

Meeting Name	Contact Name	Meeting day(s)	Start time	End time	Meeting Listing	Meeting Description	Room	Related WG	Type
Agile Systems & SE WG General Meeting	Rick Dove	Sun, 30 Jan	13:00	15:00	Open/Working session	Intro to the working group, a review of current project status, proposed new projects, and general discussion.	Pier 1	Agile Systems and Systems Engineering; Systems Science;	Working Group
AI Principles and ISO15288	Javier Calvo, Gary Smith	Mon, 31 Jan	15:30	17:00	Open/Working session	The complexity and complicatedness of our world is escaping our ability to comprehend, work, interact, and live successfully within it. VUCA (Volatility, Uncertainty, Complexity and Ambiguity) abounds in our society and the systems we have to deal with. Multivac is the name of a fictional supercomputer, used for directing the global economy and humanity's development, featured in over a dozen science fiction stories by Isaac Asimov. Asimov also in his robot and galactic empire book postulated not just the classic 3 (later 4) laws of robotics but also the existence of corresponding (and more complex) laws of humancities. These notational principles would become the mathematical constructs for psychohistory. This being a science capable of understanding and predicting the mass sociological patterns of humanity. In his foundation series, this science was used to mitigate a 30,000 year period of galactic chaos and suffering, to a mere 1,000 years. Science fiction perhaps, but the potential is emerging and somewhat analogous. The buffers of time and space that our planet provides have been depleted such that we are now truly experiencing the emergent effects in global crises. We could certainly benefit from an AI like Multivac, whose processing of global information with suitable programming, could be rapidly adaptive (beyond anything that any individual or group of humans could achieve) to global circumstances. However such programming must also ensure sufficient constraints to serve humanity benignly and ethically within the context of AI laws. This session will explore the mapping of postulated AI principles[1] in the support of the human activity system and the ISO15288 system engineering processes. AI presented in the context of a framework[2] derived from holarchy and relational theory.	Pier 11		Working Group
AI Systems Working Group	Barclay Brown	Mon, 31 Jan	10:00	12:00	Open/Working session		Pier 11		Working Group
Architecture Working Group meetings	Anand Kumar, Jean-Luc Garnier	Sat, 29 Jan	14:00	16:30	Open/Working session	This is preliminary agenda that is awaiting confirmation from different presenters. The agenda may have last minute changes. Day 1 : (29th Jan 2022 – Open session - 14:00 to 16:30 PST (23:00 to 01:30 CET, 03:30 to 06:00 IST)) 1) Discussion on ISO/IEC 30141 – IoT Reference Architecture (Ken Crowder – 60 mins, awaiting confirmation)2) Discussion on Digital Twins (Jean-Luc Garnier – 30 mins)3) Any other Topic (30 mins)4) 30 min Tea-break (15:00 to 15:30 PST) Day 2 : (30th Jan 2022 – Open session - 14:00 to 16:30 PST (23:00 to 01:30 CET, 03:30 to 06:00 IST))1) How to consider Architecting and MBSE related standards for improvement of Digital Transformation (AFNOR/AFIS/AFNet – 30 mins)2) Discussion on Architecture Webinars (Anand Kumar – 30 mins)3) Architecture Track of EMEA workshop (Jean-Luc Garnier - 45 mins)4) Any other Topic (15 mins)4) 30 min Tea-break (15:00 to 15:30 PST) Day 3 : (31st Jan 2022 – Open session - 14:00 to 16:30 PST (23:00 to 01:30 CET, 03:30 to 06:00 IST)) 1) Discussion on Guide to ISO/IEC/IEEE 42020 - Architecture Processes (Anand Kumar – 30 mins)2) Discussion on ISO/IEC/IEEE 42010 - Architecture Description (Jean-Luc Garnier – 30 mins)3) Chapter Presentations by INCOSE - UK, AFIS, India (Tim/Jean-Luc/Anand - 45 mins)4) Any other Topic (15 mins)4) 30 min Tea-break (15:00 to 15:30 PST) Day 4 : (1st Feb 2022 – Open session - 08:00 to 10:00 PST (17:00 to 19:00 CET, 21:30 to 23:30 IST)) 1) Discussions on ArchWG future work (Anand Kumar/Jean-Luc Garnier – 30 mins)2) Discussions on Final presentation for INCOSE Market place (Anand Kumar/Jean-Luc Garnier – 30 mins)3) Any other Topic (1 hour)	Pier 2+4	Architecture;#MBSE;	Working Group
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	Anand Kumar, Jean-Luc Garnier	Tue, 01 Feb	08:00	10:00	Open/Working session	This is preliminary agenda that is awaiting confirmation from different presenters. The agenda may have last minute changes. Day 1 : (29th Jan 2022 – Open session - 14:00 to 16:30 PST (23:00 to 01:30 CET, 03:30 to 06:00 IST)) 1) Discussion on ISO/IEC 30141 – IoT Reference Architecture (Ken Crowder – 60 mins, awaiting confirmation)2) Discussion on Digital Twins (Jean-Luc Garnier – 30 mins)3) Any other Topic (30 mins)4) 30 min Tea-break (15:00 to 15:30 PST) Day 2 : (30th Jan 2022 – Open session - 14:00 to 16:30 PST (23:00 to 01:30 CET, 03:30 to 06:00 IST))1) How to consider Architecting and MBSE related standards for improvement of Digital Transformation (AFNOR/AFIS/AFNet – 30 mins)2) Discussion on Architecture Webinars (Anand Kumar – 30 mins)3) Architecture Track of EMEA workshop (Jean-Luc Garnier - 45 mins)4) Any other Topic (15 mins)4) 30 min Tea-break (15:00 to 15:30 PST) Day 3 : (31st Jan 2022 – Open session - 14:00 to 16:30 PST (23:00 to 01:30 CET, 03:30 to 06:00 IST)) 1) Discussion on Guide to ISO/IEC/IEEE 42020 - Architecture Processes (Anand Kumar – 30 mins)2) Discussion on ISO/IEC/IEEE 42010 - Architecture Description (Jean-Luc Garnier – 30 mins)3) Chapter Presentations by INCOSE - UK, AFIS, India (Tim/Jean-Luc/Anand - 45 mins)4) Any other Topic (15 mins)4) 30 min Tea-break (15:00 to 15:30 PST) Day 4 : (1st Feb 2022 – Open session - 08:00 to 10:00 PST (17:00 to 19:00 CET, 21:30 to 23:30 IST)) 1) Discussions on ArchWG future work (Anand Kumar/Jean-Luc Garnier – 30 mins)2) Discussions on Final presentation for INCOSE Market place (Anand Kumar/Jean-Luc Garnier – 30 mins)3) Any other Topic (1 hour)	Pier 2+4	Architecture;#MBSE;	Working Group
Automotive Working Group Session	Gary Rushton, Alain Dauron	Mon, 31 Jan	08:00	10:30	Open/Working session	2021 Automotive Working Group end of year report out (30 min)2022 Automotive Working Group Projects and plans (30 min)Automotive Working Group/Autosar Collaboration (30 min)Student Projects Presentation (30 min)SE, Safety, and CyberSecurity Presentation (30 min)	Pier 6	Automotive;	Working Group
BKCASE Governing Board Meeting	Art Pyster	Sun, 30 Jan	10:30	12:00	Closed	The Board of Governors will review progress, plans, budget, and other considerations for 2020 and beyond.	-	BKCASE	Business Meeting
Board of Directors Meeting	Marilee Wheaton	Sun, 30 Jan	12:00	17:30	Closed		Pier 5		Business Meeting
Budget & Planning	Mike Vinarcik	Mon, 31 Jan	09:00	10:00	Closed		Pier 1		Business Meeting
Category Theory Consortium Formulation	Michael Watson, Javier Calvo-Amodio	Tue, 01 Feb	10:00	12:00	Closed	Joint session to discuss a Consortium on Category Theory with National Institute of Science and Technology (NIST).	Pier 3	Complex Systems;Systems Science;	Working Group
Chapter Leader training	Renee Steinwand	Mon, 31 Jan	13:00	15:00	Open/Working session		Salon A	Chapter Leaders	Business Meeting
