## 67th Meeting of IFIP Working Group 10.4 on Dependable Computing and Fault Tolerance

Tortworth, Bristol, UK; January 22-26, 2015

## Program

Thursday	r, January 22
19:00	Welcome reception
Friday, Ja	anuary 23
8:30	Introduction to the meeting Paulo Verissimo (University of Luxembourg)
	op on the Science of Cyber-Security Maxion (with generous help from Tom Anderson and Paulo Verissimo)
8:45	Introduction to the workshop Roy Maxion (Carnegie Mellon University)
Session 1	Moderator/rapporteur: Aad van Moorsel (Newcastle University, UK)
9:00	What does it mean to do science, and are we doing it?  John McHugh (University of North Carolina and RedJack, Inc.)
9:45	An exercise in applying junk-science criteria to fuzz testing Phil Koopman (Carnegie Mellon University)
10:30	Discussion
10:45	Coffee break
Session 2	Moderator/rapporteur: Walt Heimerdinger (Honeywell Labs – retired)
11:15	Reliability and reproducibility in cyber security research Victoria Stodden (University of Illinois)
12:00	Are we asking the right questions?  Great science needs to relate to today's problems  Susan Appleby (GCHQ, UK)
12:45	Discussion
13:00	Lunch
15:30	Coffee break
Session 3	Moderator/rapporteur: Chris Walter (WW Technology Group)
16:00	Perspectives on security as an empirical science Vern Paxson (University of California, Berkeley)
16:45	Structure as an aid to good science Roy Maxion (Carnegie Mellon University)
17:30	Discussion
18:00	End of meeting day 1

Saturday, January 24		
Session 4 Moderator/rapporteur: Robert Stroud (Adelai	rd)	
8:30 In Pursuit of Asymmetric Resilience: Applying	g Science Practices to	
Cybersecurity		
Nick Multari (Pacific Northwest National Lab, US)		
9:15 From infrastructure to science Laura Tinnel (SRI, US)		
10:00 Discussion		
10:15 <i>Coffee break</i>		
Session 5 Moderator/rapporteur: Peter Ryan (University of Luxembourg)		
10:45 Avoiding pseudoscience in the science of sect	9.	
a case study of malware analysis	•	
Jonathan Spring (CERT/Software Engineering Insti	·	
11:30 <b>How did we get into this mess, and how will v</b> Sami Saydjari / Shing-hon Lau (Cyber Defense Ag	•	
12:15 Discussion	ency/carnegie Mellon)	
12:30 <i>Lunch</i>		
14:30 <i>Coffee Break</i>		
Session 6 Rapporteurs/Chair		
15:00 Workshop wrap-up		
15:50 End of workshop		
WG Business meeting		
16:00 IFIP Working Group 10.4 business meeting		
17:30 End of meeting day 2		
Workshop banquet on board S.S. Great Britain		
18:15 Coach departs from hotel		
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Sunday, January 25		
10:00 Excursion to Bath		
19:00 <b>Evening dinner</b> (at hotel) to commemorate the 255 <sup>th</sup> birthday of the Scottish	noot Dobort Purps	
to confine morate the 255° birthday of the 3cottisi	i poet Robert Burns	
Monday, January 26		
Monday, January 26 8:30 Research Reports (on-site enrollment)		
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8:30 Research Reports (on-site enrollment) 10:00 <i>Coffee Break</i>		