Monday at IS 2020

Start En		Start time	End time	Start time	End time	Start time	End time	Start time	End time	Start	End time	Start time	End time	Start	End time		Track 1	Track 2	Track 3	
South Afric	ca	Uł			st Coast		est Coast		dia	CI	nina	Kore	a and		a Sydney		Needs and Requirements Definition I	Technical Leadership I	Verification/Validation	
and Europ	oe		-				1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	""		Hon	gkong	j Ja	pan		- , - , - , - ,		Richard Beasley, Duncan Kemp	Heather Feli, Benjamin Mogridge	Paul Schreinemakers, David Ward	
																	Paper#40: 1.1.1 / Towards Systemic Handling of Requirements in the Oil and Gas Industry – a Case Study	Panel#2: 1.2.1 / Everything you Wanted to Know about Technical Leadership but were Afraid to Ask	Paper#75: 1.3.1 / Hatley-Pirbhai Control Flow Diagram with SysML for Earl Validation	
10:00 10:	:40	09:00	09:40	04:00	04:40	01:00	01:40	13:30	14:10	16:00	16:40	17:00	17:40	18:00	18:40		Siv Engen, Kristin Falk (University of South-eastern Norway); Kirsten Helle (TechnipFMC)	Moderator:Heather Feli ; Panelists: Kerry Lunney (Thales Australia); Stueti Gupta (BlueKei Solutions); Courtney Wright (V1 Decisions, LLC);	Habibi Husain Arifin (Dassault Systèmes); Yu Dong (PATAC); Ho Kit Robel Ong (Dassault Systèmes); Yaoying Gu (PATAC); Nasis Chimplee, Wu Daphne (Dassault Systèmes)	
																Session 1	Paper#65: 1.1.2 / (MBSE)2: Using MBSE to Architect and Implement the MBSE System		Paper#38: 1.3.2 / Employing Model Based Conceptual Design to Identify Test Range Resources Required to Validate the Delivered Solution	
10:45   11:	:25	09:45	10:25	04:45	05:25	01:45	02:25	14:15	14:55	16:45	17:25	17:45	18:25	18:45	19:25		James Martin, Ryan Noguchi, Marilee Wheaton (Aerospace Corporation)		David Flanigan (The Johns Hopkins University Applied Physics Laboratory Kevin Robinson (Shoal Engineering)	
																	Paper#113: 1.1.3 / Establishing a Reference Model for Requirements Elicitation Behavior	Presentation#55: 1.2.3 / How much Systems Engineering roles are needed in a project to create value?	Paper#2: 1.3.3 / Applying Systems Thinking to Frame and Explore a Test System for Product Verification; a Case Study in Large Defence Projects	
11:30   12:	:10	10:30	11:10	05:30	06:10	02:30	03:10	15:00	15:40	17:30	18:10	18:30	19:10	19:30	20:10	O		Leon Pretorius, Naudé Scribante (Department of Engineering and Technology Management, University of Pretoria)	Sven-Olaf Schulze, Christoph Nüse, Sven Hering (UNITY AG)	Rune Andre Haugen (Kongsberg Defence and Aerospace AS); Mo Mansouri (University of South-eastern Norway)
12:10 12:		11:10	11:30	06:10	06:30	03:10	03:30	15:40	16:00		18:30		19:30	20:10	20:30	Break				
South Afric		Uł	К	US Ea	st Coast	US We	est Coast	In	dia	1	nina gkong		ea and pan	Australia	a Sydney		Systems Design/Artificial Intelligence	Processes	Systems Architecture	
											jj						Barclay Brown, Courtney Wright	Daniel Spencer, Jen Narkevicius	Tony Williams, David Long	
																	Panel#6: 2.1.1 / Humans with Al: It's not like it is in the movies!	Paper#70: 2.2.1 / A sustainable software testing process for the Square Kilometre Array project	Paper#77: 2.3.1 / Bridging the Gap Between Architects, Engineers and Other Stakeholders in Complex and Multidisciplinary Systems – A Holistic	
12:30 13:	:10	11:30	12:10	06:30	07:10	03:30	04:10	16:00	16:40	18:30	19:10	19:30	20:10	20:30	21:10		Moderator:Barclay Brown (Raytheon Technologies); Panelists: Christopher Eck (Raytheon Technologies); Moha Chami (Chami Consulting);	Giorgio Brajnik (Interaction Design Solutions & University of Udine); Marco Bartolini, Nicholas Rees (SKA Organization)	Inclusive and Interactive Design Approach  Joy Au, Ranjit Ravindranath (Airbus Operations Ltd.)	
