65th Meeting of IFIP Working Group 10.4 on Dependable Computing and Fault Tolerance

Sorrento, Italy, January 23-27, 2014

Final Program

Thursday, January 23

19:00 Welcome reception

Friday, January 24

8:30 Introduction to the meeting

Paulo Verissimo (U. Lisbon), Andrea Bondavalli (U. Florence)

Workshop on Security Assessment: Metrics and Methods
Co-chairs: Zbigniew Kalbarczyk, John Meyer, Bill Sanders

8:45 Introduction to the workshop

John Meyer (U. Michigan)

Session 1 Moderator: Jay Lala (Raytheon)

9:00 Andrea Guarino (Acea SpA), The Fault of Defaults - Don't Let Anyone Else Make Your Security Choices

9:45 Zbigniew Kalbarczyk (U. Illinois), Quantitative Security Research at Illinois: From Data & Models to Metrics

10:30 Discussion

10:45 *Coffee break*

Session2 Moderator: Lisa Spainhower (IBM, retired)

11:15 Mustaque Ahamad (Georgia Ins't Tech.), Challenges in Data-Driven Characterization of Cyber Attacks
12:00 Salvatore Stolfo (Columbia U.), An Empirical Approach to Measuring Defense-in-Depth as a Cloud-Based Service

12:45 Discussion

13:00 *Lunch*

15:30 *Coffee break*

Session 3 Moderator: Tom Anderson (Newcastle U.)

16:00 Richard Lippmann (MIT Lincoln Labs), Threat-Based Metrics for Continuous Enterprise Network Security Management (based on work with James Riordan)

16:45 Steve Noel (Mitre Corp.), Metrics Suite for Network Attack Graphs

17:30 Discussion

17:45 ***End of meeting day 1***

Saturday, January 25

Session 4 Moderator**:** Karama Kanoun (LAAS-CNRS)

8:30 Robin Bloomfield (City U. London), Security Risk Assessment: Between Snake Oil and Science

9:15 Laurie Williams (NC State U.), Where Should I Look? Using Metrics to Prioritize Verification Efforts

` 10:00 Discussion

10:15 ***Coffee break***

Session 5 Moderator: Mootaz Elnozahy (King Abdulla U.)

10:45 DongSeong (Dan) Kim (U. Canterbury), Toward Scalable Security Models and Analysis

11:30 Andrea Cecarrelli (U. Florence), Design and Security Assessment of a Protocol for Continuous User Identity Verification

12:15 Discussion

12:30 ***Lunch***

15:30 ***Coffee Break***

Session 6

16:00 Workshop wrap-up

16:50 ***End of workshop***

Business Meeting

17:00 IFIP Working Group 10.4 business meeting

18:30 ***End of meeting day 2***

Sunday, January 26

Excursion and banquet

Monday, January 27

8:30 Research Reports (on-site enrollment)

10:00 *Coffee Break*

10:30 Research Reports (continued)

12:00 *Lunch*

13:30 *End of meeting*