Closing Plenary	Christopher Hoffman, Olivier Dessoude	Tue, 01 Feb	15:00	16:00	Open		Salon D		Plenary
Closing Reception and Working Group Market Place	FALSE	Tue, 01 Feb	16:00	18:30	Ticket Required	In addition, you are cordially invited to attend the Closing Reception on Tuesday afternoon. The closing reception will be held at the Torrance Marriott Redondo Beach on Tuesday, 28 January 2020 from 1600 to 1830. Tickets for guests are available for purchase at \$30 per person.	Lighthouse e Ballroom		Social Event
Comms Networks as Critical Infrastructure	Susan Ronning	Sun, 30 Jan	14:00	15:00	Open/Outreach session	Our society is reliant on information sharing, in the form of data or voice, between people and things. Without it, work stops. Even short duration network outages can result in chaos. Communications Networks underpins society as we know it. Systems engineers inevitably interface with IT - OT - Telecom - Comms... whatever you call it, it has all converged. Join the Telecommunications Working Group to help "get the word out" about what are comms networks - and how we should understand and treat them as systems.	Pier 6	Critical Infrastructure Protection and Recovery;Healthcare;Infrastructure;Power & Energy Systems;Smart Cities Initiative;System of Systems;Telecommunications;Transportation;	Working Group
Configuration Management Working Group	Adriana D'Souza, Aleksander Przybylo, Dale Brown, Ayes Lahiry	Tue, 01 Feb	09:00	12:00	Open/Working session	Agenda for the day (15 min break half way through)/review of roles and changes - and step-downs any opening positions/review and update of WG Charter/review the topics we have been working on and progress -> decision to continue or stop/propose new topics and appoint leaders to the topics/plan for meetings in 2022 based on the topics proposed	Pier 6	Configuration Management;	Working Group
Corporate Advisory Board Meeting	Ron Giachetti, Donald M. York	Sat, 29 Jan	10:30	17:00	Closed		Salon D		Business Meeting
Corporate Advisory Board Workshops	Ron Giachetti, Donald M. York	Sun, 30 Jan	09:00	12:00	Closed		Salon D		Business Meeting
Creating your Chapter strategic and operating plans	Renee Steinwand	Mon, 31 Jan	10:00	12:00	Open/Working session		Pier 3	Chapters	Business Meeting

Critical Infrastructure Protection & Recovery Workshop	Daniel Eisenberg	Sat, 29 Jan	10:30	12:30	Closed	Business meeting for admin and management of INCOSE CIPR WG. This meeting is restricted to INCOSE CIPR Leadership. Please contact daniel.eisenberg@nps.edu to attend. Please see passcode provided below. Topic: CIPR WG - INCOSE IW Call-in Time: This is a recurring meeting. Meet anytime. Join Zoom Meeting: <a href="https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478Passcode:2689270ne">https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478Passcode:2689270ne</a> tap mobile+16699006833...91326068478#...268927# US (San Jose)+12532158782...91326068478#...268927# US (Tacoma) Dial by your location +1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 301 715 8592 US (Washington DC) +1 312 626 6799 US (Chicago) +1 929 205 6099 US (New York) 877 853 5257 US Toll-free 888 475 4499 US Toll-free Meeting ID: 913 2606 8478 Passcode: 268927 Find your local number: <a href="https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478">https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478</a>	Pier 5	Critical Infrastructure Protection and Recovery;	Working Group
	Daniel Eisenberg	Sun, 30 Jan	10:00	12:00	Open/Working session	Invited speakers to discuss critical infrastructure systems modeling. Planned speakers from US Department of Homeland Security Infrastructure Data Taxonomy team. More information provided closer to workshop date. Please contact daniel.eisenberg@nps.edu for more information. Please see passcode provided below. Topic: CIPR WG - INCOSE IW Call-in Time: This is a recurring meeting. Meet anytime. Join Zoom Meeting: <a href="https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478Passcode:2689270ne">https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478Passcode:2689270ne</a> tap mobile+16699006833...91326068478#...268927# US (San Jose)+12532158782...91326068478#...268927# US (Tacoma) Dial by your location +1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 301 715 8592 US (Washington DC) +1 312 626 6799 US (Chicago) +1 929 205 6099 US (New York) 877 853 5257 US Toll-free 888 475 4499 US Toll-free Meeting ID: 913 2606 8478 Passcode: 268927 Find your local number: <a href="https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478">https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478</a>	Pier 10	Critical Infrastructure Protection and Recovery;	Working Group
	Daniel Eisenberg	Sun, 30 Jan	13:00	17:30	Open/Working session	CIPR WG Model-based Systems Engineering Workshop. Planned speakers from CIPR WG More information provided closer to workshop date. Please contact daniel.eisenberg@nps.edu for more information. Please see passcode provided below. Topic: CIPR WG - INCOSE IW Call-in Time: This is a recurring meeting. Meet anytime. Join Zoom Meeting: <a href="https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478Passcode:2689270ne">https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478Passcode:2689270ne</a> tap mobile+16699006833...91326068478#...268927# US (San Jose)+12532158782...91326068478#...268927# US (Tacoma) Dial by your location +1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 301 715 8592 US (Washington DC) +1 312 626 6799 US (Chicago) +1 929 205 6099 US (New York) 877 853 5257 US Toll-free 888 475 4499 US Toll-free Meeting ID: 913 2606 8478 Passcode: 268927 Find your local number: <a href="https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478">https://incose-org.zoom.us/j/91326068478?pwd=SkpmdGVLV2NkVxdUlnRmRkdkJkXk1qUT09MeetingID:91326068478</a>	Pier 10	Critical Infrastructure Protection and Recovery;	Working Group
CSWG Heuristics Focus Team Results	Michael Watson	Mon, 31 Jan	08:00	10:00	Open/Working session	Meeting of the CSWG Heuristics Focus Team joint with the Heuristics Team to review results of maturing complex system heuristics.	Salon A	Complex Systems;	Working Group
CSWG Kickoff and Primer Future Revisions	Michael Watson	Sat, 29 Jan	13:00	15:00	Open/Working session	Kick off session of the Complex Systems Working Group and initial framing of the long term comments received on the Complexity Primer.	Salon A	Complex Systems;	Working Group
CSWG Primer Future Revisions Action Plan	Michael Watson	Mon, 31 Jan	13:00	15:00	Open/Working session	Meeting to formulate specific action plan to address challenging questions raised on complex systems leading to a future Complexity Primer update.	Salon B	Complex Systems;	Working Group
Decision Analysis Working Group	Frank Salvatore, Greg Pamell	Sun, 30 Jan	15:00	17:00	Open/Working session	Review the status of the DEWG Define and Select products to work on.	Pier 6	Decision Analysis;	Working Group
	Frank Salvatore, Greg Pamell	Mon, 31 Jan	15:00	17:00	Open/Working session	Review the status of the DEWG Define and Select products to work on.	Pier 6	Decision Analysis;	Working Group