13:15 13:	:55	12:15	12:55	07:15	07:55	04:15	04:55	16:45	17:25	19:15	19:55	20:15	20:55	21:15	21:55	Session 2		Paper#97: 2.2.2 / A generic Systems Engineering process tailoring methodology, based on lessons from MeerKAT	Paper#35: 2.3.2 / Reverse architecting conventional footwear. Towards ar A3 Architecture Overview that supports development of alternative footweat architectures.	
10.13	.55	12.10	12.00	07.10	07.55	04.10	04.00	10.40	17.20	10.10	10.00	20.10	20.00	21.13	21.55			Thomas Kusel (SARAO)	Winnie Dankers, Gerrit Maarten Bonnema (University of Twente)	
																	Paper#130: 2.1.3 / Addressing Challenges of the Circular Economy using Model-Based Co-Creation and Systems Design	Paper#106: 2.2.3 / Towards a Common Systems Engineering Methodology to Cover a Complete System Development Process		
14:00 14:	:40	13:00	13:40	08:00	08:40	05:00	05:40	17:30	18:10	20:00	20:40	21:00	21:40	22:00	22:40		Jan Hendrik Roodt (Stone To Stars Ltd); Clemens Dempers (Polar Analytics Oy)	Aurelijus Morkevicius (Dassault Systemes & Kaunas University of Technology); Aiste Aleksandraviciene, Andrius Armonas, Gauthier Fanmuy (Dassault Systemes)		
14:40 15:	:00	13:40	14:00	08:40	09:00	05:40	06:00	18:10	18:30	20:40	21:00	21:40	22:00	22:40	23:00	Break				
15:00 16:	:00	14:00	15:00	09:00	10:00	06:00	07:00	18:30	19:30	21:00	22:00	22:00	23:00	23:00	00:00	Keynote	Keynote - Plenary#K1: K1 / System eng	ineering and society - Bernie Fanaroff (Former Dire	ctor Square Kilometer Array (SKA) South Africa)	
16:00 16:		15:00	15:20	10:00	10:20	07:00	07:20	19:30	19:50		22:20	23:00		00:00	00:20	Break				
South Afric		Uł	K	US Ea	st Coast	US We	est Coast	In	dia	1	nina gkong	1	ea and pan	Australia	a Sydney		President's Invited Content I	Systems Engineering I	Risk Management	
										_							Barclay Brown, Bill Chown	Rick Dove, Courtney Wright	Departure O. 1 / Managing Integration and Varification Dials of the CVA	
16:20 17:	:00	15:20	16:00	10:20	11:00	07:20	08:00	19:50	20:30	22:20	23:00	23:20	00:00	00:20	01:00		Invited Content#PIC4: 3.1.1 / Exploring Real AI: A Systems Engineering Approach  Moderator:Barclay Brown;	Presentation#60: 3.2.1 / An introduction to Systems Safety  Duncan Kemp (Ministry of Defence); Meaghan Oneil (INCOSE)	Paper#87: 3.3.1 / Managing Integration and Verification Risks of the SKA Radio Telescope  Richard Lord, Donald Gammon (SARAO)	
																Session 3	Panelists: Tom McDermott; Peter Beling;	Presentation#10: 3.2.2 / Schema and Metamodels and Ontologies, Oh My!	Paper#115: 3.3.2 / Risk and Opportunity Management for Project Selection in the Road Construction Industry	
17:05   17:	:45	16:05	16:45	11:05	11:45	08:05	08:45	20:35	21:15	23:05	23:45	00:05	00:45	01:05	01:45			David Long (Vitech Corporation)	Elisabet Syverud, Martha Stisen (University of South-Eastern Norway)	
																			Paper#11: 3.3.3 / Creating and Applying Total Cost Model: A Case Study a Maritime Company for Last Time Buy Estimation	
17:50 18:	:30	16:50	17:30	11:50	12:30	08:50	09:30	21:20	22:00	23:50	00:30	00:50	01:30	01:50	02:30			Keith Willett (United States Department of Defense)	Satyanarayana Kokkula, Gerrit Muller (University of South-Eastern	

Pre-recorded session

Tuesday at IS 2020	dav at IS 20	020
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Start	End	Start	End	Start	End	Start	End	Start	End	Start		Start	End	Start	End	Activity	Track 1	Track 2	Track 3
