Meeting Name Monday 25	Time Start	Time End		Meeting Description	Contact Name
		17:00 16:00		Coordination of handbook editor topics. The Requirements Working Group has been busy generating new products, holding meetings, authoring SE Handbook material, and supporting the MCOSE community. This initial IW2021 session is to do a synopsis of the activities of the last year, and set the	David Walden Tami Katz
	15:30	17:30	Open/Working session	stage for the discussions on the new products that will occur throughout the IW. This is a general Configuration Management Working Group meeting with the following purpose-review leadership roles and elect new people if neededreview open opportunities and check any volunteersreview charter and update as necessaryreview	Paul Nelson,
equirements Working Group - Introduction to ne Needs and Requirements Lifecycle Manual	16:00	19:00	Open/Working session	achievements for 2020review priorities for 2021review work breakdown structure and adjust in line with priorities for 2021kick- start activities for 2021 in terms of planning (regular meetings and frequency)Any other Business An overview of the newest Requirements Working Group product; Product Lead Lou Wheatcraft will walk through the manual, giving an introduction to the research that resulted in new concepts, terminology, and recommended practice. Material is the	Dale Brown Tami Katz, Lou Wheatcraft
ETDB v0.9 Review	16:30	19:00	Open/Working session	foundational content for the corresponding guidelines that will be discussed later at the IW. Draft copies of the manual will be posted on the RWG site prior to IW2021. The SETDB WG CCB will be reviewing the SETDB v0.9 readiness for production release. JIRA issues will be reviewed for high priority and blocking issues.	John Nallon, Rene King,
EH5E Part I (SE Found) Coord Meeting	17:30	18:30		This is one of several planned IW21 coordination meetings focused on a specific part of the new SE Handbook Fifth Edition. The specific authors for this part and the SE Handbook editors are the intended participants Primary focus:- Handbook Part I (Systems Engineering Foundations) Coordination - Odile MORNAS is the editorial lead for this part. Assignment of actions and any post-	Stephane Lacrampi David Walden
EH5E Part II (LC & Dim) Coord Meeting	19:00	20:00	Open/Working session	IW21 updates for sections in this part- Determination of any specific topical meetings related to this part for the second week of IW21 This is one of several planned IW21 coordination meetings focused on a specific part of the new SE Handbook Fifth Edition. The specific authors for this part and the SE Handbook editors are the intended participants Primary focus:- Handbook Part II (Life Cycles & Systems Engineering Dimensions) Coordination - Tom SHORTELL is the editorial lead for this part. Assignment of actions and any post-IW21 updates for sections in this part- Determination of any specific topical meetings related to this part for the second	David Walden
SME-INCOSE PSD Standard Development	21:00	23:00	Open/Outreach session	week of IW21 Learn about the emerging ASME standard for developing energy, nuclear, oil and gas and petrochemical facilities. This standard will change how these facilities are developed by influsing systems engineering principles into the associated development processes. INCOSE and ASME recently entered into an agreement for joint development of the standard, training and associated certifications. Come see how you can become a recognized contribution.	Michael deLamare
resday 26 stems Engineering Journal Editorial Board	14:00	16:00	Closed	Review the journal Systems Engineering status and metrics for 2020, and plan activities for 2021.	Clifford Whitcomb,
		16:30	Open/Working session	This is one of several planned IW21 coordination meetings focused on a specific part of the new SE Handbook Fifth Edition. The specific authors for this part and the SE Handbook editors are the intended participants. Primary focus:- Handbook Part IIIa (System Life Cycle Processes) Coordination - Garry ROEDLER is the editorial lead for this part Assignment of actions and any post-IW21 updates for sections in this part - Determination of any specific topical meetings related to this part for the second week of IW21	Rob Vingerhoeds David Walden
equirements Working Group - Introduction to ew Guideline to Verification and Validation	16:00	17:30	Open/Working session	An overview of the Verification and Validation Guideline; Product Lead Raymond Wolfgang will walk through the manual, giving an introduction to how it provides practical application of the concepts from the new Needs and Requirements Lifecycle Manual. Draft	Tami Katz
EHSE Part IIIb (QCs) Coord Meeting	17:00	18:00	Open/Working session	copies of the Guideline will be posted on the RWG site prior to IW2021. This is one of several planned IW21 coordination meetings focused on a specific part of the new SE Handbook Fifth Edition. The specific authors for this part and the SE Handbook editors are the intended participants. Primary focus:- Handbook Part IIIb (Quality Characteristics) Coordination – Garry ROEDLER & Dave WALDEN are the editorial leads for this part Assignment of actions and any post-IW21 updates for sections in this part. Determination of any specific topical meetings related to this part for the second week of IW21.	David Walden
equirements Working Group - Introduction to ne Needs and Requirements Lifecycle Manual	17:30	18:30	Open/Working session	Follow-up meeting to discuss the content of the Needs and Requirements Lifecycle Manual with the RWG and INCOSE community. Draft copies of the manual will be posted on the RWG site prior to IW2021.	Tami Katz, Lou Wheatcraft
TDB Operational Procedure Development	18:00	21:00	Open/Working session	Working session to focus resources on the development of the SETDB Operational Procedures. The procedures in development include: Access Management, Mapping Fool Categories to SE Processes, Tool Vendor Registration, Tool Information Management, Configuration Management, Stakeholder Communications and Lifecyle Management	John Nallon, Rene King, Robert Halligan
	18:30	19:30	Open/Working session	This is one of several planned W21 coordination meetings focused on a specific part of the new St Handbook Firld Edition. The specific authors for this part and the St Handbook editors are the intended participants. Primary focus: Handbook Part V (Practicing Systems Engineering). Coordination – Bernardo DEUCADO is the editorial lead for this part. Assignment of actions and any post-IW21 updates for sections in this part. Determination of any specific topical meetings related to this part for the second week of IW21.	David Walden
dednesday 27 Ocess Improvement Working Group General	01:30	02:30		This is an organizational meeting for the Process Improvement Working Group. We will discuss our Technical Product and Meeting	Jeffrey Brown
eeting equirements Working Group - Introduction to ew Guideline to Needs and Requirements evelopment and Management	17:00	18:30	session Open/Working session	Schedules for 2021. An overview of Developing and Managing Needs and Requirements Guideline; Product Lead Kevin Orr will walk through the manual, giving an introduction to how it provides practical application of the concepts from the new Needs and Requirements Lifecycle Manual. Draft copies of the Guideline will be posted on the RWG site prior to IW2021.	Tami Katz
	18:00	21:00	Open/Working session	Working session to focus resources on the development of the SETDB Operational Procedures. The procedures in development	John Nallon, Rene King, Robert Halligan
l Projects			Open/Working session Open/Working	Open discussion and feedback session for the Manual and Guides presented at the earlier sessions. Come contribute to the emerging ASME standard for developing energy, nuclear, oil and gas and petrochemical facilities. This	Tami Katz Michael deLamare
			session	standard will change how these facilities are developed by infusing systems engineering principles into the associated development processes. INCOSE and ASM recently entered into an agreement for joint development or the standard, training and associated certifications. This session will work through specific sections of the standard to infuse SE principles.	
hursday 28 EH5E Part IV (X-Cut) Coord Meeting	14:00	15:00	Open/Working	This is one of several planned IW21 coordination meetings focused on a specific part of the new SE Handbook Fifth Edition. The	David Walden
			session	specific authors for this part and the SE Handbook editors are the intended participants. Primary focus: Handbook Part IV (Cross-Cutting Systems Engineering Concepts) Coordination - YIP Yew-Seng is the editorial lead for this part. Assignment of actions and any post-IV21 updates for sections in this part- Determination of any specific topical meetings related to this part for the second week of IW21.	