Digital Engineering Body of Knowledge	Frank Salvatore	Mon, 31 Jan	13:00	15:00	Open/Working session	The Digital Engineering Body of Knowledge (DEBoK), sponsored by the Department of Defense, has launched their BETA version and would like to engage the INCOSE Community to vet their plans to guide their next phase of development. The workshop will cover some of the following topics: Ideas to encourage content submissions and community engagement in the DEBoK (Courses of Action (COA)) to transition the DEBoK from a currently-restricted environment for DoD, to public, in an effort to include a wider audience. DEBoK Governance approach regarding the strategy, technology, content and roles of Government, Academia, Industry, and Non-Profit Sponsorship, maintenance, and sustainment plans for the DEBoK. Methods to encourage sharing of knowledge and navigating the often sensitive considerations around IP. Participants will serve as an important voice to shape the plans of the DEBoK as it moves from BETA to Full Operational Capability (FOC). Please join us and make your voice heard.	Pier 5	Knowledge Management; Digital Engineering Body of Knowledge	Working Group
	Frank Salvatore	Tue, 01 Feb	08:00	09:00	Open/Working session	The Digital Engineering Body of Knowledge (DEBoK), sponsored by the Department of Defense, has launched their BETA version and would like to engage the INCOSE Community to vet their plans to guide their next phase of development. The workshop will cover some of the following topics: Ideas to encourage content submissions and community engagement in the DEBoK (Courses of Action (COA)) to transition the DEBoK from a currently-restricted environment for DoD, to public, in an effort to include a wider audience. DEBoK Governance approach regarding the strategy, technology, content and roles of Government, Academia, Industry, and Non-Profit Sponsorship, maintenance, and sustainment plans for the DEBoK. Methods to encourage sharing of knowledge and navigating the often sensitive considerations around IP. Participants will serve as an important voice to shape the plans of the DEBoK as it moves from BETA to Full Operational Capability (FOC). Please join us and make your voice heard.	Pier 5	Knowledge Management; Digital Engineering Body of Knowledge	Working Group
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Digital Engineering Information Exchange	Frank Salvatore, Terri Chan, Sean McGevey, Cella Tsang	Sat, 29 Jan	10:30	12:00	Open/Outreach session	To do final planning and coordination for the DEIXWG meetings.	Pier 1	Digital Engineering Information Exchange; #MBSE;	Working Group
	Frank Salvatore, Terri Chan, Sean McGevey, Cella Tsang	Sat, 29 Jan	14:30	17:30	Open/Working session	In this meeting the Digital Information Exchange Working group will work on products such as Digital Engineering Information Exchange Standards, Digital Engineering Information Exchange Concept Model, Digital Engineering Information Exchange Use Cases	Pier 1	Digital Engineering Information Exchange; #MBSE;	Working Group
	Frank Salvatore, Terri Chan, Sean McGevey, Cella Tsang	Sun, 30 Jan	10:00	12:00	Open/Working session	In this meeting the Digital Information Exchange Working group will work on products such as Digital Engineering Information Exchange Standards, Digital Engineering Information Exchange Concept Model, Digital Engineering Information Exchange Use Cases	Pier 1	Digital Engineering Information Exchange; #MBSE;	Working Group
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Digital Engineering Measurements	Frank Salvatore	Sun, 30 Jan	13:30	15:30	Open/Working session	Overview of the Digital Engineering Measurements Framework. Review and comment on the Digital Engineering Measurements Framework product.	Salon H	Digital Engineering Information Exchange; Lean Systems Engineering; MBSE Initiative; Measurement; PM-SE Integration; Process Improvement;	Working Group
	Frank Salvatore	Mon, 31 Jan	13:00	15:00	Open/Working session	Overview of the Digital Engineering Measurements Framework. Review and comment on the Digital Engineering Measurements Framework product.	Salon H	Digital Engineering Information Exchange; Lean Systems Engineering; MBSE Initiative; Measurement; PM-SE Integration; Process Improvement;	Working Group
EMEA sector chapter leaders meeting	Sven-Olaf Schultze	Sat, 29 Jan	10:30	12:00	Open		Pier 6		Business Meeting
Emergence in Complex Systems	Michael Watson	Sat, 29 Jan	15:30	17:30	Open/Working session	Joint Session with Systems of Systems Working Group to discussion emergence in systems of systems..	Pier 5	Complex Systems; System of Systems;	Working Group
Enterprise Transformation in the 21st Century	Randall Anway, Bruce McNaughton, William Hubbard, Tom McDermott	Mon, 31 Jan	09:00	11:30	Open/Working session	5 min - Introduction; 20 min - Talk: basics of analyzing products' effects on social systems with examples; 10 min - QA and breakout instructions; 5 min - team breakout sessions with host pop-ins; 45 min - reconvene and team presentations; 5 min - Closing	Pier 8	Enterprise Transformation; Complex Systems; Social Systems; Systems Engineering Quality Management (SEQM); #MBSE;	Working Group
Envisioning INCOSE and the United Nations Sustainable Development Goals	Randall Anway, Dana Potojivi, Ivan Taylor, Paul McGoey	Sun, 30 Jan	09:00	11:30	Open/Working session	5 min - Introduction; 20 min - Panel: SE in Grand/Global Challenges; 10 min - QA and breakout instructions; 55 min - team breakout sessions with host pop-ins; 45 min - reconvene and team presentations; 5 min - Closing	Pier 8	Natural Systems; Social Systems;	Working Group
Events	Donna Long	Tue, 01 Feb	09:00	10:00	Closed		Pier 3		Business Meeting
Events - IS2022 Update	Donna Long	Sun, 30 Jan	10:30	12:00	Closed		Pier 3		Business Meeting
Events - IS2023 Meeting	Donna Long	Mon, 31 Jan	08:00	09:00	Closed		Pier 3		Business Meeting
Events core planning committee	Donna Long	Sat, 29 Jan	10:30	12:00	Closed		Pier 3		Business Meeting
	Donna Long	Sun, 30 Jan	09:00	10:00	Closed	Strategy Meeting	Pier 3		Business Meeting
	Donna Long	Mon, 31 Jan	07:00	08:00	Closed	Operations coordination	Pier 3		Business Meeting
Fellows Meeting	Bob Kenley, Greg Pamell	Mon, 31 Jan	10:30	12:00	Closed		Pier 6		Business Meeting
Fellows Selection Committee	Bob Kenley, Greg Pamell	Sun, 30 Jan	10:30	12:00	Closed		Pier 6		Business Meeting

First-Time Attendee Session	David Long	Sat, 29 Jan	10:00	10:30	Closed	New to the International Workshop? Learn how to make the most of this unique event as you enjoy coffee with seasoned INCOSE members ready to share their insights. Take advantage of this special opportunity to make new connections across the systems engineering community and have some fun as you gain insights into the workshop and how INCOSE can help advance your career.	Lighthouse Ballroom	Business Meeting	
FuSE Security Topic - Review of INSIGHT Article Submissions	Rick Dove	Mon, 31 Jan	09:00	17:00	Open/Working session	Approximately 13 articles to review on strict schedule, articles can be downloaded, authors make short presentation, live & remote audience offers comments and suggestions.	Salon F	Systems Security Engineering; Working Group	