time South	time Africa	time	time	time	time	time	time	time	time	time	time China	time Kore	time a and	time	time		Systems Thinking	Diversity / Training	Modeling
and E		U	IK	US Ea	ast Coast	US W	est Coast	In	ndia	1	ngkong		pan	Australia	Sydney		, ,	, ,	, and the second
						-				-							Richard Beasley, Duncan Kemp Paper#116: 4.1.1 / Addressing Cognitive Bias in Systems	Suja Joseph-Malherbe, David Long Panel#7: 4.2.1 / The Role of Diversity, Equity, and Inclusion in	Erika Palmer, Jean Duprez Paper#149: 4.3.1 / General Modeling Language to Support Model-based
																	Engineering Teams	Sustaining Earth's Future	System Engineering Formalisms (Part 1)
10:00	10:40	09:00	09:40	04:00	04:40	01:00	01:40	13:30	14:10	16:00	16:40	17:00	17:40	18:00	18:40		Leonie Hallo (Adelaide Business School The University of Adelaide); Tom McDermott (Stevens Institute of Technology);	Moderator:Suja Joseph-Malherbe (Letter27); Panelists: Stueti Gupta (BlueKei Solutions); Alice Squires	Jinzhi Lu (Ecole Polytechnique Fédérale de Lausanne); Guoxin Wang, Junda Ma (Beijing Institute of Technology); Martin Törngren (KHT-Royal
																	Dennis Folds (Lowell Scientific Enterprises)	(Washington State University); Alan Harding (BAE Systems – Air);	Insititute of Technology); Dimitris Kiritsis (Ecole Polytechnique Fédérale de
																		Lamona Rajah (Cummins Africa Middle East);	Lausanne); Hang Zhang (Beijing ZK Fengchao Tech.Co.Ltd)
																Session 4	Paper#143: 4.1.2 / Towards Defining the Systems Habits of an 'Aware' Student Engineer		Paper#126: 4.3.2 / Models as enablers of agility in complex systems engineering
10:45	11.05	00:45	10.05	04:45	05:05	01.45	00.05	14.15	14.55	16.45	17:25	17:45	10.05	18:45	19:25		Chris Browne (ANU)		Jean-Luc Voirin (Thales Airborne Systems); Juan Navas (Thales Corporate
10:45	11:25	09:45	10.25	04:45	05:25	01:45	02:25	14:15	14:55	16:43	17.25	17:45	18.25	18.45	19:25		Chilis blowne (ANO)		Engineering); Stéphane Bonnet (Thales Avionics Technical Directorate);
																			Guillaume Journaux (Thales Airborne Systems)
																	Paper#157: 4.1.3 / Mechanisms for a Systems-Oriented Mindset - Towards Organizational Systems Thinking	Paper#76: 4.2.3 / The Greatest Young System Engineers of the Year Challenge	Paper#102: 4.3.3 / Engaging Mechanical Engineers in System Modeling
11:30	12:10	10.30	11.10	05:30	06:10	02:30	03:10	15:00	15:40	17.30	18:10	18:30	10.10	19:30	20:10		Erik Karlsson (ÅFRY Industrial and Digital Solutions); Diana	Ad Sparrius (Graduate School of Technology Management,	Katrine Gullhav (USN); Cecilia Haskins (NTU/USN)
11.50	12.10	10.50	11.10	05.50	00.10	02.50	00.10	13.00	13.40	17.50	10.10	10.50	19.10	19.50	20.10		Malvius (AcademIQ Consultant); Mats Lindberg (AnalytikerByrån)	University of Pretoria)	
																	(Analytikerbyran)		
12:10 South		11:10	11:30	06:10	06:30	03:10	03:30	15:40	16:00	_	18:30	_	19:30	20:10	20:30	Break	System of Systems Engineering	Systems Engineering II	Product Line Engineering
and E		U	K	US Ea	ast Coast	US W	est Coast	In	ndia		China ngkong		a and pan	Australia	Sydney			Systems Engineering II	
																	Macaulay Osaisai, David Long Paper#43: 5.1.1 / Putting the "Systemic" (back) into the	Tom Strandberg, Jen Narkevicius  Paper#28: 5.2.1 / Using your BRAIN to get beyond "It Depends"	Tony Williams, Courtney Wright  Paper#31: 5.3.1 / Do Product Lines Have Sweet Spots?
