SCC Meeting 7 - Agenda: The Strategic Vision for the State of Practice in Software Certification

Sunday 1 May, 2011

Group Meal		
11:45 – 13:00		Lunch
Start of Meeting		
13:00 – 13:15		Welcome and introduction
Session 1 – The Nature of Software Certification		
13:15 – 13:45		Marc Bender, McSCert: "*What is Software Certification?*"
13:45 – 14:15		Brian Larson, Multitude Corporation: "*Is Certified Software Actually Correct?*"
14:15 – 15:00		Discussion and questions
Break		
15:00 – 15:15		Coffee
Session 2 – Visions from Regulators		
15:15 – 15:45		Sushil Birla, US NRC: "*Strategic Vision in Certifiable Software: Cross-domain commonalities*"
15:45 – 16:15		Paul Jones, US FDA: "*Certification and Assurance Cases in a Regulatory Environment*"
16:15 – 17:00		Discussion and questions
Session 3 – SCC Business		
17:00 – 17:30		SCC Scope of work
Group Meal		
18:30 – 20:00		Dinner

Monday 2 May, 2011

Group Meal		
07:00 – 08:30		Breakfast
Session 4 – The Big Picture		
08:30 – 09:00		Nancy Leveson, MIT: "*Cost-Effective Certification of Software-Intensive Systems*"
09:00 – 09:30		Jeff Joyce, Critical Systems Labs: "*Objective Versus Prescriptive Standards for Certification of Software-Intensive Systems*"
09:30 – 10:15		Discussion and questions
Break		
10:15 – 10:30		Coffee
Session 5 – Domain Specific Visions		
10:30 – 11:00		Joe D'Ambrosio, GM R&D: "*Automotive Software Safety: Current Practice and Future Challenges & Opportunities*"
11:00 – 11:30		Jens Weber, UVic: "*A Strategic Vision for the State of Practice for Certifying eHealth Software*"
11:30 – 12:00		Discussion and questions
Group Meal		
12:00 – 13:15		Lunch
Session 6 –Visions from Government Agencies		
13:15 – 13:45		Bob Warne, CESG UK: "*Security Assurance Cases*"
13:45 – 14:15		Lisa Carnahan, NIST: "*Standards-based Conformity Assessment of (Software) Products*"
14:15 – 15:00		Discussion and questions
Break		
15:00 – 15:15		Coffee
Session 7 – The Medical Domain		
15:15 – 15:45		Insup Lee, UPenn: "*Toward the model-based development of a GPCA reference implementation*"
15:45 – 16:15		John Hatcliff, Kansas State: "*An Overview of Regulatory and Trust Issues for the Integrated Clinical Environment*"
16:15 – 17:00		Discussion and questions
Session 8 – Finale		
17:00 – 17:30		Conclusion