Future of Systems Engineering - Realizing the Systems Engineering Vision Workshop	William Miller	Sat, 29 Jan	13:00	17:00	Open/Outreach session	Zoom Session Registration Request: <a href="https://incoe-org.zoom.us/join/join?from=addon">https://incoe-org.zoom.us/join/join?from=addon</a> gODITjV4Z8GQp Detailed Meeting Agenda (To be Refined):1300-1315 Welcome, Introductions, and Logistics (15 minutes)1315-1330 Context for FuSE1330-1345 Systems Engineering 2025 Roadmap1345-1400 FuSE Projects Dashboard including Working Group & Systems Community Collaborations1400-1415 FuSE Projects Coverage Matrix1415-1445 Need for Additional FuSE Projects1445-1500 Break1500-1515 Framework Template1515-1645 Framing the Vision Realization1645-1700 Summary and Closing	Salon BC	Agile Systems and Systems Engineering;Artificial Intelligence Systems;Complex Systems;Human Systems Integration;Social Systems;Systems and Software Interface;Systems Science;Systems Security Engineering;FuSE Initiative	Working Group
	William Miller	Sun, 30 Jan	09:00	12:00	Open/Working session	0900-0930 Review of Saturday Workshop Framing0930-1130 Framing the Systems Engineering Vision Realization Round 21130-1200 Framing Summary and Close	Salon BC	Agile Systems and Systems Engineering;Artificial Intelligence Systems;Complex Systems;Human Systems Integration;Social Systems;Systems and Software Interface;Systems Science;Systems Security Engineering;FuSE Initiative	Working Group
Handbook Editor Meeting	Dave Walden	Sun, 30 Jan	08:00	12:00	Closed	Coordination and discussions on the INCOSE SE Handbook Fifth Edition	Pier 7	SE Handbook	Working Group
	Dave Walden	Sun, 30 Jan	13:00	17:00	Closed	Coordination and discussions on the INCOSE SE Handbook Fifth Edition	Pier 7	SE Handbook	Working Group
	Dave Walden	Mon, 31 Jan	13:00	17:00	Closed	Coordination and discussions on the INCOSE SE Handbook Fifth Edition	Pier 7	SE Handbook	Working Group
	Dave Walden	Tue, 01 Feb	13:00	14:30	Closed	Coordination and discussions on the INCOSE SE Handbook Fifth Edition	Pier 7	SE Handbook	Working Group
Heuristics Team	Dorothy McKinney	Sun, 30 Jan	13:00	17:30	Open/Working session	Open House for INCOSE Heuristics – Anyone in the INCOSE community interested in heuristics is welcome to drop in any time during this session. When not showing heuristics progress to the community members, the Heuristics Team will work on processing the collected heuristics candidates.	Pier 9	Heuristics	Working Group
Honours & Awards Committee	Ralf Hartmann	Sun, 30 Jan	11:00	11:30	Closed		Pier 11		Business Meeting
HSI Primer Writing Workshop	Grace Kennedy, Guy Andre Boy	Tue, 01 Feb	10:00	12:00	Open/Working session	The aim of this workshop session is to continue the writing and discussions around the latest iteration of the HSI Primer, recent restructure of the content and future planning for events. This session will also involve IW summary and wrap-up and setting of actions.	Pier 8	Human Systems Integration;Social Systems;	Working Group
Human Systems Integration	Guy Andre Boy	Sat, 29 Jan	10:30	12:30	Open/Working session	This meeting will be divided into 2 parts: (1) General information on HSI [2021 activity report, exchange of ideas on HSI] – 30 minutes; (2) Work in progress on the HSI Primer – 90 minutes. We will have a break in between.	Pier 7	Human Systems Integration;	Working Group
	Guy Andre Boy	Sun, 30 Jan	14:00	15:30	Open/Working session	Preparation of future events; (1) HSI Primer delivery event; (2) HSI Workshop to be held in the Fall of 2022; (3) Anticipation of HSI2023 conference to be held in the Fall of 2023.	Pier 3	Human Systems Integration;	Working Group
INCOSE MBSE Patterns Working Group	William Schindel, Troy Peterson	Sun, 30 Jan	13:00	15:00	Open/Working session	Welcome and introduction to the MBSE Pattern Working Group's goals and focusIntroductions and interests of meeting participantsOverview of MBSE Patterns subject matter and relevanceStatus of current working group projects and activities; related Q&A and interestsDiscussion of additional and future interests of attendeesAdjourn	Salon BC	MBSE Patterns;MBSE;	Working Group
INCOSE Product Development and You	Christopher Hoffman, Lori Zipes	Mon, 31 Jan	08:00	09:00	Open		Salon D		Business Meeting
INCOSE Social Systems Engineering, AI & Ethics Workshop	Erka Palmer	Mon, 31 Jan	08:00	10:00	Open/Working session	Come join us to learn and apply ethical concepts in the lifecycle of AI systemsOutline of Workshop Proceedings/Virtuall person format; 2-hour Session1. [5 min] Outline of the session and stating session goals2. [20 min] Opening talk on the basics of ethics and analyzing AI systems in a sociotechnical systems perspective 3. [10 min] Discussion of questions for the team breakout sessions & exercise4. [55 min] Team breakout sessions with an exercise5. [45 min] Presentation of findings6. [5 min] Closing	Salon C	Artificial Intelligence Systems;Complex Systems;Social Systems;Systems Engineering Quality Management (SEQM);	Working Group
Introduction to the Digital Systems Engineering Process model	Jean Duprez, Robert Nilsson, Alexander Efremov	Tue, 01 Feb	09:00	10:00	Open/Working session	Goal is to :- introduce the product to the audience.-gather use cases for the product development.	Pier 8	Architecture;Knowledge Management;MBSE Initiative;	Working Group
IS2022 Technical review	Dave Walden	Sat, 29 Jan	13:30	16:30	Closed	Finalization of IS2022 reviews and draft program	Pier 7		Business Meeting
	Dave Walden	Mon, 31 Jan	09:00	12:00	Closed	Finalization of IS2022 reviews and draft program	Pier 7		Business Meeting
	Dave Walden	Tue, 01 Feb	08:00	12:00	Closed	Finalization of IS2022 reviews and draft program	Pier 7		Business Meeting
IT Strategy Meeting	Barclay Brown	Mon, 31 Jan	14:30	16:00	Closed		Pier 1		Business Meeting
IWG 2022 Planning Meeting	Alain Kouassi	Mon, 31 Jan	10:00	12:00	Open/Working session	Quad Chart and Plans for 2022	Salon H	Infrastructure;	Working Group
IWG Product Development	Alain Kouassi	Sun, 30 Jan	13:00	16:00	Open/Working session	Progress on Guide for the Application of Systems Engineering in Large Infrastructure Projects	Pier 8	Infrastructure;	Working Group
IWG Strategy Meeting	Alain Kouassi	Sat, 29 Jan	15:00	17:30	Open/Working session	Year end review and discuss strategy for 2022	Pier 6	Infrastructure;	Working Group
Joint Session of CSWG and SoSWG	Michael Watson	Mon, 31 Jan	10:30	12:30	Open/Working session	Joint session to discuss relationship of complex systems topics and system of systems topics.	Pier 5	Complex Systems;System of Systems;	Working Group
KMWG - Presentation and status on achievements	Jean Duprez, Robert Nilsson	Sat, 29 Jan	10:30	12:00	Open/Working session	Introduction for new membersStatus of work donePlan for 2022	Pier 10	Knowledge Management;	Working Group
Knowledge Management Primer	Jean Duprez, Robert Nilsson, Eric Burgers	Sun, 30 Jan	10:30	12:00	Open/Working session	Goal is to share draft, get feedback and work on the document improvement.	Salon H	Knowledge Management;	Working Group
	Jean Duprez, Robert Nilsson, Eric Burgers	Mon, 31 Jan	09:00	10:00	Open/Working session	Kick-off to start implementing the TPP for knowledge map.	Pier 3	Knowledge Management;	Working Group