10.20	10:10	11.20	10:10	06:20	07:10	02:20	04:10	16:00	16:40	10.00	10:10	10.20	20.10	20:30	01:10		"Engineering of Systems"		
12.30	13.10	11.30	12.10	06.30	07.10	03.30	04.10	16.00	10.40	10.30	19.10	19.30	20.10	20.30	21.10		Jawahar Bhalla (JB Engineering Systems)	lan Gibson (Atkins)	Andrew Pickard, Keith Harper (Rolls-Royce Corporation)
								1									Presentation#20: 5.1.2 / Practical experience of successful	Paper#127: 5.2.2 / Modernization Challenges of Command and	Paper#49: 5.3.2 / Patterns for Success in the Adoption and Execution of
																	System of Systems delivery	Control Systems	Feature-based Product Line Engineering: A Report from Practitioners
13:15	13:55	12:15	12:55	07:15	07:55	04:15	04:55	16:45	17:25	19:15	19:55	20:15	20:55	21:15	21:55	Session 5	Duncan Kemp (Ministry of Defence)	Abdullah Aykut Mert, Ali Ozturk, Suna Durmus, Serdar Uzumcu (HAVELSAN Inc.)	Susan Gregg (Lockheed Martin); David Hartley (General Dynamic Mission Systems); Morgan McAfee (General Dynamics Mission Systems); Randy
																			Pitz (The Boeing Company); James Teaff (Raytheon); Paul Clements (BigLever Software, Inc.)
																	D #57.5.4.0./T	D #44 500 (1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	D #40 5 0 0 / D: :: I D   I   10
																	Paper#57: 5.1.3 / Towards an Automated UAF-based Trade Study Process for System of Systems Architecture	Paper#41: 5.2.3 / Implementing Systems Engineering in Early Stage Research and Development (ESR&D) Engineering Projects	Paper#48: 5.3.3 / Digital Product-Service Systems meet Product Line Systems Engineering – The Cart before the Horse?
44.00	4.4.40	10.00	10.10	00.00	00.40	05.00	05.40	47.00	40:40	00.00	00.40	04.00	04:40	00.00	00:40		Aurelijus Morkevicius (Dassault Systemes & Kaunas University	Frederic Autran (Airbus Defence & Space); Heidi Hahn (Los Alamos	Hugo Guillermo Chalé Gongora, Pierre-Olivier Robic (Thales); Danilo
14:00	14:40	13:00	13:40	08:00	08:40	05:00	05:40	17:30	18:10	20:00	20:40	21:00	21:40	22:00	22:40		of Technology); Jovita Bankauskaitė (Kaunas University of Technology)	National Laboratory); Ann Hodges (Sandia National Laboratories); Nick Lombardo (Pacific Northwest National Laboratory); Mitchell	Beuche (pure-systems GmbH)
																		Kerman (Idaho National Laboratory)	
14:40	15:00	13:40	14:00	08:40	09:00	05:40	06:00	18:10	18:30	20:40	21:00	21:40	22:00	22:40	23:00	Break			
15:00	16:00	14:00	15:00	09:00	10:00	06:00	07:00	18:30	19:30	21:00	22:00	22:00	23:00	23:00	00:00	Keynote	Keynote - Plenary#K2: K2 / Sy	stem Engineering of Low-Cost Earth Observing Sy	stems - Jakob van Zyl (Hydrosat, Inc.)