EH5E Part VI (Case Studies) Coord Meeting	15:30	16:30	Open/Working session	This is one of several planned IW21 coordination meetings focused on a specific part of the new SE Handbook Fifth Edition. The specific authors for this part and the SE Handbook editors are the intended participants. Primary focus: Handbook Part VI (Case Studies) Coordination - Dave WALDEN is the editorial lead for this part. Assignment of actions and any post-IW21 updates for sections in this part. Determination of any specific topical meetings related to this part for the second week of IW21	David Walden
isk Management WG - IW2021 Meeting 1 of 6	16:00	18:00	Open/Outreach session	This is an open outreach and working meeting for existing WG members, potential new WG members, and members of other WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during the IW2021 at various times of the day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday Jan 28 and our last is on Thursday Feb 4th. The two hour meetings include, but are not limited to, the following topics/gapends: 1 - Welcome and introductions 2 - Risk Management WG Overview 3 - Update of Risk Management Content for the INCOSE SE Handbook 5th Ed Overview/Status, Input from Attendess, Discussion 4 - Risk Management Presentation from WG Member or Guest 5 - Open Discussion - Ideas, Needs, Expectations, etc. for the INCOSE Risk Management WG of the Future	Jack Stein, Paul Heininger, Robert Parro
ISIWG Working Meeting INSIGHT Articles	16:00	20:00	Open/Working session	Draft and review the System/Software articles for INSIGHT	Sarah Sheard
here is your Roadmap for implementing			session	MBSE data standards are being developed by a wide range of consortia and continue to evolve. What are the functions and capabilities of the different standards? What standards are released and available for use today? What are the roles of the different standard bodies, who is involved, and how does each company develop a strategy and roadmap? Come join the discussion	Mark Williams, John Nallon
/here is your Roadmap for implementing IBSE Data Standards?	16:00	17:30	session Open/Working session	MBSE data standards are being developed by a wide range of consortia and continue to evolve. What are the functions and capabilities of the different standards? What standards are released and available for use today? What are the roles of the different standard bodies, who is involved, and how does each company develop a strategy and roadmap? Come join the discussion and test your MBSE Data Standards knowledge.	Mark Williams,
/here is your Roadmap for implementing IBSE Data Standards? andbook Editor & Domain WG Meeting #1	16:00 17:00	17:30 19:00	session Open/Working session Open/Working session	MBSE data standards are being developed by a wide range of consortia and continue to evolve. What are the functions and capabilities of the different standards? What standards are released and available for use today? What are the roles of the different standard bodies, who is involved, and how does each company develop a strategy and roadmap? Come join the discussion and test your MBSE Data Standards knowledge. This is the first of two planned IW21 meetings to discuss the handbook update implications for the INCOSE Domain WGs.Primary focus:- Handbook Part VI (Application in Domains) Coordination - Dave WALDEN is the editorial lead for this part Discussion of Which in WGs are planning to do create an "application guide?" Common Format/Outlines (W, Talioning)? Consistent Size?Schedule? Relationship between SEH Editors and Domain WGs?- Assignment of actions for IW21 Meeting #2 Business Meeting that will review working group status, and discuss future plans.	Mark Williams, John Nallon
Where is your Roadmap for implementing ABSE Data Standards? Alandbook Editor & Domain WG Meeting #1 OSWG Business Meeting	16:00 17:00 17:00	17:30 19:00 19:00	session Open/Working session Open/Working session Open/Outreach session	MBSE data standards are being developed by a wide range of consortia and continue to evolve. What are the functions and capabilities of the different standards? What standards are released and available for use today? What are the roles of the different standard bodies, who is involved, and how does each company develop a strategy and roadmap? Come join the discussion and test your MBSE Data Standards knowledge. This is the first of two planned IW21 meetings to discuss the handbook update implications for the INCOSE Domain WGs.Primary focus: Handbook Part VI (Application in Domains) Coordination - Dave WALDEN is the editorial lead for this part. Discussion of Which WGs are planning to do create an "application guide?" Common Format/Outlines (W/ Talioring)? Consistent Size?Schedule?Relationship between SEH Editors and Domain WGs? - Assignment of actions for IW21 Meeting #2 Business Meeting that will review working group status, and discuss future plans. Ongoing activities include SOS webinar series, contributions to: SE Handbook, SE Vision, SE Body of Knowledge, update to	Mark Williams, John Nallon David Walden Alan Harding,

All time are in CET IW2021 - Schedule by Day

Risk Management WG - IW2021 Meeting 2 of 6	21:00	23:00	Open/Outreach session	This is an open outreach and working meeting for existing WG members, potential new WG members, and members of other WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during the IW2021 at various times of the day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday Jan 28 and our last is on Thursday Feb 4th. The two hour meetings include, but are till limited to, the following topics/agenda: 1 - Welcome and Introductions 2 - Risk Management WG Overview 3 - Update of Risk Management Ontent for the INCOSE SE Handbook 5th Ed Overview/Status, Input from Attendees, Discussion 4 - What's new in (FDIS) ISO/IEC/IEEE 1608S-2021 "Systems and software engineering — Life cycle processes — Risk management" S - Risk Management Tresentation from WG Member or Guest 6 - Open Discussion - Ideas, Needs, Expectations, etc. for the INCOSE Risk Management WG of the Future	Jack Stein
Telecommunications Working Group Meeting	00:00	03:00	Open/Working session	Planning session - reviewing recent activities of the Telecommunications Working Group, and planning future work. All welcome to contribute ideas on how systems engineering can improve practice in telecommunications. The Telecommunications deviating Group aims to enable telecommunications systems stakeholders and providers to better support their users: Critical and emergency services personnel/Federal and municipal governments, utilities and transportation agencies, Enterprise and consumer users of commercial telecommunications services; and the broader public. The WG intends to be: A forum for telecommunications practitioners to discuss problems and challenges. A forum for systems engineers who are interested in telecommunications applications. (NOCSE's lead forum to advance the application of systems engineering for telecommunications. The purpose of the WG is to improve delivery of telecommunications solutions by enhancing the systems engineering body of knowledge for telecommunications applications.	John Risson,
Break Use Cases for Guide to ISO/IEC 42020		10:00 11:30	Open Open/Working session	This workshop is part of our effort to prepare a Guide to ISO/IEC/IEEE 42020 Architecture Processes. The ArchWG has been heavily involved in the development of the ISO/IEC/IEEE 42000 series of standards of which consist of ISO/IEC/IEEE 42010 Architecture Description. ISO/IEC/IEEE 42020 Architecture processes, and ISO/IEC/IEEE 42030 Architecture description. The Guide to ISO/IEC/IEEE 42020 is a planned ArchWG product that will integrate the series of standards with guidance to produce and end-to-end architecting effort. The workshop will gather use case scenarios and requirements for the Guide. ArchWG also plans a session prior to IW/2 I for those not already familiar with the specifications of the three standards in the 42000 series.	FALSE Richard Martin, Anand Kumar
We chose MBSE: What's next?	10:00	12:00	Open/Working session		Aurelijus Morkevicius
DA working group -	12:00	13:30	Open/Working session	Decision Analysis and Model Based Systems Engineering Purpose: Discuss the use of MBSE to support trade-off analysis decisions. Outcomes: - Understand the current capabilities of MBSE to support trade-off analysis to make systems decisions Identify opportunities for MBSE to directly support trade-off analyses for system decisions. Structure: Presentations: MBSE Requirements to Support Trade-Off Analyses, Dr. Gregory S. Parnell, 20 minutes Group Discussion: Frank Salvatore, Facilitator, 50 mins Summary and Next Steps, Dr. Gregory S. Parnell, 20 minutes	Frank Salvatore
INCOSE Café	12:00				FALSE
Social Systems Working Group Introductory Session Digital Engineering Body of Knowledge			Open/Working session Open/Working session	from attendees. This is a session for those who are interesting in joining the SocWG or for those who just want to learn more about the group. The Digital Engineering Body of Knowledge (DEBoK) is being worked on by the Department of Defense and we are planning a workshop to explain our goals and provide an overview of the effort and engage participants in a workshop to help define user	Erika Palmer Frank Salvatore, Brandon Quash , Jeff Nartatez, Phil Zimmerman
				Day 1 Jan 29, 2021 Agenda 1300 - 1315 Welcome & Introductions 1315 - 1330 DEBOK Overview Provide context and describe the DEBOK Review the Breakout Group Process 1330 - 1500 Breakout Sessions Breakout Group 1: DEBOK User Roles and Pathways/Structure Breakout Group 2: DEBOK Functions/Requirements	
Level Up your LinkedIn and Grow Your Network	13:00	15:00	Open/Outreach session		Alice Squires, Stueti Gupta, Erika Palmer
Sustainability	13:00	15:00	Open/Outreach session	This workshop invites you to think about how Systems Engineering can efficiently help to design more sustainable and responsible systems. We will base our work on the ISO15288 engineering processes and the technical reviews across project life cycle, as defined in the IEEE Standard for Technical Reviews and Audits on Defense Programs. Agenda :1300 -131:0: Session startup13:10 -13:40: Review of the current framework for sustainable activities: European and international agreements and regulations on carbon emissions and biodiversity, SRI, benefit corporations, etc13:40 - 14:45: Work in groups: identification of relevant sustainability examples, methods and tools per industrial sector. Study of one or several processes from the ISO15288, and technical reviews, to propose evolutions, suggestions or indicators to take better into account sustainability challenges. Reporting to the other groups14:45 - 15:00: Conclusion	Irénée Froissart
DEIXWG	13:30	15:30	Open/Working session	Technical Assessments of Challenge Submissions and look at the changes need to the concept model.	Frank Salvatore
General Automotive Working Group (AWG) meeting	14:00	15:30	Open/Working session		ALAIN DAURON, Gary RUSHTON
PM-SE Integration Working Group	14:00	15:30		Overview of the PM-SE Integration Working Group and description of initiatives. Intended audience is current WG members and new interested volunteers.	Tina Srivastava, Jean-Claude Roussel,
SBSE Technical Products Development	14:00	15:30	Open/Working session	SBSE is working on Phase 2 Deployment Packages (DPs) and completing marketing materials.	John Lomax Angela Robinson, Rüdiger Kaffenberger
Break Opening Plenary Academic breakout: Quizz evaluation and improvement for a better PM-SE understanding	15:30	15:30 17:30 19:30	Open	The session will be divided in three parts: First, an on-line guizz of 20 questions on PMBok and SE Handbook common topics. Around 45mn. Participation will be anonymous. People could use any pseudo to enter the game I Second part will consist of quizz	FALSE FALSE Veron Jean-Francois
Configuration Management WG Interactive Workshop	17:30	19:30	Open/Working session	correction, questions' improvement or new questions' proposal. Around 45mn. Third part: further work to be planned in the two hours we will do a final review of the following sections of the 5th Edition of the INCOSE Handbookconfiguration management process (Including CM for MBSE)Information management process (including data as master)traceability (new	Adriana D'Souza, Paul Nelson,
Grand Challenges Planning Session	17:30	19:30	Open/Working	section!) The Grand Challenges Planning Session is a follow up to the IS2020 strategy session: "Building the INCOSE Grand Challenges	Dale Nelson Erika Palmer
Knowledge Management Introduction	17:30	19:30	session Open/Working session	Program." This session will present outcomes in order build upon them and make a plan for 2021. This session aims at introducing the WG area of Knowledge Management (KM) and set the stage for work 2021. We "restarted" in 2020 and this session aims at describing where we come from and what our objectives are. We will refine our way of working based on lessons learned from last year and decide on how to move forward with our way of organising the work, over the net, and how we commit to work packages to be able to work 2021. We will also refine our charters, and clarify WG objectives in 2021. This session is Chaired by Jean and Robert. New ideas are welcomed please mail Jean and Robert two weeks before session in that case.	
