

INCOSE WSRC-19 Technical Program Elements (as of: Sept. 6, 2019)

#	Author(s)	Title	Topic Area
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WORKSHOPS AND TUTORIALS

23	Ronald Carson	Correcting Misperceptions of Systems Engineering Practices	
4	Michael Coughenour and Steve Tolle	Systems Engineering Bootcamp: Taking SE to the Next Level	
30	David Mason	CSEP 2 day Examination Preparation Class	
55	Rick Hefner and J Shelley	Systems Engineering to the Rescue	

PROFESSIONAL DEVELOPMENT DAY PRESENTATIONS

18	Rick Dove	Agile Systems Engineering Life Cycle Model for Mixed Discipline Engineering	Agile
43	Matthew Getts and Steven Martin	Applying Agile Principles and Practices in a High-Stakes Government Acquisition Environment	Agile
32	Robert Day	Integrating System Engineering at John Deere	Case Studies
28	Bo Oppenheim	A Study of the Application of Systems Engineering in Healthcare	Healthcare
45	Michelle Dennison, Vinodini Sundaram and David Garcia	Modeling Disparate System Designs to Create a Government Reference Architecture	MBSE
8	John Wood	Systems Engineering Relevance in Lawmaking	Ntrl Social Sys
11	Celeste A Drewien, Marguerite Evelyn Hess and Thor D Osborn	Systems Analysis Overview	Sys Rsrch & Anlys
13	Pamela Wiedenbeck	Managing Systems Engineering in the Multi-generational Project Environment	Workforce
22	Vanessa Morales and Brian Holub	SoS and Agile Systems Engineering Case Study	Agile

PRESENTATIONS, PANELS, AND POSTERS (BY TOPIC AREA)

22	Vanessa Morales and Brian Holub	SoS and Agile Systems Engineering Case Study	Agile
33	Malina Hills, Allyson Yarbrough, Christina Tan, Jim Anderson and James Womack	Agile Mission Assurance for Space Innovation	Agile

46	Brett Parker and Christina Zamloot	Leadership in an Agile Workspace: Tools for Meeting Deadlines and Constraints	Agile
14	Kenneth Diemunsch, John Chy and Bradley Banks	Systems Engineering Approach and Tools for supporting large complex Train Control upgrade project	Case Studies
26	Paul Kostek	Introducing Requirements Management and Tools into an Organization	Case Studies
39	Susan Ronning	Developing a Systems Engineering Model and Outreach plan in Wireless Telecommunications	Case Studies
6	Parisa Pouya	A Systems Engineering Solution to Reduce Alarm Fatigue and Fatigue Incidents	Healthcare
21	Chris Meeker	Case Study of MBSE in Health Care: Systems Modeling Drives Stakeholder Engagement for Early Validation, Robust Requirements and Rapid Prototyping	Healthcare
29	Bo Oppenheim	LMU Healthcare Systems Engineering Master's Program	Healthcare
44	Casey Medina	Same Taste, Less Filling – Deploying Key Elements of MBSE in Medical Device Design	Healthcare
20	Rob Stevens	Implementing MBSE for All Development Phases of AeroCube 10	MBSE
25	Dan Cota and Jason Kinsfather	Cost Engineering is an integral element of MBSE and the Digital Enterprise	MBSE
27	Albert Hoheb	INCOSE Model Based Capabilities Matrix	MBSE
31	Robert Day and Matthew Hause	Frenemies: OPM and SysML Together in an MBSE Model	MBSE
40	Maria Dagostino	Capitalizing the Benefits of MBSE	MBSE
42	Ryan Noguchi	A Roadmap for Advancing the State of the Practice of Government Implementation of Model Based Systems Engineering	MBSE
48	Saulius Pavalkis	Simulation: Interface Between Descriptive (SysML) and Analytical Models	MBSE
57	David Kaslow and Alejandro Levi	Development and Application of the CubeSat System Reference Model	MBSE
24	Ronald Carson	Alternatives for Managing Atmospheric Warming	Ntrl Social Sys

35	David Schrunk	A New Challenge for Systems Engineering: Transform Lawmaking from a Feedforward to a Feedback Control System	Ntrl Social Sys
36	Dr Julia Taylor	Do "Differences in Speed" Affect the Process of Integrating Program Management and Systems Engineering?	Ntrl Social Sys
38	David Schrunk, John Wood, Ray Madachy and Jim Gottfried	Panel Discussion – Potential use of Systems Engineering to address Human and Societal Needs	Ntrl Social Sys
9	Mehrdad Sharbaf	Proposal to present a session topic in systems security engineering	Perspectives
19	Jorg Largent	Lessons Learned	Perspectives
47	Ted Mulder	Total Systems Engineering (TSE)	Perspectives
2	Scott Jackson	The Resilience State Model as the Basis for a Markov Analysis	Sys Rsrch & Anlys
15	Edward Carroll	Shortening the Development Cycle: An Impact Assessment (short abstract)	Sys Rsrch & Anlys
16	Oris Friesen and Antonio Pizzarello	Software and Human Elements Critical for Systems Engineering	Sys Rsrch & Anlys
10	Jeffrey Willis	Political Influences that Doomed Space Shuttles – and Persist Today	Workforce
12	Abbas Rostami	Applying Systems Engineering From Startup to Grownup	Workforce
17	Paul White and Renee Steinwand	How to Give Your Chapter Membership a Boost	Workforce
34	Parker Bauer and Allen McPherson	How the Best Practices of CMMI Maturity Level 2 Benefit the 367 TRSS	Workforce
41	Victoria Schaefer-Ramirez and John Wood	Tools and Strategies to Drive Change	Workforce

CSEP KNOWLEDGE EXAM

49	Proctor	Certification Knowledge Exam	INCOSE
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