MBSE Initiative	Troy Peterson, Mark Sampson	Sat, 29 Jan	10:30	18:00	Open	10:30 11:00 Opening: MBSE Initiative Update (Mark Sampson) 1r11:00 12:00 Univ. of Mich. (Undergraduate SE Program) MBSE Keynote Speaker: George Halow, Gokin Cnar, Julia Weiss 1r 1r 1r 1r 1r12:00 13:00 Lunch 1r 1r13:00 13:10 Opening: Inspire MBSE Lightning Talks 1r 1r13:10 13:30 Taming Dragons: Who's Your Customer (Lisa Murphy, Siemens) 1r 1r13:30 13:50 What's your problem? (Ceca Mijatovic, Cecasphere) 1r 1r13:50 14:10 When you build it & they do not come (Daniel Call, Colorado State) 1r 1r14:10 14:30 Modeling Critical Infrastructure (Anthony Adebonojo, CISWG) 1r 1r14:30 14:50 Loss-Driven SE for connected Autonomous Vehicles (Bob Kenley, Purdue) 1r 1r 1r14:50 15:30 Break 1r 1r 1r15:30 15:50 Opening:Inspire MBSE Lightning Talks 1r 1r15:50 16:10 Uber for MBSE (Bob Sherman, Occam Systems) 1r 1r16:10 16:30 MBSE for UAS Applications (Steven Habicht, CAN) 1r 1r16:30 16:50 E-Logistics case from the new state-of-the-art mission analysis (Ted Blank, The Embedded	Salon E	#MBSE	Business Meeting

IW2022 - Program by Group

	Troy Peterson, Mark Sampson	Sun, 30 Jan	09:00	18:00	Open	09:00 10:00 SysML v2 Update (Sandy Friedenthal) r r r10:00 10:30 Break r r r10:30 10:50 Opening: Transformation Initiative/Vision Update (Troy Peterson) r r10:50 11:50 Working Group Round Robin... (Select Working Group Overviews) DEIX, Satellite Ref Model... r r r12:00 13:00 Lunch r r r13:00 13:20 DoD OSD DE Update (Phil Zimmerman) r r13:20 13:40 MBSE/DE/SERC Update (Tom McDermott - GT) r r13:40 14:00 Analyst MBSE Update (Don Tolle CIMdata) r r14:00 14:20 Digital Ecosystems (DECO) Update (Russell Peak - GT) r r14:20 14:40 MBSE Standards Update (ASME, IEEE, AIAA, NIST...) r r14:40 15:00 OPM ISO 19450 Update ISO 14641 (ARCADIA Methodology) r r r15:00 15:30 Break r r15:30 15:50 MBSE Tools Databas Update (John Nallon) r	Salon E	#MBSE	Business Meeting
MBSE Reception	Troy Peterson	Sun, 30 Jan	18:00	19:00	MBSE Workshop Participants		The Strand	MBSE;	Social Event
Model Portfolio Management Guide Review	Misak Zetilyan, John Nallon, Mark Williams	Tue, 01 Feb	08:30	10:00	Open/Working session	The Model Portfolio Management (MPM) Guide final review and formatting for submittal. The guide defines the scope, purpose, tasks and products of model portfolio management.	Salon A	Tools Integration & Model Lifecycle Management;	Working Group
NAFEMS-INCOSE SMS Community meeting	Peter Coleman, Frank Popielas	Tue, 01 Feb	09:00	12:00	Open/Outreach session	Provide overview of NAFEMS-INCOSE collaboration, SMSWG organization and activities including input to SE handbook Ed5, SMS Terms & Definitions and special focus on SMS related standards including FMI and MoSSEC.Meeting will be held virtually, also inviting members from global SMS community to join.Meeting joining details to be confirmed via Zoom or WebEx	Pier 10	NAFEMS-INCOSE Systems Modeling & Simulation;#MBSE;	Working Group
Natural systems in product development and SE	Curt McNamara, Alex Wolf, Dennis Tuckowski	Sat, 29 Jan	13:00	14:30	Open/Working session	Applications of natural systems in product development and SE	Pier 3	Natural Systems;#MBSE;	Working Group
New Working Group Leaders Nominations & Elections	Bill Schebe, Garry Roedler, Paul Schreinemakers	Sat, 29 Jan Mon, 31 Jan	15:00 15:30	16:00 17:00	Open/Working session Closed	Routine NOMELEC meeting, first under new chair Bob Kenley	Salon F Salon H	Admin/Committee meeting;Nomination	Working Group Business Meeting
On Folding in Nature and Design	Curt McNamara, Kai Constantini	Sat, 29 Jan	10:30	12:30	Open/Working session	Folding is a meta principle and transcends all realms of the organic and inorganic, hence is present in all natural systems and across all scales. Folding is applied spatially.Our current move towards WEB3, embedded digital capabilities and nextgen manufacturing redefine our material assumptions based on digital code. The fold as analog code, simultaneously representing objects and executing actions lies at the foundation for the explosion of "Folding as an interdisciplinary Field of Research" spanning: Art, Science, Math, Tech, Engineering, Design and Education.In this workshop we will look at and trace 2 decades of Folding and hear from eminent figures in the field with a glimpse to the future of 3D and 4D application of "Folding principles."Please join us for a quick introduction into the cross disciplinary field of "Folding" with:Prof. Karola Dierichs presenting her work on: "Designing Matter: Autonomously Shape-changing Granular Materials in Architecture" Vincent Floedemer, Artist, Founder of the Centre de Recherche International pour le Plis le CRIMP, prominent origamist / Folder following in the tradition of Paul Jackson, Vincent has defined the field through his contribution in "Structured Crumpling" - "La froissage structuree" since the late 1980'sVincent will present his current research on extremely thin and extremely big scale crumpling process / structures and what type of industrial applications and processes he is researching and collaborating on to infuse biomimetic exploration of 'structured crumpling',Chris Palmer, Digital Fabrication Manager, College of Environmental Design, UC Berkeley, prominent Origami Artist, world renown for his pioneering work in multi material folding, tessellations and kinetic designs. (octagon polypouch - Flowertower), <a href="http://shadowfolds.com/Chris">http://shadowfolds.com/Chris</a> will present his current work on very thin and very small scale as well as his unique textile material folding process, the flowertower in textile folding. r rJianzhen Gu PhD student Morphing Matter Lab, Prof Lining Yaho Carnegie Mellon University. r <a href="https://www.morphingmatter.cs.cmu.edu/projects/themorph">https://www.morphingmatter.cs.cmu.edu/projects/themorph</a> rFrom Origami to Pasta: Material-driven Computational Self-folding	Pier 11	Natural Systems;#MBSE;	Working Group
Opening Plenary	Kyle Lewis	Sat, 29 Jan	08:00	10:00	Open		Salon DE	Agile Systems and Systems Engineering;Digital Engineering Information Exchange;Enterprise Systems;#MBSE Initiative;#MBSE Patterns;Object-Oriented Systems Engineering Method (OOSEM);Open Source Systems Engineering Models;#MBSE;	Plenary
OpenMBEE Workshop	Myra Lattimore, Dan Karlsson, Lucas Aviles	Mon, 31 Jan	08:00	17:00	Open/Working session	This workshop will be a followup to last year's OpenMBEE workshop with a focus on SysML v2 and MMS 5. Topics include:- Keynote on SysML V2 Working Level (Ed & Sandy); SysML V2 Implementation within OpenMBEE (Blake, Jason & Alec)- OpenMBEE Update - MMS 5- Ontologies- Boeing Presentation (Lucas)- Ford Presentation (Ahsan)- SE Cookbook (Dan & Steven)- Aerospace Corp SysML v1 model exchange (Karina)- Mars Helicopter Presentation- Virtual Poster Session (Various vendors)	Salon E	Agile Systems and Systems Engineering;Digital Engineering Information Exchange;Enterprise Systems;#MBSE Initiative;#MBSE Patterns;Object-Oriented Systems Engineering Method (OOSEM);Open Source Systems Engineering Models;#MBSE;	Working Group