Opening: MBSE Initiative Update Risk Management WG - IW2021 Meeting 3 of 6		18:00 19:30		This is an open outreach and working meeting for existing WG members, potential new WG members, and members of other WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during	Mark Sampson Jack Stein, Paul Heininger, Robert Parro

SE in Early Stage R&D Systems Science Working Group Day 1		18:30	Open/Working session Open/Working session	Objectives of the working group session - why are we here, what are we trying to accomplish2. Review working group accomplishments3. Summary of framework concept development4. Brainstorm concepts/perspectives for SE for R&D framework, related activities3. Brainstorm vision of where we want to be in 1 year - deliverables expectations6. Identify participants' interest in owning helping freviewing activities Overview of Systems Science Working Group SSWG Purpose, goals, and how to contribute to the group and advancement of systems science into through the use/development of systems science.	Ann Hodges, Mike DiMario Javier Calvo, Swami Natarajan,
Critical Infrastructure Protection & Recovery	18:00	20:00			James Martin, Anh Tong John Juhasz
Human Systems Integration Evolution in the Digital Society	18:00		Open/Working session	A few invited speakers will spark your interest by providing several noticeable experiences on HSI, mainly coming from the successful workshop virtually held in October 2020 (Ami Harel, INCOSE Israel), IEEE HSI Technical Committee (Holly Handley, Old	Guy Andre Boy
INCOCE Assessed to and Deletionable	10.00	20.00	Occa (Markins	Dominion University, USA), NASA (Cynthia Null, NASA Ames), and IEA (Michelle Robertson, IEA Representative). In the light of these three experiences, we will discuss current development of 181 in other places. It is should be noticed that HSI WG 2020 Workshop was reported in the article published in 2020 INCOSE Newsletter Q4. We will discuss and brainstorm on the implications for HSI in the near and middle-term future.	Adada II Kanana
INCOSE Ambassadors and Relationship Managers ISO MBSSE Draft Standard Review			Open/Working session	Managers. Differentiate between these two roles and update INCOSE Outreach policies accordingly. Meet with current INCOSE membership acting in these roles and solicit input.	Mitchell Kerman, Valkand Jhaveri Robert Malone
	18:00			Collate, review, and disposition review team comments on the draft International Organization for Standards Model Bases Systems and Software Engineering Standard	
MBSE Keynote Speaker: Culture Change Panel Product Line Engineering Working Group	18:00			Join us for the PLE WG's General Meeting to connect with PLE experts, find out what we're working on, and learn how you can get	Dr. Willy Donaldson, Oli De Weck, David Long, Tom McDermott, Mark Sampson
General Meeting	18.00		session	involved.Well start with a review of our current projects, then open the floor to new members and new ideas.Want to learn more about PLEPHave questions for practicing PLE experts?Want to exchange ideas and how to apply PLEPHave an idea on how to inspire and guide practicing Systems Engineers?The PLE WG General Meeting is the place to get these answers or find the collaborators to help you realize your ideas.	
Smart Cities -Definition and Metrics, Final Product Prep	18:00		Open/Working session	Over the past year, we have evolved a Smart Cities definition, metrics, and reference model. In this working session, we will review the product and prepare for submission to INCOSE Tech Ops for review and approval.	Jennifer Russell, Marcel van de Ven
Systems Thinking RoundTable (STRT)	18:00		Open/Working session	OUR TOPICS systems Thinking in Uncertain Times. OUR FORMAT is a reflective practice during which each participant is given equal time to comment on a selected topic or trend impacting our discipline. We begin by listening to the suggested topics and short guidelines for five minutes. We then spend the remaining 50 minutes listening in o, and offering an individual comment. The time is divided equally among all present (e.g., 27 people - 2 minutes each). Each day, a different topic will be suggested by a different volunteering facilitator in attendance. Folk wisdom and compelling research indicate that participants experience surprising benefits from this activity after just a few sessions. Experience with this format has resulted in the following theory: Just as we break the sound barrier when we travel faster than the speed of sound, we break the communication barrier when we hear 30 authentic viewpoints in 60 minutes. Used requarity, benefits accrue at compound interest.	Sue Gabriele
The Systematic Innovation Toolbox + Biologically Inspired Design	18:00		Open/Outreach session	Systematic innovation toolbox, current trends/research in biologically inspired design, and practical suggestions for implementing BID in industry. Dr Jonathon Weaver (University of Detroit Mercy) and Dr. Jacquelyn Nagel (James Madison University). Tiny tools for natural systems design. Curt McMamara, McD.	Curt McNamara
Complex Systems Working Group - CSWG Kickoff and Complexity Primer updates	19:00		Open/Working session	The Kick off session provides a review of the Complex Systems Working Group (CSWG) activities and the CSWG agenda for the INCOSE IN 2021. Updates to 'A Complexity Primer for Systems Engineers' to incorporate complex systems characterisits and a definition of Complex cystems will be reviewed.	Michael Watson
Cyber-Physical System (CPS) Workforce Questionnaire	19:00		Open/Outreach session	Outreach for input providing an operations-scaling contribution to Cyber SYSE addressing knowledge gap of IT/OT workforce and convergence challenges. System engineers are tasked with the design, development, implementation, and management of complex, large-scale, resilient systems. • Cyber resiliency is the billive to prepare for, respond to, and recover from cyber incidents. • Cyber resiliency is widely understood in the IT context, but not in the OT context. • The IT and OT workforce needs to be better understood. • What are the related knowledge, skills and attributes (KSAs) and new required KSAs? • What related training and certification is held? • Do OT personnel understand cybersecurity principles and practices? • How can IT personnel support Cyber-Physical System (CPS) and Control System (CS) needs? • How may this research be scaled?	Aleksandra Scalco
INCOSE Café	19:00				FALSE William Scheible .
Quality Management - SEQM - General	19:00		Open/Working session	Welcome and introductions Relevance of QM, QA and QC to SE QM Training opportunity / WG scholarship Focus Presentations/Teach-backs (10 min each) Discussion: Impacts of QM on SE Projects Discussion	William Schelble , Barclay Brown
Systems Engineering Heuristics and Systems Engineering Principles Bridging Team Report	19:00		Open/Working session	The Principles and Heuristics Bridging Team will report on the activities and approach in defining the relationships of the Systems Engineering Heuristics with the Systems Engineering Principles and System Sciences Principles.	Michael Watson, Dorothy Mckinney, Javier Calvo-Amodio
Understanding Information Lifecycles, Digital Threads and Value Stream Mapping	19:00	20:00	Open/Outreach session	Present concepts of applying Information Lifecycle analysis to Digital Threads and Value Streams for further discussion.	lan phillips
Opening: Inspire MBSE Lightning Talks	19:10		Open		FALSE
Reconciling the past with future Schema, Metamodels, & Ontologies, Oh My! Agile Systems and SE WG General Meeting	19:50	20:10		This meeting will start with a brief overview of the working group, then overview the INCOSE Future of Engineering (FuSE)	Juan Navas David Long Rick Dove
			session	initiative, then present the nine concepts in the FuSE Agility topic with interactive discussion and a poll on importance of the concepts, then a mini workshop on deeper aspects of the top two concepts in the poll.	
Enterprise Systems Working Group (ESWG) General Meeting			Open/Outreach session	Review progress since IW2020Identify collaborative opportunities with other WGsDevelop SMART goals for 2021	Kevin Nortrup, Tom McDermott
Patterns in business and design PDP content elicitation and discussion			Open/Outreach session Open/Working	Patterns in Nature - 3D Design Application + Enhanced User Experience (Elise Hounslow, toy industrial designer) + Wild Resilience: Learnings from Islands (Giselle Carr, Stardust Life-Centered Design) Purpose is to a) discuss / Introduce PDP content Taxonomy and state of material found b) ask attendees to recommend material	Curt McNamara Richard Beasley
Resilient Systems Working Group (RSWG) -			session Open/Working	they use themselves (especially in the gaps), c) discuss creation / adaptation of potential content to be more useful as Professional development material introduction to RSWig. Charter, Scope, Objectives, Activities, and Products	Kenneth Cureton
General Discussion / Business Meeting MBSE Transformation: The Cobbler's Kids Need			session	Discussion of IW2021 general events related to Resilient Systems	Bob Sherman
New Shoes INCOSE Model-Based Capabilities Matrix - Evolution		22:30	Open/Working session	10 minutes Welcome, Agenda and Logistics15 mintues Matrix and User's Guide Overview, Peek at the candidate US Air Force Metrics Program30 minutes candidate best practices, lessons learned and pro tips45 minutes Working Group Real Time Comments	Albert Hoheb,
Resilient Hospital Reference Model	20:30			on the Matrix and User's Guide - content changes, format changes20 minutes Recommended Actions Items	Howard Lykins
Treadstone+1: SAIC Public Validation Rules Certification Breakout Discussions	20:50 21:00	22:30		I'd like to have 90 minutes total time and 4 breakout rooms, each with a SME moderator / host. We'd alternate between 10 minutes of host presentation to the full group and 15-20 minutes of discussion within the breakouts. The three topics covered would be: 1. Which certification level is right for you? (breakouts: probably CSFP but mayer CSFP, probably CSFP but mayer ASFP, probably CSFP but mayer SSFP, and probably ESFP but mayer SSFP. Main presentation would describe what INCOSE certification is and the high level requirements for each 2. How do I fill out the application form or prepare for the exam? (breakouts: experience documentation for CSFPs and ESFPs from defense) - aerospace, preparing for the knowledge exam for ASFPs and CSFPs from other domains, Main presentation would show the application form and how experience is documented, and also describe exam format. 3. What about references, interview, leadership for ESFPs and cademic equivalencies? (breakouts: delintifying and working with your references for CSFP or ESFP, preparing for the SSFP interview, ESFP leadership documentation, academic equivalencies) Main presentation would describe the requirements for these things, including transition between cret levels and general equivalency options. Participants would choose to attend this session because they wanted to know more about INCOSE Certification. Most would want information presented to them, not yet having specific questions in mind. Many will identify questions during the session and will appreciate getting them immediately anxwered webally or in written chat. General questions they will have: Should I get certified? How do I get certified? Will my experience / degree be enough for a particular certification level? How do I prepare for the exam? (Michael Vinarcik Courtney Wright

All time are in CET IW2021 - Schedule by Day

Critical Infrastructure Protection & Recovery	21:00	23:00	Open/Outreach session	Meeting seeks interaction between cognizant individuals/ thought leaders/ systems engineers in diverse working groups to help organize a systematic approach to protecting our infrastructures from a spectrum of threat scenarios, including Cyber, Electromagnetic, and physical attacks. Mitigation of risk to populations and infrastructure assets is a key objective.	John Juhasz
Fellows Selection Committee			Closed	The Fellows Selection Committee and Fellows meet to discuss nomination packages and vote on candidates for INCOSE Fellow Award	Gregory Parnell
Training Working Group	21:00		Open/Outreach session	Promote the Training Working Group to attendees and recruit training module presenters.	Gabriela Coe, John Clark
Opening:Inspire MBSE Lightning Talks Grab-an-go MBSE for smallsats	21:30 21:50	21:50 22:10	Open Open		FALSE Samantha Infeld,
Modeling the Mission Dimension	22:10	22:30	Open		Taekyoo Won Jose Fernandez,
Integrated MBSE in Engineering Education		22:50			Juan Martinez Dr. Hazim El Mounayr
SE Inspire MBSE Lightning Speaker Interaction/Q&A	22:50	23:50	Open		Juan Navas, David Long, Bob Sherman, Howard Lykins, Michael Vinarcik, Samantha Infeld, Taekyoo Won, Jose Fernandez, Juan Martinez, Dr. Hazim El Mounayr
Quality Management - SEQM - General	23:00	23:59	Open/Working	Allow Australian and Pacific members to join. Training opportunities. Specific work on Primer and discussion on other major efforts	
