66th Meeting of the IFIP 10.4 Working Group on

Amicalola Falls Lodge, Dawsonville, Georgia, June 27-29, 2014

Electrical Smart Grids: Security and Dependability

Final Program

Thursday, June 26, 2014

19:00   Welcome reception, in the hotel (exact location to be defined)

Friday, June 27, 2014

8:30   Meeting Start

Introduction to the meeting (Paulo Veríssimo, University of Lisboa and Walt Heimerdinger)

The Electrical Smart Grids Security and Dependability Problem (Nuno Neves, University of Lisboa)

Workshop on Electrical Smart Grids: Security and Dependability

Co-chairs: Kevin Driscoll, Honeywell; Nuno Neves, University of Lisbon

9:00   Session 1 (Chair: David Powell)

Stochastic Modelling of Cyber Attacks in Power Systems (Peter Popov, City University London)

NP-View Automatic Analysis of Process Control Network Firewall Configurations (William Sanders, University of Illinois at Urbana-Champaign)

10:30   Discussion

10:45   Coffee break

11:15   Session 2 (Chair: Matti Hiltunen)

Intrusion Tolerance for Critical Infrastructures (Yair Amir, Johns Hopkins University)

A Fault- and Intrusion-tolerant Architecture for the Portuguese Power Distribution SCADA System (Alysson Bessani, University of Lisboa)

12:45   Discussion

13:00   Lunch

15:30	**Session 3 (Chair: Matti Hiltunen)**
	Smart Control of Energy Distribution Grids over Heterogeneous Communication Networks (Davide Iacono, Resiltech)
16:15	Discussion
16:30	Coffee break
17:00	**Business Meeting of WG 10.4**
	IFIP Working Group 10.4 business meeting
19:00	**End of meeting day 1**

Saturday, June 28, 2014

9:00	**Session 4 (Chair: Jean Arlat)**
	Model-based Intrusion Detection System (IDS) for Smart Meters (Karthik Patabiramam, University of British Columbia)
	Real-time and Retrofit Encryption for the Grid (Kevin Driscoll, Honeywell)
10:30	Discussion
10:45	Coffee break
11:15	**Discussion and meeting wrap-up**
	Presentation of session summaries
12:30	Lunch
14:00	**Free time (self-organized excursion programs)**
19:00	**Return to hotel**
20:00	**Banquet**

Sunday, June 29, 2014

9:00	**Research Reports (on-site enrollment)**
12:00	Lunch
13:30	**End of meeting**