16:00	16:20	15:00	15:20	10:00	10:20	07:00	07:20	19:30	19:50	22:00	22:20	23:00	23:20	00:00	00:20	Break			
South and E		U	K	US Ea	ast Coast	US W	est Coast	In	ndia	1	China ngkong		a and pan	Australia	Sydney		President's Invited Content II	Manufacturing Systems And Operational Aspects	Technical Leadership II
													]				Bill Miller, Bill Chown	Greg Parnell, Courtney Wright	Cecilia Haskins, Nicole Hutchison
																	Invited Content#PIC3: 6.1.1 / Managing the Interstitials: Future of Systems Engineering Suited for Urban Infrastructure 4.0	Paper#30: 6.2.1 / What's the Problem? Issue Investigation and Engineering Change on Legacy Products	Paper#114: 6.3.1 / Complexity, Systems Thinking and an Integrated Systems Engineering and Project Management Model
16:20	17:00	15:20	16:00	10:20	11:00	07:20	08:00	19:50	20:30	22:20	23:00	23:20	00:00	00:20	01:00		Moderator:William Miller (Innovative Decisions, Inc.);	Andrew Pickard (Rolls-Royce Corporation); Charlotte Dunford (Rolls-	Raymond Jonkers, Kamran Shahroudi (Colorado State University)
																	Panelists: David Long (Vitech / Zuken); Tom McDermott; Ad Sparrius (South Africa Chapter); Serge Landry;	Royce plc)	
								1									opamus (ooutii Ainea onaptei), ooige Landiy ,	Paper#104: 6.2.2 / Pervasive Simulation in a PLM Platform – The key	
																		to effective management of ever-increasing product complexity	Practices
17:05	17:45	16:05	16:45	11:05	11:45	08:05	08:45	20:35	21:15	23:05	23:45	00:05	00:45	01:05	01:45			Pawel Chadzynski, Malcolm Panthaki, Matteo Nicolich, Rama Asuri (Aras Corp.)	Gregory Parnell, Eric Specking, Ed Pohl (University of Arkansas)
																Session 6			
																		Paper#59: 6.2.3 / Evaluation of Lean Business Process Improvement Methodology	Paper#80: 6.3.3 / Experiments in Leading through Influence: Reflections from a Group of Emerging Technical Leaders
																		<b>.</b> ,	
																		Gerrit Jan Muller (University of South-Eastern Norway); Niclas Maaren (GKN Aerospace Norway); Elisabet Syverud (University of	Chris Browne (The Australian National University); Ming Wah Tham (Thale Solutions Asia); Luca Stringhetti (SKA Organisation); Brad Spencer (Nova
																		South-Eastern Norway)	Professional Services); Louis-Emmanuel Romana (Airbus Operations); Al Meyer (Lockheed Martin Corporation); Clement Lee (Thales Solutions Asia
17:50	18:30	16:50	17:30	11:50	12:30	08:50	09:30	21:20	22:00	23:50	00:30	00:50	01:30	01:50	02:30				Maz Kusunoki (Nissan Motor); Myra Parsons Gross (JONY Software Solutions); Karl Geist (Precise Systems); Heather Feli (Ensign-Bickford
																			Aerospace & Defense); David Fadeley (Integrity Technology Consultants); Heidi Davidz (Aerojet Rocketdyne); John Cadigan (Prime Solutions Group)
																			Lauren Stolzar (Grubhub); Jeffrey Brown (United States Navy)
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Pre-recorded session
Live session

																V	Vednesday at IS 2020		
Start time	End time	Start time		Start time	End time	Start time	End time	Start time	End time	Start time	End time	Start time	End time	Start time	End time	Activity	Track 1	Track 2	Track 3
South and Eu		Ĺ	JK	US Ea	st Coast	US We	st Coast	In	dia	l .	nina gkong	Korea Japa		Aust Syd			System Security / System Safety	Environmental Systems	Ontology
and Le	лорс					1				1 1011	gkong	σαρί	an	J	ПСУ		Alice Squires, Duncan Kemp	Richard Beasley, Benjamin Mogridge	Erika Palmer, David Ward
																	Panel#8: 7.1.1 / How Cyber and Systems Security Engineering is Fighting for a Safe and Reliable Future	Paper#81: 7.2.1 / Addressing the Sustainable Development Goals with a System-of-Systems for Monitoring Arctic Coastal Regions	Paper#42: 7.3.1 / Achieving System-of-Systems Interoperability Levels Using Linked Data and Ontologies
