


Wednesday, 23 August 2017: Technical Program Schedule

		Alvarado A	Alvarado B	Alvarado C	Alvarado D	Alvarado E	Alvarado F	Alvarado G	Alvarado H	Potters Room	Weavers Room	Turquoise Room
Track		Hazard Recognition/Risk Management	Aviation/Aerospace	Tutorial	Tutorial	System Safety Standards	Weapon Safety/Safe-by-Design	Tutorial		Tutorial	Tutorial	Tutorial
Session Chair		TBD	Zigmund Bluvband			Pinar Ayyildiz	Alan Southwick					
0800 - 0840		Design Phase Elimination of Beryllium: Dangerous Goods III Presenter: Richard Zito 0800 - 0840	Requirements and Analysis of a High Pressure System Presenter: R. J. Miller 0800 - 0840			Level of Rigor (LOR) Activities for a MIL-STD-882E Program Presenter: Richard Bathke 0800 - 0840	Development of Hazard Tracking System and Fuzzy Risk Inference System in NCSIST Presenter: Guo-feng Liang 0800 - 0840					
0840 - 0850	Break	Break	Break			Break	Break					
0850-0930		The Nature of Risk and Near-Miss Presenter: David Sadler 0850 - 0930	Hazard Considerations for Vulcan Launch Vehicle Major Development Presenter: Shawn Laabs 0850 - 0930	MIL-STD-882E Software Safety Analysis: Part 1: A brief review and a new approach to instruction Presenter: Brian Connell <b>Tutorial, CEU Credits: 0.3</b> 0800 - 1130	System Safety Analysis Class Part 2 Presenter: Charles Hoes <b>Tutorial, CEU Credits: 0.6</b> 0800 - 1130 <i>*Must attend Parts 1 &amp; 2 to be awarded CEU credits</i>	Using Tailored MIL-STD-882E Safety Criticality Rules for both Software and Hardware Presenter: Sam Mason 0850 - 0930	Strength in Depth and Quantitative Risk Assessment in the Context of Low Frequency High Consequence Systems Presenter: Malcolm Jones 0850 - 0930	An Introduction to STAMP and STPA Presenter: Nancy Leveson <b>Tutorial, CEU Credits: 0.6</b> 0800 - 1700		Common Cause Failure Analysis Presenter: John Rankin <b>Tutorial, CEU Credits: 0.3</b> 0800 - 1130	System Safety Part 1: Hands-On System Safety Basics Presenter: Werner Winkelbauer <b>Tutorial, CEU Credits: 0.3</b> 0800 - 1130	AFOTEC Integration of Systems Safety into the ESOH Management System, and Cybersecurity Operational Testing in support of Defense Acquisition - Part I & 2 Presenters: Scott Smith & Rod Earl <b>Tutorial, CEU Credits: 0.6</b> 0800 - 1700
0930-1000	Break	Break	Break			Break	Break					
1000 - 1040		Déjà Vu with Overlooked Safety-Critical Item Verification Presenter: Tyrone Jackson 1000 - 1040	Learning lessons from Space Industry's "Karma" for advancing System Safety Science: Application of "System for Investigation of Railway Interfaces (SIRI) Methodology" Presenter: Sanjeev Appicharla 1000 - 1040			New Definitions for a New Science Presenter: Richard Zito 1000 - 1040	Application of Software Safety Engineering on Remote Controlled Weapon System (RCWS) Presenter: William Wei Liang Tan 1000 - 1040					
1040 - 1050	Break	Break	Break			Break	Break					
1050 - 1130		 It's Not Easy Staying Green! New Mexico Chile	Leveraging manned spaceflight events for systems safety – Lessons from the Space Shuttle mission STS-1 aft compartment accident Presenter: Timothy Riley 1050 - 1130			TBD	TBD					
1130 - 1330	Explore Albuquerque!! Go and discover some of the lovely restaurants just outside of the hotel and don't forget your discount card!! 1130 - 1330											
Track		Tutorial	Aviation/Aerospace	Tutorial	Tutorial	Tutorial	Explosives Safety	Tutorial		Tutorial	Tutorial	Tutorial
Session Chair			Shawn Laabs				Arthur Barondes					
1330 - 1410			Quantifying Human Error in the Cockpit Presenter: Robert Carlton 1330 - 1410				Probabilistic Aspects of Initiation of Explosives and Ammunition Presenter: Martijn van der Voort 1330 - 1410					
1410 - 1420	Break		Break				Break					
1420 - 1500		High Performance Teaming Presenter: Celeste Drewien <b>Tutorial, CEU Credits: 0.3</b> 1330 - 1700	FRACAS and Lessons Learned in Failure Tracking Presenter: Pinar Ayyildiz 1420 - 1500	MIL-STD-882E Software Safety Analysis: Part 2: Improved Understanding Via Gamification Presenter: David Musgrave <b>Tutorial, CEU Credits: 0.3</b> 1330 - 1700	System Safety Management Class Part 2 Presenter: Russell Mitchell <b>Tutorial, CEU Credits: 0.6</b> 1300 - 1700 <i>*Must attend Parts 1 &amp; 2 to be awarded CEU credits</i>	Assessing the Safety or Reliability of a System Using Event-Sequence Analysis Presenter: Ted Yellman <b>Tutorial, CEU Credits: 0.3</b> 1330 - 1700	Safety Management Systems within NATO (MSIAC) Nations Presenter: Martin Pope 1420 - 1500	An Introduction to STAMP and STPA Presenter: Nancy Leveson <b>Tutorial, CEU Credits: 0.6</b> 0800 - 1700		Introduction to Field Programmable Gate Array (FPGA) Technology Presenter: Charles Fulks <b>Tutorial, CEU Credits: 0.3</b> 1330 - 1700	System Safety Part 2: Practical Generation of Safety Cases With the Help of GSN Presenter: Andreas Gertstinger <b>Tutorial, CEU Credits: 0.3</b> 1330 - 1700	AFOTEC Integration of Systems Safety into the ESOH Management System, and Cybersecurity Operational Testing in support of Defense Acquisition - Part I & 2 Presenters: Scott Smith & Rod Earl <b>Tutorial, CEU Credits: 0.6</b> 0800 - 1700
1500 - 1530	Break		Break				Break					
1530 - 1610			Interactive Risk-Based Planning for High-Density Unmanned Airborne System ('Drone') Traffic Management (UTM) Presenter: Chris Johnson 1620 - 1700				TBD					
1610 - 1620	Break		Break				Break					
1620 - 1700			TBD									
1730 - 1830				Virtual Chapter Meeting Chapter President: Lee Flint 1730 - 1830			Joint Chapter Meeting Washington DC and New Mexico Chapter Chapter Presidents: Paul Denk (WDC) and Stacey Durham (NM) 1730 - 1830					