Software Certification Consortium
Meeting #12
October 28 - 29, 2013

System Safety Requirements – Methods for Their Development and Validation

AGENDA

MONDAY

08:30 – 09:00	Introductions & Context
09:00 – 09:30	**Nancy Leveson** – MIT
	Introduction To A Systems Approach To Requirements Generation For Safety
09:30 – 10:00	**John McDermid** – University of York
	The "Classical" Approach To Deriving Safety Requirements
10:00 – 10:15	*Coffee*
10:15 – 11:00	Discussion 1
11:00 – 11:30	**Sushil Birla** – US NRC
	Evaluating Hazard Analysis Of A Distributed Digital System For Nuclear Reactor Safety
11:30 – 12:00	**Paul Jones** – US FDA
	What The FDA Looks For In Submitted System Safety Requirements
12:00 – 13:00	*Lunch*
13:00 – 13:45	Discussion 2
13:45 – 15:30	Breakout #1 & Coffee
15:30 – 16:30	Report Back
17:30 – 18:30	*Social at TBD*
18:30 – 21:00	*SCC Dinner at P.F. Changs – White Flint Mall – 11201 Rockville Pike*

TUESDAY

08:30 – 09:00	**Donald Firesmith** – SEI
	The Four Types Of Safety-Related Requirements And Their Relationships To Other Types Of System Requirements
09:00 – 09:30	**Tom Maibaum** – McMaster University
	What is Engineering Knowledge: What is a BoK?
09:30 – 09:45	*Coffee*
09:45 – 10:30	Discussion 3
10:30 – 11:00	**Peter Feiler** – SEI
	Architecture-centric Strategies for Addressing Challenges in Software-reliant Safety-critical Systems
11:00 – 11:30	**John Thomas** – MIT
	Generating Executable Software Requirements Through Hazard Analysis
11:30 – 12:00	**Connie Heitmeyer** – NRL
	Specifying Requirements for Safety-Critical Systems
12:00 – 13:00	*Lunch*
13:00 – 13:45	Discussion 4
13:45 – 15:00	Breakout #2 & Coffee
15:00 – 16:00	Report Back
16:00 – 16:30	Summary & Wrapup