Systems Science Working Group Day 1	23:00	23:59	session Open/Working session	for the year. Other WG's invited to stop by and meet ended at 00:30 New Definitions of \$E and System A study was conducted by the INCOSE Fellows to determine a more comprehensive definition of Systems Engineering to address the 21st century challenges. This also entailed defining "System" within the context of this more modern form of \$E. This presentation will describe the approach we took, the results in terms of 7 worldviews regarding the concept of system, and the recommendation new definition of \$E and \$ystem that has been adopted by INCOSE.	Barclay Brown Javier Calvo, Swami Natarajan, James Martin, Anh Tong
MBSE Workshop Wrap up & Look ahead	23:50	23:59			Mark Sampson, Troy Peterson
Saturday 30 Quality Management - SEQM - General	00:00	00:30	Open/Working	Allow Australian and Pacific members to join. Training opportunities. Specific work on Primer and discussion on other major efforts	
Systems Science Working Group Day 1	00:00	01:00	session Open/Working session	for the year. Other WG's invited to stop by and meet New Definitions of SE and System A study was conducted by the INCOSE Fellows to determine a more comprehensive definition of Systems Engineering to address the 21st century challenges. This also entailed defining "System" within the context of this more modern form of SE. This presentation will describe the approach we took, the results in terms of 7 worldviews regarding the concept of system, and the recommendation new definition of SE and System that has been adopted by INCOSE.	Barclay Brown Javier Calvo, Swami Natarajan, James Martin, Anh Tong
Telecommunications Working Group Meeting	00:00	03:00	Open/Working session	Planning session - reviewing recent activities of the Telecommunications Working Group, and planning future work. All welcome to contribute ideas on how systems engineering can improve practice in telecommunications. The Telecommunications Working Group aims to enable telecommunications systems stakeholders and providers to better support their users: Critical and emergency services personnel; Federal and municipal governments, utilities and transportation agencies; Enterprise and consumer users of commercial telecommunications services; and The Toward public. The WG intends to be A forum for telecommunications practitioners to discuss problems and challenges; A forum for systems engineers who are interested in telecommunications applications; of systems engineering for telecommunications. The purpose of the WG is to improve delivery of telecommunications solutions by enhancing the systems engineering body of knowledge for telecommunications applications.	John Risson,
Use Cases for Guide to ISO/IEC 42020	01:00	03:00	Open/Working session	This workshop is part of our effort to prepare a Guide to ISO/IEC/IEEE 42020 Architecture Processes. The ArchWG has been heavily involved in the development of the ISO/IEC/IEEE 42000 series of standards of which consist of ISO/IEC/IEEE 42010 Architecture Description. ISO/IEC/IEEE 42010 Architecture description. The Guide to ISO/IEC/IEEE 42020 is a planned ArchWG product that will integrate the series of standards with guidance to produce and end-to-end architecturing effort. The workshop will gather use case scenarios and requirements for the Guide. ArchWG also plans a session prior to IWV21 for those not already familiar with the specifications of the three standards in the 42003 series.	Richard Martin, Anand Kumar
Systems Science Working Group Day 2	03:00	05:00	Open/Working session		Swami Natarajan, James Martin, Anh Tong
Human Systems Integration Evolution in the Digital Society	09:00	12:00	Open/Working session	The second session will be devoted to more experiences on HSI & safety (Jean-Jacques Speyer, Brussels University, Belglum), HSI & automation/autonomy (Peter Moertl, Karl-Franzens-University, Graz, Austria), and HSI & artificial intelligence (Gopal Jani, India). These experiences will add crucial components of HSI for the development of the SF Handbook HSI chapter and HSI MSG guideline document work-in-progress – this will provide attendance a chance to participate in the construction of INCOSE HSI content, useful for training – the current HSI MSG writing team will be there to answer questions.	. Guy Andre Boy
Break Capture SE concepts through knowledge		10:00	Open Open/Working	We want to capture a model of Systems Engineering main concepts. The objective is to get feedback from other WG on a project	FALSE Robert Nilsson,
modeling Complex Systems Working Group - Complexity			session Open/Working	idea. The CSWG has been working to define more succintly the terms complexity and complex systems. This session will review and	Jean Duprez Michael Watson
Definition Work DEIXWG			session Open/Working session	discuss the work done by the CSWG on these definitions. Brainstorming plans to revisit creation of Digital Views and corresponding information relationships.	Frank Salvatore
Systems Thinking 101	10:00	12:00	Open/Working session	Broaden the knowledge in the understanding and application of systems thinking. This is applicable across working groups and members of INCOSE. The proposed workshop outline / agenda is as follows: Joining and Housekeeping Welcome and Introductions Motivation for Systems Thinking ("WHY") Breakout Session 1 - What is Systems Thinking Group Feedback Summany - first 3 volunteers - Presentation on "WHAT IS" Systems Thinking Breakout Session 2 - How do we understand a System Group Feedback Summany - first 3 volunteers - Presentation on "WHAT IS" Systems Thinking Breakout Session 2 - How do we understand a System" Discussion & Q&A on the "WHY", "WHAT" and "HOW" Exercise - Apply ST - Identify System of Interest, Stakeholders/Boundaries Discussion & Q&A on Applying ST (Osing	
DA working group -	12:00	13:30	Open/Working session	Decision Analysis and Set-Based Design	Frank Salvatore
				Purpose: Discuss the potential for the use of decision analysis in quantitative Set-Based Design Outcomes: Understand the potential for quantitative SBD Understand the use of quantitative SBD in industry and government Structure: Presentations: Quantitative Set-Based Design Dr. Eric Specking, 10 min UTC Nick Shallcross, 10 min Dr. Cliff Whitcomb, 10 min Group Discussion: Frank Salvatore, Facilitator, 40 mins Summary and Next Steps, Dr. Gregory S. Parnell, 20 minutes	
INCOSE Café Complex Systems Working Group - Complexity Heuristics		13:00 15:00	Open/Working session	Heuristics born from experience is a starting point to define fundamentals contained in principles. An open discussoin from INCOSE members work on complex systems will be engaged as we explore potential heuristics of complex systems.	FALSE Michael Watson
Knowledge Management & Ontology primer	13:00	15:00	Open/Working session	This session focuses on the work with a primer for KM. Jean D. leading the work will chair the session and taking us through the plan for TPP as well as intended plan for further work. We have refined our ideas over the year and now we need to decide how to move forward, do a detailed action plan and also spend time on revising the work so far and improving the primer itself.	Robert Nilsson

Smart Cities - Case Study - City of Ulaanbaatar: Product creation	13:00	15:00	Open/Working session	The SCI developed Smart City definition, reference model and metrics were applied to the City of Ulaanbaatar, Capitol of Mongolia. The application of the model demonstrated its potential and is in progress for collaboration with the City. This session will include a review of the application of the model to the City of Ulaanbaatar and a working session to document a case study of the	
Social Systems Primer Workshop	13:00	15:00	Open/Working session	application. If there are topics you would like to see covered in the Social Systems Primer, this is your last chance to get them included! Please also attend if you want to help write it. In this session the outline for the Social Systems Primer will be presented and discussed. We will focus on the following questions: (1) Have we included everything we should, (2) Have we have a clear understanding as to why each topic is important to tackle? Finle Palmer and Charlotte Dourdof (Social System Primer Editors) would like to ensure that at the end of the session that not only do we have a final outline, but we also have need statements to supplement each topic. We wish to recruit social scientists, unfamiliar with engineering, as authors and wish to give them clarity as to the need they are fulfilling and why it is important. We will focus on recruiting authors in Spring 2021.	Erika Palmer
Using Microsoft Teams for Real Time Technical Collaboration	13:00	14:00	Open/Working session	Meet, chat, call, and collaborate in one convenient place across INCOSE. Learn how to collaborate with groups of people in your working groups, task teams and project teams in INCOSE. Understand real time chat, multi-user simultaneous document editing, automatic version history, and in-document discussions. Microsof 17 erams, part of the Microsof 1365 platform (formerly Office 365), is used by over 115 million people every day and we're using it across INCOSE. We'll introduce Teams and show you how to use it right away to collaborate during the IW, using your computer or mobile. A recap will also be shared in the following 30 minuter Town-Hall session. Ittled the same.	Barclay Brown, Molly Kovaka
We chose MBSE: What's next?	13:00	15:00	Open/Working session	The purpose of this workshop is to Introduce MBSE pitfalls and explain how to avoid them in an interacting way, featuring presentation of MagicGrid framework. The framework consists of viewpoints and aspects organized in a grid view, where each cell is an artifact or a set of artifacts to deliver in the modeling process. It is the basis to understand MBSE lifecycle. Along the way workshop features four practical assignments, such as identifying major challenges in adopting MBSE, categorizing and tracing requirements, understanding different levels of abstraction.	Aurelijus Morkevicius
An Update on the INCOSE SE Handbook Fifth Edition	14:00	15:00	Open/Working session	INCOSE is in the process of updating the SE Handbook to the Fifth Edition with a targeted release at IS2023. This session will give an update on the current plan, present the updated handbook outline, and provide the current status of Working Group and Subject Matter Expert inputs. The session will provide information on the future plans, including how INCOSE members can get engaged with handbook reviews. It will also include time for questions & answers amongst the INCOSE Community.Facilitator(s)Handbook Editorial Team - Dave Walden, Tom Shortell, Garry Roedler, Bernardo Delicado, Odile Mornas, Yip Yew Seng	
Automotive Supplier Model Sharing	14:00	15:00	Open/Working session	Model demonstration Lessons Learned	David Heatherington
Outreach to young Systems Engineers	14:00	14:30	Open/Outreach session	The Dutch INCOSE chapter (INCOSE-NL) works together with an active group of young Systems Engineers who share knowledge and motivations, learn from each other during separately organized inspiring and social events, interactive workshops, network events, company visits and project visits. The group 'jongINCOSE' (In English: Young INCOSE), would like to take the opportunity to pitch themselves in a 15 min presentation in which they will explain how they are organized and how they work in the Netherlands and how they work together with INCOSE-IL. This might be an interesting pitch for those chapters that also like to reach out to young Systems Engineering professionals. The main message is how to create a win-win opportunity between young SE professionals and INCOSE-So, it worn't be a meeting, but a short pitch presentation. If chapters have interest in this matter, JongINCOSE can easily be contacted via e-mail.	Ger Schoeber
Break Town Hall: Systems Engineering Handbook	15:00 15:30	15:30 16:00			FALSE Bernardo Delicado,
version 5 Town Hall: INCOSE Collaboration Tools (MS	16:00	16:30			Dave Walden Barclay Brown
Teams, O365)				Onen session to inform new mambers of surrent activity and easily and accuracy according to the session of the	
Competency Working Group Open Session	16:30	17:30	session	Open session to inform new members of current activity and goals, and answer questions they may have.	Lori Zipes, Cliff Whitcomb
PDP content elicitation and discussion	16:30	18:00	Open/Working session	Purpose is to a) discuss / introduce PDP content taxonomy and state of material found b) ask attendees to recommend material they use themselves (especially in the gaps), c) discuss creation / adaptation of potential content to be more useful as Professional	Richard Beasley
PjBS initiative & SEH V5 update for PM-SE int	16:30	18:30	Open/Working	development material 1) To present the last status of the Project Breakdown Stuctures initiative of the PM-SE Integration WG2) To present the updates	Jean-Claude Roussel,
WG Resilient Systems Working Group (RSWG) -	16:30	18:00	session Open/Working	proposed for the SEH V5 from the PM-SE Integration WG Discussion of next steps for LDSE	Tina Srivastava Kenneth Cureton
Loss-Driven Systems Engineering (LDSE) Discussion	10.50	10.00	session	INCOSE Insight Issue Feedback SEBOK Additions for LDSE Proposed ISZUJA Additions for LDSE Call for LDSE Papers Decide to create a "Special Initiative for LDSE" or use RSWG as an Incubator for LDSE?	icinco cocco.