	Myra Lattimore, Dan Karlsson, Lucas Aviles	Tue, 01 Feb	08:00	12:00	Open/Working session	Overflowbackup for material not covered on MondayThis workshop will be a followup to last year's OpenMBEE workshop with a focus on SysML v2 and MMS 5. Topics include: - Keynote on SysML V2 Working Level (Ed & Sandy)- SysML V2 Implementation within OpenMBEE (Blake, Jason & Alec)- OpenMBEE Update - MMS 5- Ontologies- Boeing Presentation (Lucas)- Ford Presentation (Ahsan)- SE Cookbook (Dan & Steven)- Aerospace Corp SysML v1 model exchange (Karina)- Mars Helicopter Presentation- Virtual Poster Session (Various vendors)	Salon E	Agile Systems and Systems Engineering;Digital Engineering Information Exchange;Enterprise Systems;#MBSE Initiative;#MBSE Patterns;Object-Oriented Systems Engineering Method (OOSEM);Open Source Systems Engineering Models;#MBSE;	Working Group
Outreach	Dr. Julia Taylor	Sat, 29 Jan	13:30	14:30	Open/Working session	Outreach Strategic Focus for 2022	Pier 1	Artificial Intelligence Systems;Automotive;Complex Systems;Decision Analysis;Defense Systems;Global Earth Observation System of Systems (GEOS);Healthcare;Human Systems Integration;#MBSE Initiative;#MBSE Patterns;NAFEMS-INCOSE Systems Modeling & Simulation;Natural Systems;Object-Oriented Systems Engineering Method (OOSEM);PM-SE Integration;Power & Energy Systems;Process Improvement;Resilient Systems;Risk Management;SE in Early Stage Research & Development;SE Tools Database;	Business Meeting
PDES/LOTAR Data Exchange Standards Update and Open Forum	Misak Zetilyan, John Nallon, Mark Williams	Tue, 01 Feb	10:30	12:00	Open/Working session	An update of the MBSE data exchange standards, projects and prototyping by PDES Inc., LOTAR, INCOSE, other organizations and tool vendors.	Salon A	Tools Integration & Model Lifecycle Management;	Working Group
Planning and executing a great chapter meeting	Renee Steinwand	Tue, 01 Feb	13:00	15:00	Open/Working session		Salon A	Chapters	Business Meeting
PM-SE Integration - SE Handbook update	Jean-Claude Roussel,	Tue, 01 Feb	08:30	10:00	Open/Working session	To review the major updates for the SE Handbook V5 on chapters impacted by PM-SE Integration and to give an overview of the last comments received by the SEI Editorial Board on 15th Jan 2022.	Salon C	PM-SE Integration;	Working Group
PM-SE Integration Overview/Plenary	Tina Sivastava, Jean-Claude Roussel	Mon, 31 Jan	10:00	12:00	Open/Outreach session	Kindly schedule this meeting for Monday, Jan 31, 10:00 am - 12pm PST - Plenary / Overview. This is the main session for our Working Group to welcome new members and review the goals/objectives of the working group and spend time on the key initiatives of our working group.	Pier 2+4	PM-SE Integration;	Working Group
PM-SE WG session on SEBoK update Initiative	Tina Sivastava	Tue, 01 Feb	10:30	12:00	Open/Working session	PM-SE WG session on SEBoK update InitiativeWe have reviewed the SEBoK in detail and identified the sections that must be updated to reflect PM-SE Integration. During this session, we will review the sections that need to be updated, identify volunteers, and the key topics that require updating.Kindly schedule this session for Tues - 10:30am - 12pmWe are coordinating with a number of members from Europe who were planning to attend in person but are no longer able to because of omoron - so this timing is important.Thank you!	Pier 9	PM-SE Integration;	Working Group
Policy Management Committee	KIRK MICHEALSON	Tue, 01 Feb	09:00	10:30	Closed	This is a closed meeting for the PMC. It will be an introduction to the PMC and the member responsibilities for the new Board Members.	Pier 1	Business Meeting;	Business Meeting
Product Line Engineering - Member Working Meeting	Rowland Darbin, Drew Stovall	Mon, 31 Jan	11:00	12:00	Open/Working session		Salon C	Product Line Engineering;	Working Group

Product Line Engineering WG - Open Workshop	Rowland Darbin, Drew Stovall	Sun, 30 Jan	10:00	12:00	Open/Working session		Salon A	Product Line Engineering;	Working Group
Recipes for Working Groups	Christopher Hoffman, Olivier Dessoude, Carl Landrum, Phyllis Marbach, Jimmie McEver, Bob Swarz	Mon, 31 Jan	10:00	12:00	Open	v5.1 23 October 2014 v1.Tips for Effective Working Groups v2. v3. v4. v5. v6. v7. v8. v9. v10. v11. v12. v13. v14. v15. v16. v17. v18. v19. v20. v21. v22. v23. v24. v25. v26. v27. v28. v29. v30. v31. v32. v33. v34. v35. v36. v37. v38. v39. v40. v41. v42. v43. v44. v45. v46. v47. v48. v49. v50. v51. v52. v53. v54. v55. v56. v57. v58. v59. v60. v61. v62. v63. v64. v65. v66. v67. v68. v69. v70. v71. v72. v73. v74. v75. v76. v77. v78. v79. v80. v81. v82. v83. v84. v85. v86. v87. v88. v89. v90. v91. v92. v93. v94. v95. v96. v97. v98. v99. v100.	Salon D		Business Meeting
Requirements Working Group - General Meeting	Tami Katz	Sun, 30 Jan	13:00	15:00	Open/Working session		Salon A	Requirements;#MBSE;	Working Group
Resilient Systems Working Group	Kenneth Cureton	Sat, 29 Jan Mon, 31 Jan Mon, 31 Jan Mon, 31 Jan Sat, 29 Jan	13:00 09:00 13:00 15:30 16:30	15:00 12:00 15:00 17:00 12:00	Open/Working session Open/Working session Open/Working session Open/Working session Open/Working session	Review of Resilient Engineering and Loss-Driven Systems Engineering papers for inclusion in SEBoK and SEH v5. RSWG Future Strategy, including products and Collaboration with other Working Groups SEBoK 1st Cycle 2022 Planning: v2.6-- Resilience Engineering, Resilience Modeling, and LDSE Resilience Primer Development LDSE Strategy with INCOSE Leadership	Salon H Pier 9 Pier 9 Pier 9 Pier 7	Resilient Systems;	Working Group Working Group Working Group Working Group Working Group
SaSIWG "Open House"	Jeanne Sviv, Dorothy McKinney	Sat, 29 Jan	10:00	17:00	Open/Working session	This is an "Open House" session for others to hear about and discuss the Software & Systems Interface Working Group's current priorities: Business Relevance of Systems Engineering in Software- and Data-Intensive settings, and Data - Architecture adaptive roles and principles to navigate systems-software interfaces.	Pier 7	Systems and Software Interface;	Working Group
SBSE ISO 29110 Advanced Profile Introduction	Angela Robinson, Rüdiger Kaffenberger	Sat, 29 Jan	15:00	17:00	Open/Working session	Introduce ISO 29110 Advanced Profile and collaborate with the SBIR/STTR interest. SBIR/STTR participation is limited to firms with 500 employees or fewer. SBSE would be a good sponsor for SBIR/STTR. The SBSE WG will work with SBIR/STTR to address technology transfers for VSE's.	Pier 10	Small Business Systems Engineering;	Working Group
SBSE Work Product Publication, SBIR/STTR Goals and Objectives SE Vision 2035	Angela Robinson	Mon, 31 Jan	15:00	17:00	Open/Working session	Prepare submission of the ISO29110 Intermediate Guide, review ISO 29110 Advanced Profile goals, objectives, and work product. Complete collaborate goals and objectives for the SBIR/STTR interest.	Pier 3	Small Business Systems Engineering;	Working Group
	Sanford Friedenthal, Heinz Stoewer, Paul Nielsen, Chris Oster, Gary Roedler, Chris Davey	Sun, 30 Jan	08:00	09:00	Open		Salon D		Plenary