10:00	10:40	09:00	09:40	04:00	04:40	01:00	01:40	13:30	14:10	16:00	16:40	17:00	17:40	18:00	18:40	18:40	Moderator:Alice Squires (Washington State University); Panelists: Peter Beling (University of Virginia); Keith Willett (Department of Defense); Peggy Brouse (George Mason	Evelyn Honoré-Livermore, Roger Birkeland, Cecilia Haskins (Norwegian University of Science and Technology)	Jakob Axelsson (Mälardalen University)
																	University);	Paper#118: 7.2.2 / Distributed Architecture for Monitoring Urban Air Quality: A Systems Engineering Approach	Paper#52: 7.3.2 / Towards an Ontology for Collaboration in System of Systems Context
10:45	11:25	09:45	10:25	04:45	05:25	01:45	02:25	14:15	14:55	16:45	17:25	17:45	18:25	18:45	19:25	Session 7		Philip Dewire, Tom McDermott, Adrian Unger, Fabio Guimaraes da Silva, Jennifer Nguyen, Dylan Shean, Stephen Grzelak, Laura Beth Beebe (Georgia Institute of Technology)	Robert Nilsson (Volvo Cars Corporation); Dov Dori (Technion - Israel Institute of Technology and Massachusetts Institute of Technology); Yatin Jayawant (John Deere); Leonard Petnga (University of Alabama in Huntsville (UAH)); Hanan Kohen (Technion - Israel Institute of Technology); Michael Yokell (Raytheon)
																	Paper#103: 7.1.3 / Integrating Process Standards for System Safety Analysis to Enhance Efficiency in Initial Airworthiness Certification of Military Aircraft: A Systems Engineering	Paper#96: 7.2.3 / A Transdisciplinary Design and Implementation of Sustainable Agricultural Principles in the Waikato Region of New Zealand	Paper#148: 7.3.3 / Linking Behaviour Data to Knowledge: Contextualization and De-Contextualization
11:30	12:10	10:30	11:10	05:30	06:10	02:30	03:10	15:00	15:40	17:30	18:10	18:30	19:10	19:30	20:10		Perspective  Morten Reinfjord Guldal (Norwegian Defence Materiel Agency/Air Systems Division); Jonas Andersson (University of South-Eastern Norway)	Hendrik van Zyl (University of Otago); Jan Hendrik Roodt (Stone To Stars Limited)	Anand Kumar, Swaminathan Natarajan, Subhrojyoti Roy Chaudhuri, Rahul Sinha (Tata Consultancy Services Research)
12:10	12:30	11:10	11:30	06:10	06:30	03:10	03:30	15:40	16:00	18:10	18:30	19:10	19:30	20:10	20:30	Break			
South and Eu		ι	JK			US We		In	dia	Ch	nina gkong	Korea		Aust Svo	ralia ney		Infrastructure	Technical Leadership III	Digital Engineering
	op o									1.01.	g <u>.</u>		<u> </u>				Paul Schreinemakers, Courtney Wright	Heather Feli, Tony Williams	Tom McDermott, David Long
																	Sustainable Community in Transition; a Case Study in a Dutch	Paper#61: 8.2.1 / Interface Management – the Neglected Orphan of Systems Engineering	Paper#69: 8.3.1 / Implementing a Model-Based, Digital Engineering Enterprise for a Defense Systems Integrator - an Ongoing Journey
12:30	13:10	11:30	12:10	06:30	07:10	03:30	04:10	16:00	16:40	18:30	19:10	19:30	20:10	20:30	21:10	town Best  Gerrit Muller, Laura Elvebakk (University of South-Eastern Norway)	Paul Davies (thesystemsengineer.uk)	Gan Wang (BAE Systems)	
															Session 8 5 21:55	Session 8	Paper#101: 8.1.2 / Model-Based System Engineering for Life	Paper#162: 8.2.2 / Systems Engineering as a Data-Driven and	Presentation#59: 8.3.2 / Digital Engineering in Practice
13:15	13:55	12:15	12:55	07:15	07:55	04:15	04:55	16:45	17:25	19:15	19:55	20:15	20:55	21:15		Cycle Development of Digital Twins of Real Estate  Kirstin Kusel (CloudEstate)	Evidence-Based Discipline  Avigdor Zonnenshain (Technion); Ron Kenett (KPA Ltd. and Samuel Neaman Institute, Technion); Robert Swarz (WPI)	Eran Gery (IBM Isreal); Graham Bleakley (IBM UK Ltd.)	