Sustainable Development Goal (SDG) Cluster	16:30	17:30	Open/Working	Interested in sustainable development? Have a project idea or want to join up with others working on this topic? Come learn about	Erika Palmer
Project Session SysML v2 Update	16:30	17:30	session Open	and help develop the Sustainable Development Cluster Project in the Social Systems Working Group!	Sandy Friedenthal
Model Based Knowledge Management	17:00	19:00	Open/Working session	This session is exploring one of the central aspects of knowledge management. A small group consisting of Swami, Jean and Robert have through a WG project initiated work on a concept for how knowledge Management can be executed in a model based fashion callied Model Based Knowledge Management (MBKM). The concept spars from theoretical aspects to the physical implementation in tools and is constructed on scientific principles. The ultimate objective is to organize knowledge in model form, and link these knowledge models to system models. This session will be chaired by Robert starting with a presentation of the concept bridging into future work and discussions of improvements.	Robert Nilsson
Model Portfolio Management Guide - INCOSE Adoption?	17:00	19:00	Open/Working session	20 minutes Welcome, introductions and logistics20 minutes Overview of the TIMLM 30 minutes Overview of the Aerospace MPM Guide document30 minutes Review of Candidate INCOSE Technical Procedure Plan20 minutes Next Steps	Albert Hoheb, Misak Zetilyan,
Systems Engineering Principles and Heuristics - Building Bridges	17:00	19:00	Open	Thus session will report the work of the Bridge Team, established to explore the relationships between SE Principles and Heuristics. Their talk will be entitled Towards a Framework for Understanding SE Principles and Heuristics'. This will be followed by an open, Tadilitated discussion on the questions raised, surrounding such issues as elegance, trust and their contribution to the wider SE knowledge base. There will be a brief recap of the Principles and Heuristics efforts, and an opportunity to sign up as Beta Users of the INCOSE online Heuristics Resource.	John NAllon Michael Watson, Dorothy McKinney, Javier Calvo-Amodio
Time with the Presidents	17:00	18:00	Open		Kerry Lunney,
Automotive WG working with other domain	17:30	19:00	Open/Working	Introduction (focus of the session, background, objectives, expectations of attendees)	Marilee Wheaton Andreas HEIN,
specific reference architectures			session	What is a Domain Specific Reference Architecture Illustration of Some Domain Specific Reference Architectures: SGAM, (Smart grid) ARAM (automotive) ARC-IT (intelligent transportation) Open discussion (practitioners feedback as far as possible) Process for cross Domain architectures (B. Brankovic, Salzburg university) Open discussion (pain points acknowledged by practitioners, opened questions) Wrap-up and potential next steps	Yann CHAZAL
Critical Infrastructure Protection & Recovery	18:00	20:00	Open/Working session	Meeting goal is to 1) address CIPR Admin tasks & challenges 2) manage logistics of CIPR / ATI integration to a single working group & 3) plan program content and outreach strategies for 2021	John Juhasz
Enterprise Architecture Process and Guide for Using UAF	18:00	20:00	Open/Working session	The Unified Architecture Framework (UAF) from the OMG provides a Domain Metamodel and a Profile that enables modeling of an Enterprise Architecture. INCOSE is helping them create an EA Guide for UAF to help people in applying the EA modeling views	Richard Martin, James Martin
	19:00	19:20		and concepts provided by the UAF standard. The UAF modeling approach is built upon and use Systil modeling networks and concepts provided by the UAF standard. The UAF modeling approach is built upon and use Systil modeling notation, but provides special concepts applicable to EA modeling efforts. This session will provide an overview of UAF and the EA approach, describe the intended contents of the EA Guide, and will solicit feedback on the EA modeling process contained therein, as well as review the outline of the Guide itself. Session Leaders: James Martin and Matthew Hause	Matthew Hause
Opening: Transformation Initiative Update PLE WG Business Meeting	18:00 18:00	18:20 19:00	Open/Working	PLE WG's leadership will handle a few administrative items	Troy Peterson Drew Stovall, Royland Darbin
Systems Thinking RoundTable (STRT)	18:00		session Open/Working session	OUR TOPIC: Systems Thinking in Uncertain Times. OUR FORMAT is a reflective practice during which each participant is given equal time to comment on a selected topic or trend impacting our discipline. We begin by listening to the suggested topics and short guidelines for five minutes. We then spend the remaining 50 minutes listening to, and offering an individual comment. The time is divided equally among all present (e.g., 27 people = 2 minutes each). Each day, a different topic will be suggested by a different volunteering facilitator in attendance. Folk wisdom and compelling research indicate that participants experience surprising henefts from this activity after just a few sessions. Experience with this format has resulted in the following theory. Just as we break the sound barrier when we travel faster than the speed of sound, we break the communication barrier when we hear 30 authentic viewpoints in 60 minutes. Used regularly, benefits accrue at compound interest.	Rowland Darbin Sue Gabriele
Working Group Round Robin (Select Working Group Overviews)	18:20	19:20	Open		FALSE
Resilient Systems Working Group (RSWG) - RSWG Inputs to Vision 2035	18:30	19:00	Open/Working session	Review and discuss RSWG Inputs that were proposed for Vision 2035	Kenneth Cureton
Complex Systems Working Group - Managing Complexity	19:00	21:00		Managing complexity is currently a nebulous topic, one that has been difficult to identify approaches and methodologies which can be applied in practice. This session will explore methodology and approaches in managing complexity in systems engineering. The session will seek to frame future activities and participants in Managing Complexity.	Michael Watson

All time are in CET IW2021 - Schedule by Day

NSWG/SocWG Joint Session	19:00	21:00	Open/Working session	This session will focus on modeling social-economic-ecological systems, with an emphasis on social systems and world models. Presenters include Ivan Taylor, Policy Dynamics Inc. (Canada); Paul McGoey, INCOSE Enchantment Chapter (USA); Victoria Hailey, Community Resilience Group (Canada); Dana Polojarvi, Maine Maritime Academy (USA). A portion of the session will be devoted to discussion on the potential for joint projects.	Randall Anway
Resilient Hospitals Systems Engineering Project	19:00	21:00		The goal of this meeting will be to:+ Describe the Resilient Hospitals project+ Discuss what we have accomplished to date+ Discuss	Howard Lykins
	19:00	19:30	session Open/Working	what comes next+ Discuss technical and other issues we are facing. Review and recommend additions, changes, and deletions to the RSWG Team Video presented at IW2021	Kenneth Cureton
RSWG Video Systems Engineering Education Ecosystem (SEEE)	19:00	21:00	session Open/Outreach session	The mission of Systems Engineering Education Ecosystem (SEEE) program is to create a collaborative ecosystem in which systems engineering educators can interact with SE employer partners and students to define, create and exchange curricular and pedagogical resources to enhance educational impact. The goals for this workshop are toinform INCOSE members about the SEEE programseceive feedback on the program and the current website portal prototypenelist member support for the program The meeting agends is 'Owerview of SEEE - 10 minutes Description of SCEEE - 10 minutes Description of Competencies and Structure - 10 minutes Breakout sessions (employers, academia, student/practitioner) - 60 minutes Discussion - 30 minutes We	Jon Wade, Cihan Dagli
Walking Through the SETDB System	19:00	20:30	Open/Working session	look forward to your participation! The STEDB Project Leaders will introduce the SETDB functionality including the Website landing page, Home page, Tool, Tool Vendor and Taxonomy browsing and searching. This will be a live session with interactive questions and answers. Stakeholders, users and tool vendors are encouraged to attend.	Robert Halligan, John Nallon, Stephane Lacrampe, Rene King
PLE WG Work session	19:20 19:30		Open/Working session	During this session, we will draft an updated Wikipedia article for Product Line Engineering. This will be a collaborative work session where authors will pull from primary sources and formulate a cohesive article that can be submitted to Wikipedia.	Phil Zimmerman Drew Stovall, Rowland Darbin
Analyst MBSE Update	19:40 20:00 20:00		Open Open/Working session	First-level project-planning for collaborations and other action-items from previous session	Tom McDermont Don Tolle Kevin Nortrup, Tom McDermott
INCOSE Café Risk Management WG - IW2021 Meeting 4 of 6		21:00 22:00	Open/Outreach session	This is an open outreach and working meeting for existing WG members, potential new WG members, and members of other WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during the IW3021 at various times of the days of that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday alor 32 and our last is on Thursday alor 4th. The two hour meetings include, but are not limited to, the following topics/agends: 1 - Welcome and Introductions 2 - Risk Management WG Ovenview 3 - Update of Risk Management Content for the INCOSE SE Handbook 5th Ed Overview/Status, Input from Attendees, Discussion 4 - What's new in (FDIS) ISO/IEC/IEEE 16085:2021 "Systems and software engineering — Life cycle processes — Risk management" 5 - Risk Management Presentation from WG Member or Guest 6 - Open Discussion - Ideas, Needs, Expectations, etc. for the INCOSE Risk Management WG of the Future	FALSE Jack Stein, Paul Heininger, Robert Parro
System Security Engineering WG General Meeting	20:00	22:00	Open/Working session	This meeting will start with a brief overview of the working group, then overview the INCOSE Future of Engineering (FuSE) initiative, then present the eleven foundation concepts in the FuSE Security topic with interactive discussion and a poll on importance of the concepts, the pol a mini workshop on deeper aspects of the top two concepts in the poll.	Rick Dove
Systems Science Working Group Day 2	20:00	22:00	Open/Working session		