SE Vision 2035 Q&A	Sanford Friedenthal, Chris Davey, Paul Nielsen, Chris Oster, Gary Roedler, Heinz Stoewer	Sun, 30 Jan	10:00	11:00	Open/Working session	This session is intended to be a follow-up to the SE Vision 2035 presentation on Sunday from 8 - 9 AM to answer questions and engage in dialogue about the SE Vision	Pier 11	SE Vision 2035 Special Project	Working Group
SE Vision 2035 Realization Planning	Gary Roedler	Sat, 29 Jan	15:00	17:00	Closed	This meeting is for select members of the INCOSE BoD, SE Vision Core Team, and FuSE to discuss a path forward for cultivating interest and new projects towards the realization of the SE Vision 2035. The meeting will do the following: Review the SE Challenges from the SE Vision in the context of the global trends Review the specific recommendations from the SE Vision Discuss possible activities/projects for promoting and realizing the SE Vision (includes those led by INCOSE and those that may be led by others) Prioritize the activities/projects Identify stakeholders and collaborators	Pier 3	Business Meeting;	Business Meeting
Sector I Leaders Meet & Greet reception Sector I Leaders meeting	Renee Steinwand Renee Steinwand	Mon, 31 Jan Mon, 31 Jan	17:30 15:30	18:30 17:30	By invitation only Open/Working session		Salon D Salon D	Chapters	Social Event Business Meeting
SEH v5 Feedback Review & Planning SEP's Luncheon for ASEPs, CSEPs, and ESEPs	Kenneth Cureton FALSE	Tue, 01 Feb Sun, 30 Jan	10:00 12:00	12:00 13:00	Open/Outreach session ASEP, CSEP, ESEP	The Certification Advisory Group invites all INCOSE-certified Systems Engineering Professionals (SEPs) to attend a special luncheon at the 2022 International Workshop (IW). The reception will be held on Sunday, 30 January 2022 from 1200 to 1300 at the Torrance Marriott Redondo Beach. The reception is open to all ASEPs, CSEPs, and ESEPs. The main purpose of the luncheon is to recognize the accomplishments and dedication of the INCOSE SEPs. The luncheon will provide an opportunity for the INCOSE ESEPs, CSEPs, and ASEPs to network with each other in a casual setting. Members of the INCOSE leadership team will also be present. Please plan on joining your fellow SEPs in Torrance.	Salon H		Working Group Social Event
SETDB - Demonstration and Open Forum	John Nallon, Stephane Lacrampe, Rene King	Mon, 31 Jan	10:30	12:00	Open/Working session	An update of the SETDB status and plans, a review of the current and recently released features and an open forum demonstration for the attendees to ask questions about how to use the system, and provide input on how to improve the system.	Salon A	SE Tools Database;#MBSE;	Working Group
Social Systems WG Opening Session	Randal Anway	Sat, 29 Jan	11:00	12:00	Open/Working session	5 min - Introductions 20 min - Talk: Social Systems WG Update 5 min - QA and breakout instructions 10 min - breakout sessions with host pop-ins 15 min - reconvene and discussion 5 min - Closing	Pier 8	Social Systems;#MBSE;	Working Group
Social Systems WG Planning	Randal Anway, Shamsnaz Bhada, Erka Palmer	Tue, 01 Feb	09:00	10:00	Open/Working session	5 min - Introductions 20 min - IW Session Reports 5 min - QA and breakout instructions 10 min - breakout sessions with host pop-ins 15 min - reconvene and planning discussion 5 min - Closing	Pier 11	Social Systems;#MBSE;	Working Group
Spatial skills and SE	Curt McNamara, Alex Wolf	Sun, 30 Jan	13:00	14:30	Open/Working session	Spatial skills are the basis for success in design and SE.	Pier 11	Natural Systems;	Working Group
Standards Development Department Opportunities	Richard Martin, Daniel Siegl	Mon, 31 Jan Tue, 01 Feb	09:00 09:00	10:00 10:00	Open/Working session Open/Working session	This is an opportunity for INCOSE members not already engaged in the development of International Standards to get information about participation opportunities. An open meeting for folks interested in participating in the development of International Standards.	Pier 5 Pier 5	Standards Development Department	Working Group Working Group
Standards Development Department Policy and Practices	Richard Martin, Daniel Siegl	Sun, 30 Jan	10:00	12:00	Closed	Business meeting of INCOSE Standards Development Department to: 1) review existing policy documents TEC 103 and FIN 102; 2) discuss obligations as Liaison or member of International Standards Development Organizations; 3) verify 2022 project engagements and project status; and 4) Discuss future engagement opportunities.	Pier 9	Standards Development Department	Working Group
STEM Initiative Workshop	Bill Chown, Caitlyn Singam, Carlee Bishop	Sat, 29 Jan	10:30	14:00	Open/Working session	After registering, you will receive a confirmation email containing information about joining the meeting. v1. v2. v3. v4. v5. v6. v7. v8. v9. v10. v11. v12. v13. v14. v15. v16. v17. v18. v19. v20. v21. v22. v23. v24. v25. v26. v27. v28. v29. v30. v31. v32. v33. v34. v35. v36. v37. v38. v39. v40. v41. v42. v43. v44. v45. v46. v47. v48. v49. v50. v51. v52. v53. v54. v55. v56. v57. v58. v59. v60. v61. v62. v63. v64. v65. v66. v67. v68. v69. v70. v71. v72. v73. v74. v75. v76. v77. v78. v79. v80. v81. v82. v83. v84. v85. v86. v87. v88. v89. v90. v91. v92. v93. v94. v95. v96. v97. v98. v99. v100.	Salon F		STEM Initiative
SysML v2 Demo	Sanford Friedenthal, Edwin Seodewotz	Sun, 30 Jan	10:00	15:00	Open/Working session	The objective of this session is to demonstrate current SysML v2 capabilities per the draft SysML v2 Specification using the SysML v2 pilot implementation, and to answer questions regarding current and planned capabilities. We plan to run two back-to-back demonstrations to accommodate a broader range of attendee schedules.	Salon F	MBSE Initiative;#MBSE;	Working Group
System Thinking RoundTable (STRT)	Sue Gabriele, Jawahar Bhalla, Chris Browne	Sat, 29 Jan	07:00	08:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Sat, 29 Jan	12:00	13:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Sun, 30 Jan	07:00	08:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Sun, 30 Jan	12:00	13:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Mon, 31 Jan	07:00	08:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Mon, 31 Jan	12:00	13:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Tue, 01 Feb	07:00	08:00	Open		Salon A		Working Group
	Sue Gabriele, Jawahar Bhalla, Chris Browne	Tue, 01 Feb	12:00	13:00	Open		Salon A		Working Group
Systems Engineering Quality Management Working Group	Barclay Brown	Tue, 01 Feb	10:00	12:00	Open/Working session		Pier 11		Working Group

Systems Engineering Transformation Narratives	Randall Anway, Paul McGoey, Bernard Mohr, Jennifer Russell, Kay Aikin	Mon, 31 Jan	13:00	15:30	Open/Working session	5 min - Introductions20 min - Panel: SE in Governance; Themes in Policy and Justice10 min - QA and breakout instructions55 min - team breakout sessions with host pop-ins45 min - reconvene and team presentations5 min - Closing	Pier 8	Human Systems Integration;Social Systems;#MBSE;	Working Group
Systems of Systems Working Group Sessions	Judith Dahmann, Alan Harding	Sat, 29 Jan	10:30	12:00	Open/Working session	This will be a working session addressing current SoS WG initiatives	Salon A	System of Systems; Complexity; Power and Energy	Working Group
