broken) hardware

Session 2: Threats on the Internet (cont'd)

- ▶ Luis Corrons Granel (Panda Security)
The Business of Cybercrime
- ▶ Giovanni Vigna (UC Santa Barbara)
Undermining the Underground Economy
- ▶ Asmund Nyre (SINTEF ICT)
Privacy - Controlling Personal Information
- ▶ Andrei Sabelfeld (MOBIUS)
Emerging Threats: A Perspective from Mobius (EU project Mobility, Ubiquity, and Security)
- ▶ Alberto Stefanini (JRC - IPSC/SCNI)
Experimental Security of Control and Supervision Systems for Process Plants and Critical Infrastructures
- ▶ Neeraj Suri (TU Darmstadt) and Jim Clarke (Waterford Institute of Technology)
Areas of exploration for International Cooperation in Security and Trust

Working Group 1: Large-scale software systems

- ▶ Serdar Tasiran (Koc University)
Concurrency-Related Vulnerabilities and Program Verification
- ▶ Roland Rieke (Fraunhofer)
Upcoming information security threats - an end-user perspective

Working Group 2: Network and monitoring

- ▶ Guevara Noubir (Northeastern University)
Cross-Layer Attacks and Countermeasures in Wireless Communication Networks
- ▶ Elisa Boschi (Hitachi Europe - PRISM)
Towards privacy preserving network monitoring
- ▶ John Ioannidis (Packet General Networks)
Attacks and Defenses for the Internet Routing Infrastructure



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Working Group 3: Critical infrastructure protection

- ▶ Frank Kargl (Ulm University)
Security in Inter-Vehicle Networks
- ▶ Eric Nordin (Combitech)
Go with the safe flow
- ▶ Barbara Daskala
Towards assessing and managing emerging and future risks

Working Group 4: Malware

- ▶ Thorsten Holz (University of Mannheim)
Challenges in Honeypot-based Research
- ▶ Emiliano Martinez Contreras (Hispacec Sistemas)
BruteScan: Malware and Security Measures Sampler for End-User Computers
- ▶ Frank Veysset (France Telecom)
Botnet, malware and traffic analysis

Working Group 5: Fraud

- ▶ Julio Canto (Hispacec Sistemas Lab)
Online Fraud: The need for a step forward
- ▶ Gerhard Paass (Antiphish/Fraunhofer)
Detection of Phishing Emails to Secure Communication Infrastructure
- ▶ Wolfgang Trexler (Bank Austria)
Providing secure banking in an unsecure Internet

Session 4:

- ▶ Danilo Bruschi (Universita di Milano)
Computer Security in EU: What is the lack?
- ▶ Daniel Chavarri (S21sec Labs)
Current and future trends on e-crime
- ▶ Evangelos Markatos (FORTH)
The future of Malware: From Fun and Profit to Physical Harm
- ▶ Darren Mutz (Virgin Charter)
Scalable Development of Secure Software
- ▶ Martin Koyabe (BT Group)
Next Generation ICT Infrastructure Threats
- ▶ Alberto Pasquini (DeepBlue)
Security and dependability perspectives in Air Traffic