TWG Working Session	20:00	22:00	Open/Working session	IntroductionsOrganization Overview & Call for volunteersNew Member ImpressionsOverview of activities at and since IW2020 Co-chair Reports Products: Standards, Newsletter, Case Studies Events: IW, IS, Webinars Services: Website, LinkedIN, survey/census Membership: Outreach, Contacts Working Group Communications 5 Plans for 2021 (see each item above)6 APTA & INCOSE Collaboration & MOU	Dale Brown, Karl King
MBSSE Standard Update	20:20 20:40 21:00	21:00		Initial meeting of new working group, Financial Services Systems Working Group	Russel Peak Bob Malone William Scheible, Gina Guillaume- Joseph, Bradford Leigh
MBSE Tools Database Update Spatial Thinking and Natural Systems CubeSat Referene Model	22:00	21:40 23:00 22:20	Open Open/Outreach session Open	Panel on spatial skills and engineering. Includes David Uttal, co-chair at SILC, and Roberta Golinkoff, of U Del.	Dov Dori John Nallon Curt McNamara, Alex Wolf David Kaslow Peter Coleman
Simulation WG		22:40			
Production & Logistics Challenge	22:40	23:00	Open		Tim Sprock, Leon F. McGinnis
OSLC MBSE Initiative / Transformation Wrap Up	23:00	23:30	Open Open		Bill Chown Troy Peterson,
					Mark Sampson
Sunday 31 MBSE Virtual Reception	00:00	01:00	Open		FALSE
Systems Science Working Group Day 2	00:00	02:00	Open/Working session	SSWG Rethinking Systems Design and Engineering (George Mobus - ISSS President Elect)There is a rich body of systems science inowledge even if there may not be a widely accepted general theory of systems. There is a definition of systemness that employs a number of general principles and a set of aspects. which are applicable to all complex adaptive and evolvable systems (CAES). This presentation argues for the universality of these aspects, giving examples, and suggests an approach to systems engineering that explicitly entails knowledge of each of these aspects in the way that traditional engineering entails knowledge from the natural sciences. A model of a revised design and engineering process/organization is provided showing how aspect experts can be utilized in the design and engineering of CAESs. The education of aspect experts in a graduate engineering curriculum is also presented as a necessary step to incorporating systems science in the SE activity.	Javier Calvo, Swami Natarajan, James Martin, Anh Tong
	09:30 10:00		Open/Working session	Select some data item descriptions and revise them.	FALSE Frank Salvatore
PDP content elicitation and discussion	10:30	12:00	Open/Working session	Purpose is to a) discuss / introduce PDP content taxonomy and state of material found b) ask attendees to recommend material they use themselves (especially in the gaps), c) discuss creation / adaptation of potential content to be more useful as Professional development material	Richard Beasley
Human Systems Integration Evolution in the Digital Society	12:00	15:00	Open/Working session	This session will challenge the topic, "people in our growing digital world", which is currently planned to be the general topic of the upcoming HSi2021 conference in November. A few speakers will entertain the session and trigger discussions. Three topics will be proposed: UR MOD contribution to human Factors integration (Michael Boardman, MOD), HSI & resilience (Grace Kennedy, Willongong University, Australia), HSI & the 4th Industrial Revolution as a Discipline and as a Practice (Avigdor Zonneshain, Technion, Israel); the need for investing in advanced HSI research/innovation and mechanisms (How & What), such as international projects and company-driven projects (Guy André Boy, INCOSE HSI WG Chair, France). In addition to these topics, we also think about discussing about the need for Lifelong Learning (LLL) for HSI engineers and practitioners – a short introduction will open this discussion and the preparation of HSI challenges for a Hackathon to be conducted during HSI2021 conference.	
INCOSE Cafe Applying the Systems Engineering Competency Assessment Guide	12:00 13:00		Open/Working session	This 60 minute session is a partner to the following Town Hall 30 minute overview, and intends to highlight portions of this upcoming INCOSE product by demonstrating how the guide would be used during this session. The Systems Engineering Competency Assessment Guide (ISECAS) is the companion guide to the INCOSE Systems Engineering Competency Framework (ISECF). The ISECAG provides elements for determining an individual's competence as demonstrated by assessing attainment of ISECF competencies. The Competency Working Group developed a Competency Assessment Guide that will allow organizations to map from the competencies into an ability to assess competency development and attainment of the competencies by individuals. This goal is being accomplished through a team of CWG members as volunteers filling out sections of the guide, subsequent peer review of the initial drafts by the CWG team, and later by additional SMEs. Many of the team were members who developed the INCOSE Systems Engineering Competency Framework.	FALSE Lori Zipes, Cliff Whitcomb, Ian Presland

Digital Engineering Body of Knowledge	13:00	15:00	Open/Working session	The Digital Engineering Body of Knowledge (DEBoK) is being worked on by the Department of Defense and we are planning a workshop to explain our goals and provide an overview of the effort and engage participants in a workshop to help define user roles that would produce/consume content of the DEBoK and to help us identify the types of information to include in the DEBoK and the organization of information within the list of user roles. Finally we are looking to identify gaps and further refine the requirements for the DEBoK.	Frank Salvatore, Brandon Quash , Jeff Nartatez, Phil Zimmerman
				Day 2 Jan 31, 2021. Agenda. trying to move to a later time. 1300 - 1310 Welcome & Introductions 13100 - 1320 Summarize Previous Day's Activities Summarize Previous Day's Activities Overview of Breakout Group Process 1320 - 1420 Breakout Sessions (Use results from Day 1) Breakout Group 1: DEBOK User Roles and Pathways/Structure Breakout Group 2: DEBOK Functions/Requirements 1420-1500 Wrap-Up	
Handbook Editor Meeting Smart Cities - View Point integration			Closed Open/Working session	Coordination of handbook editor topics. The SCI developed model features the human at the center, rather than the technology. In this session, we will collaborate to review the SCI model and prepare a View Point integration that illustrates how the SCI model can work with other existing Smart Cities models that commonly focus on the technology. The session is intended to kick-off a supporting product to the SCI Definition that highlights to synchronicity and distinctions between the INCOSE model and those of other entities. Specific evaluation will include the Delotite Smart Cities model.	David Walden Jennifer Russell, Marcel van de Ven
Systems Engineering Process Mapping to SETDB Tool Categories Live Demonstration	13:00	15:00	Open/Working session	The SETDB Project Team will demonstrate the Systems Engineering Tools Database Tool Category Explorer features. They will provide a quick overview and do a live walk through the SETDB Taxonomy Browser and the category mapping to the processes	John Nallon, Rene King,
Systems Science Working Group Day 3	13:00	15:00	Open/Working session	defined in the INCOSE SEH and the PPI Process Elements. Questions and suggestions are encouraged.	Robert Hailigan Javier Calvo, Swami Natarajan, James Martin, Anh Tong
A Preview of the Systems Engineering Vision 2035	14:00	15:00	Open/Working session	This session provides participants a preview of the SE Vision 2035 that will include a presentation followed by Q&A and recap during the Town Hall 30 min segment. The SE Vision is intended to inspire and guide the direction of systems engineering across the broad stakeholder community. The SE Vision 2035 is an update to the SE Vision 2025 that was issued in 2014. The vision is currently in progress with a planned review that begins following the International Workshop. The presentation will summarize the content of each of the 4 chapters which address the Global Context for Systems Engineering, the Current and Future State of Systems Engineering, and a chapter on Realizing the Vision. The presentation will also highlight how participants can provide their feedback as part of the upcoming review process.	Sandy Friedenthal, Paul Schreinemakers, Garry Roedler, Heinz Stoewer
Al and Ethics	14:00	15:00	Open/Working session	This is a joint session between the AI WG, Complex Systems WG and the Social Systems WG. We will have a short presentation on the basics of AI & Ethics and then open it up for discussion.	Erika Palmer
Using Agile SE Decision Guidance Methods In A University CubeSAT Environment	14:00	15:00		The objectives of this session include:Raising awareness of the methodology usage experience by a university based CubeSat project (HVPSO) team. Discuss how the assessment methodology improves situational awareness and provides a way to measure Agile response capability. Solicit additional interested users in the INCOSE community. Then end with a short discussion on how best to integrate with INCOSE FUSE initiative and related agile SE principles.	Ron Lyells
Town Hall: Systems Engineering Vision 2035 Town Hall: Applying the Competency Assessment Guide		15:30 16:00			Sandy Friedenthal Lori Zipes, Cliff Whitcomb, Ian Presland
Working Group Market Place Working Group Market Place		17:00 17:00		Analytic Enablers Application Domain	FALSE FALSE
Working Group Market Place Working Group Market Place	16:00	17:00 17:00	Open	Process Enablers Transformational Enablers	FALSE FALSE
Working Group Market Place Strategic Technical Planning (STP) PM-SE	16:00	17:00		Other Groups & Initiatives Strategic Technical Planning (STP) Initiative is an Initiative within the PM-SE Integration Working Group: The main problem	FALSE John Lomax
Stategic Feundal Fransing (317) Poi-Se Working Group Initiative	10.50	10.30	session	Statements are strategic in nature: The Contractor-Supplier 'acquisition game', leading to an unsatisfactory outcome for both sides The 'surprise' of the Contract ward, expected to be delivered by Program Management and Systems Engineering, when the 'seeds of failure have already been sown'. 'Unproductive Tension' caused by Program Managers and Systems Engineers silos. Inability of system engineers to articulate Earned Value. The subsequent effects of weak planning. Addressing Technical Maturity across the Life-cycle.	Julii Culiax
				The Initiative's approach is to:	
				 Understand and define the Strategic approach that addresses the above issues and Technical Maturity requirements across the lifecycle. Recognize the importance of the Technical Management Process and its coupling with Program Management. Act as a home for proposed related concepts and solutions and concepts for further exploration. 	