	Judith Dahmann, Alan Harding	Mon, 31 Jan	08:00	11:00	Open/Working session	This will be a working session addressing current SoS WG initiatives	Salon B	System of Systems; Complexity; Power and Energy	Working Group
	Judith Dahmann, Alan Harding	Tue, 01 Feb	08:00	11:00	Open/Working session	This will be a working session address current systems of systems initiatives	Salon B	System of Systems; Complexity; Power and Energy	Working Group
Systems Science Working Group - 1A - Welcome to SSWG	Javier Calvo-Amodio, James Martin	Sat, 29 Jan	10:30	11:30	Open/Working session		Salon G	#MBSE;	Working Group
Systems Science Working Group - 1B - Systems Science and Enterprise Systems Collaborative Session	Javier Calvo-Amodio, James Martin, Tom McDermott	Sat, 29 Jan	13:00	15:00	Open/Working session		Salon G	#MBSE;	Working Group
Systems Science Working Group - 1C - Future of Systems Science	Javier Calvo-Amodio, James Martin, George Mobus	Sat, 29 Jan	15:30	17:00	Open/Working session		Salon G	#MBSE;	Working Group
Systems Science Working Group - 2A - Systems Science and Natural Systems	Javier Calvo-Amodio, James Martin, Curt McNamara	Sun, 30 Jan	09:00	12:00	Open/Working session		Salon G	#MBSE;	Working Group
Systems Science Working Group - 2B - Category Theory Tutorial	Michael Watson, Javier Calvo-Amodio	Sun, 30 Jan	13:00	15:00	Open/Working session	Joint session to present tutorial on Category Theory applied to Systems Engineering with National Institute of Science and Technology (NIST).	Salon G	Complex Systems;Natural Systems;Systems Science;#MBSE;	Working Group
Systems Science Working Group - 2C - Category Theory Systems Engineering Discussion	Michael Watson, Javier Calvo-Amodio	Sun, 30 Jan	15:30	17:30	Open/Working session	Joint session for discussion of INCOSE members on Category Theory applied to Systems Engineering with National Institute of Science and Technology (NIST).	Salon G	Complex Systems;Natural Systems;Systems Science;#MBSE;	Working Group
Systems Science Working Group - 3A - SE Principles and Heuristics	Javier Calvo-Amodio, James Martin, David Rousseau, Mike Pennotti, Peter Brook	Mon, 31 Jan	09:00	10:00	Open/Working session		Salon G	#MBSE;	Working Group
Systems Science Working Group - 3B - Transdisciplinary Systems Engineering	Javier Calvo-Amodio, James Martin, David Rousseau, Mike Pennotti, Peter Brook	Mon, 31 Jan	10:00	12:00	Open/Working session		Salon G	#MBSE;	Working Group
Systems Science Working Group - 3C - Critical Systems Thinking and Practice	Javier Calvo-Amodio, James Martin, Mike C. Jackson	Mon, 31 Jan	13:00	15:00	Open/Working session		Salon G	#MBSE;	Working Group
Systems Security Engineering WG General Meeting	Rick Dove	Tue, 01 Feb	08:00	10:00	Open/Working session	Intro to the working group, a review of current project status, proposed new projects, and general discussion.	Pier 9	Systems Security Engineering;#MBSE;	Working Group
Technical Operations Assistant Directors meeting	Chris Hoffman, Olivier Dessoude	Sat, 29 Jan	10:30	12:00	Closed	Pending	Salon BC	Admin/Committee meeting	Business Meeting
Technical Operations Working Group Leadership luncheon	Chris Hoffman, Olivier Dessoude	Sat, 29 Jan	12:00	13:00	Closed	o Give information to WG chairso Opportunity for WG chairs to express their needso INCOSE President and President Elect will be attending	Salon BC		Business Meeting
TPP 2.0 Conference Room Pilot	Christopher Hoffman, Lori Zipes	Tue, 01 Feb	13:00	14:00	Open/Working session	This hour will consist of a "Conference Room Pilot" of the upcoming SmartSheet based TPP 2.0 system.Attendees will assume roles in this session and work through 1 sequential exercise of starting a TPP, submitting, reviewing, approving, and being informed of the approved TPP.TPP 2.0 Project OverviewPurpose INCOSE Tech Ops's Technical Product Plan (TPP) process is essentially a "fancy change request system" for Tech Ops products. The TPP process is in-place and operational now, accessible via INCOSE Connect, and built-in Sharepoint. The current system resides on an older version of Sharepoint and relies upon custom coding that is not readily accessible to INCOSE to make changes or fix errors. The purpose of this project is to migrate the existing Sharepoint-based TPP intake, review, approval, and publication processes to Smartsheet and Teams platforms where they can be managed, shared, and evolved over time by INCOSE staff and members. This platform migration [to a combination of Smartsheet, Teams, and Microsoft cloud-based tools] is consistent with the current direction of INCOSE's operational IT evolution and will be familiar to INCOSE members and users who have interacted with other Smartsheet or Teams-based initiatives. Objectives Successful execution of this project will meet the following objectives: Move the TPP process and documentation onto a combination of Smartsheet and Teams platforms, replacing the existing Sharepoint-based system which relies upon custom coding and is prone to error. Provide a clean, intuitive interface consistent w/ INCOSE branding and other INCOSE Smartsheet tools Improve the TPP process and navigation for users, reviewers, and admins Provide self-serve access to submitters, reviewers, and approvers to the things they need to act on Provide real-time metrics of relevant data for audiences such as Board, TechOps leadership, etc. Link key pieces of the TPP system back into the INCOSE website and Connect for maximum access to data, as appropriate Benefits Successful execution of the identified objectives will result in the following benefits: TPP Submitters Simpler drafting and submittal process than current process (Word doc v. filling in web fields) Access to all TPPs for reference Ability to draft the TPP document offline using the Word template and then submit via Smartsheet when ready for review TPP Reviewers Self-serve access to TPP review tasks Parallel review tracks allow for multiple simultaneous reviews Launch point in Teams Tech Ops Leadership Improved user and reviewer participation in the TPP process Greater visibility into TPP status and stuck points and ability to report out on real-time data Ability to modify the TPP template over time (Word doc) without having to modify the Smartsheet system fields to match Simplified management and maintenance of the TPP process, consistent with other (newer) INCOSE systems and tools Easy handoff to successive Tech Ops leadership regimes with little training or special knowledge or system updates required to intake, process, and manage TPP submissions Value Stream Owner Ability to collect, analyze, and point to live and/or historical data that shows TPP process and status	Pier 1	Business Meeting;Impactful Products Committee	Business Meeting
WG Tools Review - Teams/Yammer/Connect migration	William Scheible	Sat, 29 Jan	14:00	15:00	Open/Working session	Review and knowledge transfer for WG leaders on understanding and using the INCOSE Teams/Yammer tools and instructions on how to migrate from the current Connect system.	Pier 6	Tech Ops Management	Working Group
Wiley / INCOSE Strategy Meeting	Christine Kowalski	Tue, 01 Feb	11:00	13:00	Closed	Strategy Meeting	Pier 1	Business Meeting;Wiley Journal Strategy Meeting	Business Meeting