

Socorro Systems Summit–Collaborative Knowledge Exchange–Apr 5-6, 2019

Co-sponsors: INCOSE Enchantment Chapter and New Mexico Tech Electrical Engineering Department.

Practitioners gathering for knowledge exchange and development on issues of mutual interest.

Location: New Mexico Tech (NMT), Socorro, New Mexico.

Day-1: Choose four from eight ¼-day topic introductions, collaboratively setting objectives for Day-2.

Day-2: Choose two from eight ½-day topic workshops, for developing collective knowledge.

Tour: Large Antenna Array, National Radio Astronomy Observatory, 4-April 11:15-14:15 on site, hour+ from Socorro.

Organizing Committee

- Rick Dove, Event Chair, Paradigm Shift International, dove@parshift.com
- Mary Compton, Sandia National Laboratories, mlcompt@sandia.gov
- Dr. Aly El-Osery, New Mexico Tech Electrical Engineering Department, aly.elosery@nmt.edu
- Dr. Heidi Hahn, Los Alamos National Laboratory, hahn@lanl.gov
- Ann Hodges, Sandia National Laboratories, alhodge@sandia.gov
- Dr. Eric Smith, University of Texas El Paso, esmith2@utep.edu



Program Committee (workshop topic facilitators)

- John Brtis, MITRE, jbrtis@comcast.net
- Rick Dove, Paradigm Shift International, dove@parshift.com
- Dr. Heidi Hahn, Los Alamos National Laboratory, hahn@lanl.gov
- Ann Hodges, Sandia National Laboratories, alhodge@sandia.gov
- Ron Lyells, Retired Honeywell, rlyells@aol.com
- Dr. Oscar Mondragon, University of Texas El Paso, omondragon@utep.edu
- Dr. Eric Smith, University of Texas El Paso, esmith2@utep.edu

Friday April 5, 2019 – Topic Intros and Objective Setting for Saturday Workshop

08:00	General Session: Welcome and What Will Happen – Aly El-Osery and Rick Dove, Ballrooms B & C	
08:45	Keynote: Kerry Lunney, ESEP, INCOSE President Elect, Thales Australia Country Engineering Director/Chief Engineer	
09:15	Adjust Room Walls for Break-Outs – Coffee Break	
09:30 10:45	Full Life Cycle Attention by System Developers Facilitator: Ann Hodges Ballroom B	Problem Space Focus Before Solution Work Facilitator: Ron Lyells Ballroom C
11:00 12:15	Mixed Discipline SE Training Facilitator: Heidi Hahn Ballroom B	Verification & Validation of SE Models Facilitator: Oscar Mondragon Ballroom C
12:30	Lunch on Your Own	
13:30 14:45	Agile SE in Mixed Discipline Projects Facilitator: Rick Dove Ballroom B	Student Involvement in Chapter & WG Activities Facilitator: John Brtis Ballroom C
15:00 16:15	Autonomous Systems Complexity Assessment Facilitator: Eric Smith Ballroom B	Women as Leaders in Systems Engineering Facilitator: Ann Hodges Ballroom C
16:30	Break	
17:00	Reception with Refreshments and Saturday Workshop Posters: Objectives and Choices, Ballroom A	
18:00	Dinner on Your Own	Optional Dinner Gathering TBD – announced at Summit in the morning

Saturday April 6, 2019 – A Focus on Impediments and Enablements – Rooms in Workman Center (WMC)

08:00 11:15	Full Life Cycle Attention by System Developers Ann Hodges, WMC 109	Verification & Validation of SE Models Oscar Mondragon, WMC 113	Agile SE in Mixed Discipline Projects Rick Dove, WMC 117	Problem Space Focus Before Solution Work Ron Lyells, WMC 205
11:15	Lunch on Your Own			
12:15 15:30	Mixed Discipline SE Training Heidi Hahn, WMC 109	Student Involvement in Chapter & WG Activities John Brtis, WMC 113	Women as Leaders in Systems Engineering Ann Hodges, WMC 117	Autonomous Systems Complexity Assessment Eric Smith, WMC 205
15:45	MSEC 101	General Session: Eight Brief Outs of Results @ 10 Minutes Each		
17:15	MSEC 101	General Session: Wrap Up and Open Discussion		
18:00	(MSEC: Mineral Science & Engineering Center)	Adjourn		