Break Closing address		17:30			FALSE
AI-SE Primer Workshop	17:30 18:00	18:00 19:30	Open/Outreach session	This meeting will introduce INCOSE community to the under development INCOSE AI-SE Primer led by the AI-WG. AI-SE primer is intended for the practicing Systems Engineers who would like get to know AI and the potential is offers for SE discipline. The agenda for the meeting is as follows: Introduction to AI-SE Primer and ISES [climins] splited introduction to AI-WG FuSEAI-SE Primer/What is Artificial Intelligence (20 mins) Definitions of AI Historical Origins and SE rootsFoundation of AI AI Applications Q&AArtificial Intelligence for Engineering System (20 mins) AI in Today's and Legacy Systems 32 Digital Engineering Transformations AI-Enabled Operational Concepts and Capabilities of Future Systems.3-ASystems Engineering Challenges for AI-Enabled Systems.3.5AI-Enabled Systems Engineering Process Models Q&AEngineering Artificial Intelligence by Systems Engineering (15 mins)Issues faced in current development of AIEthics of AIQ&AArtificial Intelligence and Future of Systems Engineering (10 mins)Roadmap of AI in Systems Engineering Q&AOpen Discussion (15 mins)	FALSE All Raz, Barclay Brown
Comparison of PMBOK and the SE Handbook	18:00	19:00	Open/Working session	$Review\ of\ work\ done\ in\ the\ last\ year PM\ -\ SE\ Glossary PMBOK\ -\ SE\ Handbook\ Comparisons Solicitation\ of\ next\ steps$	Mark Kaufman
IVV WG Discussions and Product Development	18:00		Open/Working session	Review of current work updating integration standards and the SE Handbook and upcoming work on the V&V Guide (led by Requirements WG) and integration Guide. Discussion of integration issues and concepts that should be addressed in these or other documents.	James Armstrong
Practical Knowledge Modelling Session	18:00	21:00	Open/Working session	This session is chaired by Robert and technically supported by Bill where we explore the possibilities of the MBKM-concept set-up. This is a working session aiming at providing insight to the Knowledge Management area by hands on practise. To enable this work	
Resilient Systems Working Group (RSWG) - Brainstorming of RSWG activitie	18:00	20:00	Open/Working session	a special meeting order will be introduced initially enabling structured questions and comments. Potential for Resilience Primer Potential for LSDE Primer Achieving Resilience via Agility Taxonomy for Adversities Harmonization / Outreach of Resilience Concepts with the Broader Community (other INCOSE Groups, AIAA, IEEE, ISO/IEC, Publications, etc.)	Kenneth Cureton
SBSE Technical Products Development	18:00	19:30	Open/Working session	SBSE completes work for review on Phase 2 Deployment Packages (DPs) and marketing materials.	Angela Robinson , Ken Ptack
Social Systems WG Wrap-Up Session	18:00	19:00	Open/Working session	We would like to gather everyone together to hear what they learned from other WG sessions and discuss the outcomes of the SocWG sessions. This will include finalizing plans for 2021.	Erika Palmer
Systems Thinking RoundTable (STRT)	18:00	19:00	Open/Working session	OUR TOPIC Systems Thinking in Uncertain Times. OUR TOPIC Systems Thinking In Uncertain Times the suggested topics and short guidelines for five minutes. We then spend the remaining 50 minutes listening to, and offering an individual comment. The time is divided equally among all present (e.g., 27 people = 2 minutes each). Earl day, a different topic will be suggested by a different volunteering facilitator in attendance. Folk wisdom and compelling research indicate that participants experience surprising benefits from this activity after just a few sessions. Experience with this format has resulted in the following theory: Just as we break the sound barrier when we hear 30 authentic viewpoints in 60 minutes. Used regularly, benefits acrue at compound interest.	Sue Gabriele

SE in Early Stage R&D	18:30	20:00	Open/Working session	Objectives of the working group session - why are we here, what are we trying to accomplish2. Review working group accomplishments3. Summary of framework concept development4. Brainstorm concepts/perspectives for SE for R&D frameworks, related activities5. Brainstorm vision of where we want to be in 1 year - deliverables expectations6. Identify	Ann Hodges, Mike DiMario
Emergence: Theory, examples and modeling	19:00	20:30	Open/Working session	participants' interest in owning/helping/reviewing activities This session will focus on emergence in complex social-economic-ecological systems, highlighting important considerations for modeling with Systems Dynamics model examples. Presenters include Ivan Taylor, Policy Dynamics Inc. (Canada) and Dana	Randall Anway, Curt McNamara
Lean Startup Method/Agile for Initial Project Planning Interactive Workshop	19:00	21:00	Open/Outreach session	Polajani, Maine Maritime Academy (USA). This Interactive Workshop will provide attendees with knowledge and practice in using a facilitated hybrid approach for Initial Project Planning (IPP). The facilitated approach, borrowing best practices from the Lean Startup Method (LSM), as well as Agile Systems Engineering, Software Engineering, and Project Management, brings together project decision makers in one or more collaborative "IPP Meetup" sessions. The primary outcome of these IPP Meetup sessions is a set of consensus Project Focus Mechanisms including:— Project Title and Purpose Statements,— Project Vision (in the form of a Project Vision Board Extended (PVBE)).— Project Stakeholder Group Lestia (sale Example Persona Ist).— Example Stakeholder Group Details (sale Example Persona Templates).— Project Target Groups (i.e., Persona List).— Example Stakeholder Group Details (sale Example Persona Intitial Set of System-Level Capabilities. This interactive workshop will show attendees how any project (e.g., develop new or updated product or service, conduct feasibility study, make operational or strategic decisions, etc.) can use this hybrid "Meetup, Clean Up, and Post Up" IPP approach, to develop a consensus set of Project Focus Mechanisms, that the project can use to efficiently and exelopement throughout the project development the cycle.	Howard Lykins, Mike Pafford
SysML v2 Demo and Discussion	19:00	21:00	Open/Outreach session	The SysML v2 Submission Team (SST) is nearing the completion of its work on the Systems Modeling Language (SysML), Version 2. To support the creation of the new SysML v2 specification, the SST has also been developing a pilot implementation for the language, including a prototype repository using the proposed standard service APIs. This session will present a demonstration of the latest release of the pilot implementation and provide an opportunity for an interactive discussion on the capabilities, goals and status of the new standard.	Edwin Seidewitz, Manas Bajaj
Systems Engineering Principles, Heuristics, and System Science Principles Coordination of Systems Engineering Handbook Sections	19:00	21:00	Open/Working session	The Systems Sciences Working Group, Systems Engineering Heuristics Team, and Systems Engineering Principles Action Team will discuss coordination of drafted sections for the Systems Engineering Handbook update. Discussion will include references between the sections and description of the relationship between the different Principles and Heuristics as part of the Systems Engineering Handbook update.	Dorothy McKinney,
, , , , , , , , , , , , , , , , , , , ,			Open/Working session	Participatory workshop on emergence from natural and complex systems perspectives. There will be breakout sessions to explore the topic and the group will decide what sort of product should be generated.	Curt McNamara, Randy Anway, Michael Watson
	21:00 21:00		Closed	Fellows Committee business meeting	Gregory Parnell FALSE
Monday 1			Open/Outreach	The SysML v2 Submission Team (SST) is nearing the completion of its work on the Systems Modeling Language (SysML), Version 2.	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			session	To support the creation of the new SysML v2 specification, the SST has also been developing a pilot implementation for the language, including a prototype repository using the proposed standard service APIs. This session will present a demonstration of the latest release of the pilot implementation and provide an opportunity for an interactive discussion on the capabilities, goals and status of the new standard (This is a repeat of the Sunday session.)	Manas Bajaj
Establishing SETDB Tool Vendor Accounts	17:00	18:30	Open/Outreach session	SE Tool Vendor Briefing: After a brief introduction to the SE Tools Database the SETDB Team will execute a Use Case depicting a tool vendor requesting a Vendor Account to obtain login credentials. Once logged in, we will review the features to use to enter you company and product information and capture your product data for publication. Open to any interested SE Tool Vendor.	John Nallon, Stephane Lacrampe, Rene King
INCOSE-NAFEMS Systems Modeling & Simulation Community Meeting	17:00	20:00	Open/Outreach session	Remind on INCOSE-NAFEMS collaboration + summary SMS WG activities from 2020 and plans for 2021 + mix of topical related presentations + opportunities for Q&A with audience.Further details to be provided in January. Join by meeting number Meeting number (access code): 127 188 9081	Peter Coleman, Frank Popielas
SOS and Complexity Joint Working Session	17:00	19:00	Open/Outreach session	Meeting password: Misaadu93jq3 Working meeting on the Systems and Complexity project, which was initiated at IW 2020. The objective of the project is to investigate the application of the complexity taxonomy and approaches to address SOS complexity, with the intent of developing some practical approaches for SOS.	Alan Harding, Judith Dahmann
				This session will provide an introduction to the project, describe work done to date, and introduce the method and two SoS case studies for the workshop scheduled for Tuesday 2nd February at 1700-1900 CET. Ideally, people will attend both the Monday and Tuesday sessions, but you are welcome to attend either session if that is all you can manage. Please email alandharding@gmail.com or jdahmann@mitre.org if you plan to attend so we have an idea of numbers.	
Standards Development Department	17:00	18:00	Open/Working session	Verify participation schedule and participants for 2021, discuss new opportunities and extent of commitments in subsequent years, review process for liaison interaction with SDO	Richard Martin, Ken Kepchar
MBX/Digital Ecosystems & OpenMBEE workshop	18:00	23:00	Open/Working session	9:00-9:05am PDT: Introduction/Workshop Start – Brittany Friedland 9:05-10:03am PDT: OpenMBEE Community as Industry Driver – Enrique Krajmalnik 10:00-10:30am PDT: OpenMBEE Lintro – Chris Delp/Robert Karban 10:30-11:40 am PDT: OpenMBEE Lintro – Chris Delp/Robert Karban 10:30-11:40 am PDT: OpenMBEE Update MMS 4 Update – Ward Schweitzer / Ivan Gomes MCF- Chaz Galey NumFocus Indusion – Chris Delp 11:40-12:30 PDT: Lunch 12:30-1pm PDT: Fodr's OpenMBEE Pilot Project Overview– Ahsan Qamar 1:00-2:00pm PDT: Open Discussion on SysML V2 - All SysML V2 Formulation Working Group – Chris Delp SysML V2 and Stakeholder Review – Sandy Friedenthal User Research – John Carr SysML V3 sysML V2 Transition – Ron Williamson	Brittany Friedland, Chris Delp
Handbook Editor and Author/WG Coordination Meeting	19:00	20:00	Closed	Placeholder for any needed coordination meetings between the SE Handbook editors and specific authors or sections. Purpose will be to resolve any potential issues or conflicts within or amongst sections. Specific authors will be contacted for specific sections as needed.	David Walden
Tuesday 2 Handbook Editor & Domain WG Meeting #2	16:00	18:00	Open/Working session	This is the second of two planned IW21 meetings to discuss the handbook update implications for the INCOSE Domain WGs.Primary focus: Resolution of Actions from W21 Meeting #1 related to:Which WGs are planning to do create an "application guide?" Common Format/Outlines (w/ Tailoring)?Consistent Size?Schedule?Relationship between SEH Editors and Domain WGs?-	David Walden
SOS and Complexity Joint Working Session	17:00	19:00	Open/Working session	Assignment of actions going forward The aim of this workshop is to make progress on the joint project between SOSWG and Complex Systems WG that seeks to investigate the application of the complexity taxonomy and approaches to address SOS complexity, with the intent of developing some practical approaches for SOS.	Alan Harding, Judith Dahmann
				After a brief introduction, attendees will be split into breakout groups to discuss how the complexity taxonomy applies to two examples of SoS (Smart Highway SoS, a Defense SoS). We will then reconvene to share insights before concluding the workshop.	
				This workshop follows a session on Monday 1st February at 1700-1900 CET that provides an introduction to the project, the complexity taxonomy, and the two SoS we will discuss. Ideally, people will attend both the Monday and Tuesday sessions, but you are welcome to attend either session if that is all you can manage. Please email alandharding@gmail.com or jdahmann@mitre.org if you plan to attend so we have an idea of numbers.	
Handbook Editor and Author/WG Coordination Meeting	18:30	19:30	Closed	Placeholder for any needed coordination meetings between the SE Handbook editors and specific authors or sections. Purpose will be to resolve any potential issues or conflicts within or amongst sections. Specific authors will be contacted for specific sections as needed.	David Walden
Wednesday 3 Handbook Editor and Author/WG Coordination Meeting	16:00	17:00	Closed	Placeholder for any needed coordination meetings between the SE Handbook editors and specific authors or sections. Purpose will be to resolve any potential issues or conflicts within or amongst sections. Specific authors will be contacted for specific sections as	David Walden
	17:00	19:00	Open/Outreach session	needed. Meeting to address upcoming SOS contributions to SE Standards, the INCOSE SE Vision 2035, the INCOSE SE Handbook 5th Edition, and the SE Body of Knowledge (SEBOK)	Alan Harding, Judith Dahmann
Thursday 4	01-00	U3-00			
Risk Management WG - IW2021 Meeting 5 of 6	U1:00	υ3:00	Open/Outreach session	This is an open outreach and working meeting for existing WG members, potential new WG members, and members of other WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during the IW2021 at various times of the day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday Jan 28 and our last is on Thursday Feb 4th. The two hour meetings include, but are not limited to, he following topics/agenda: 1 - Welcome and Introductions 2 - Risk Management WG Overview 3 - Update of Risk Management Content for the INCOSE SE Handbook 5th Ed Overview/Status, input from Attendees, Discussion 4 - What's new in (FDIS) ISO/IEC/IEEE 16085-2021 "Systems and software engineering — Life cycle processes — Risk management" 5 - Risk Management Presentation from WG Member or Guest 6 - Open Discussion - Ideas, Needs, Expectations, etc. for the INCOSE Risk	Robert Parro
				Management WG of the Future	
Handbook Translations Coordination Meeting Asia-Oceana	12:00	13:00	Open/Working session		David Walden

Risk Management WG - IW2021 Meeting 6 of 6 17:00 Poper/Outreach Session WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during he will be day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday 176 44th. The two hour meetings include, but are working with the Risk Management WG. We have scheduled six (6) two-hour meetings include, but are working with the Risk Management WG. We have scheduled six (6) two-hour meetings include, but are working with the day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday 1764 4th. The two hour meetings include, but are working with the Risk Management WG rembers, pademate. The WGS is the MGD was a proposed with the day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday 1764 4th. The two hour meetings include, but are working with the Risk Management WG rembers, and members, and members of other MGS was the working with the day so that colleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday 1764 4th. The two hour meetings leaded of Risk Management Posses and Solve and provided and introductions 2 - Risk Management WG rembers. Potential for the following potential issues or concerns. Becarding the Working Solve and the following potential issues or concerns. Becarding the Working Solve and Solve and Solve and Solve and First Solve and Sol						
Handbook Translations Coordination Meeting EMEA BMEA In 18:00	Risk Management WG - IW2021 Meeting 6 of 6	5 17:00	19:00		WGs interested in learning about or working with the Risk Management WG. We have scheduled six (6) two-hour meetings during the IW2021 at various times of the days oth act tolleagues from all time zones can attend join us at least once during normal waking hours. Our first meeting is on Thursday Jan 28 and our last is on Thursday Feb 4th. The two hour meetings include, but are mitted to, the following topics/Jagends: 1 - Welcome and Introductions 2 - Risk Management WG Overview 3 - Update of Risk Management Content for the MCOSE 5E Handbook 5th Ed Overview/Status, Input from Attendese, Discussion 4 - What's new in (FIDIS) ISO/IEC/IEEE 10085:2021 "Systems and software engineering — Life cycle processes — Risk management" 5 - Risk Management Freenantian from WG Member or Guest 6 - Open Discussion - Ideas, Needs, Expectations, etc. for the INCOSE Risk	Paul Heininger, Robert Parro
NCOSE/NDIA SSE & Cybersecurity Definitions 15:00 17:00 Open/Working Workshop Workshop This is an interactive workshop to align and harmonize terms related to systems security engineering. We will explore Holly Dunlap, Jumile McEver authoritative definitions and discuss the potential evolution of terms. Starting with existing definitions, we will resonate on a Jimmie McEver SSE WG technical product. Initial terms to be considered include systems security engineering, cyber, cybersecurity, resiliency, cyber resiliency, and cyber survivals. Initial terms will be provided from NIST, SEBOK, INCOSE, DoD, and CNSS. Participants are welcome to bring definitions from other sources to the workshop.	Handbook Translations Coordination Meeting			session Open/Working	IS2021, IEEE SYSCON. One of two coordination meetings between the SE Handbook editors and future handbook translation teams. Purpose will be discuss preliminary translation plans and to identify potential issues or concerns. Bernardo DELICADO & Odlie MORNAS (EMEA & SA) & WP Yew-Seng (Asia-Oceana) are the editorial leads for this topic. As of this time, we are aware of the following potential translations of the future Fifth Editionet MEAFrench - AFIS (Fernch Chapter) and Tunislan ChapterGarman - SGES (German Chapter) and Swiss ChapterItalian > Italian ChapterRussian -> Russian ChapterSpanish -> AEIS (Spain Chapter) and Colombia & Mexico ChaptersAsia-OceanaChinese >- Ciniese Chapter and Taiwan ChapterSpanish -> AEIS (Spain Chapter) and Colombia & Mexico ChaptersAsia-OceanaChinese >- Ciniese Chapter and Taiwan ChapterSpanish -> AEIS (Spain Chapter) and Colombia & Mexico ChaptersAsia-OceanaChinese >- Ciniese Chapter and Taiwan ChapterSpanish -> AEIS (Spain Chapter) and Colombia & Mexico ChaptersAsia-OceanaChinese >- Contempor Chapter (Autor Chapter) and Chapter (Area Chapter) and Chapte	Judith Dahmann
Workshop session authoritative definitions and discuss the potential evolution of terms. Starting with existing definitions, we will resonate on a limmle McEver consistent way to clarify the term for context, and their relationships. The output of this workshop will be the basis of a future SSE WG technical product, initial terms to be considered include systems security engineering, cyber, cybersecurity, resiliency, cyber resiliency, and cyber sunvivability, initial definitions will be provided from NIST, SEBOK, INCOSE, DoD, and CNSS. Participants are welcome to bring definitions from other sources to the workshop.	Friday 5					
Handbook Editor Meeting 16:00 18:00 Closed Coordination of handbook editor topics. David Walden		15:00	17:00		authoritative definitions and discuss the potential evolution of terms. Starting with existing definitions, we will resonate on a consistent way to clarify the terms, their context, and their relationships. The output of this workshop will be the basis of a future SSE WG technical product. Initial terms to be considered include systems security engineering, cyber, cybersecurity, resiliency, cyber resiliency, and cyber survivability. Initial definitions will be provided from NIST, SEBOK, INCOSE, DoD, and CNSS. Participants	
	Handbook Editor Meeting	16:00	18:00	Closed	Coordination of handbook editor topics.	David Walden