																	Paper#68: 8.1.3 / Systems Engineering Issues in Microgrids for Military Installations	Paper#21: 8.2.3 / Dream the future: Systems engineering in 2030	Presentation#5: 8.3.3 / A survey of emerging standards for supporting Digital Engineering Information Exchange
14:00	14:40	13:00	13:40	08:00	08:40	05:00	05:40	17:30	18:10	20:00	20:40	21:00	21:40	22:00	22:40		Douglas L. Van Bossuyt, Ronald E. Giachetti, Gary W. Parker (Naval Postgraduate School); Christopher J. Peterson (US Navy Expeditionary Warfare Center)	Jean-Luc Voirin (Thales Airborne Systems, Thales Technical Directorate); Olivier Constant (Thales Corporate Engineering); Eric Lépicier, Frédéric Maraux (Thales Airborne Systems)	Celia Tseng (Raytheon)
14:40	15:00	13:40	14:00	08:40	09:00	05:40	06:00	18:10	18:30	20:40	21:00	21:40	22:00	22:40	23:00	Break			
							07:00					22:00		23:00		Keynote	Keynote - Plenary#K3: K3 / Water Supply Sy	stems : A Broad Overview - Dr. Ronnie S. McKenzie Water Association)	e (Former Chairman, Water Loss Group, International
16:00	16:20	15:00	15:20	10:00	10:20	07:00	07:20	19:30	19:50	22:00	22:20	23:00	23:20	00:00	00:20	Break			
South	Africa	ι	JK	US Ea	st Coast	US We	st Coast	In	dia	Cł	nina	Korea	and	Aust	ralia		TechOps Invited Content	Integration	Needs and Requirements Definition II
																	Chris Hoffman, David Endler	Bill Chown	Stephanie Chiesi, Jen Narkevicius
																	Invited Content#techops1: 9.1.1 / Smart Cities: Who are the winners?	Panel#1: 9.2.1 / Issues, impediments, and Inspiration for Continuous Integration in Mixed Discipline Development Projects	Paper#142: 9.3.1 / Model Integrated Decomposition and Assisted Specification (MIDAS)
16:20	17:00	15:20	16:00	10:20	11:00	07:20	08:00	19:50	20:30	22:20	23:00	23:20	00:00	00:20	01:00		Dale Brown, Marcel van de Ven, Jargalsaikhan Dugar, Jennifer Russell	Moderator:Rick Dove (Paradigm Shift International); Panelists: Barry Papke (Catia I No Magic); Kerry Lunney (Thales Australia); Robin Yeman (Lockheed Martin Corporation); Tom	Yogananda Jeppu (Honeywell Technology Solutions); Jan Fiedor (Honeywell); Brendan Hall (Honeywell International)
																Session 9	Invited Content#techops2: 9.1.2 / Being Social with Social Systems	McDermott (Systems Engineering Research Center, Stevens Institute of Technology); Duncan Kemp (Ministry of Defence);	Paper#15: 9.3.2 / When to Constrain the Design? Application of Design Standards on a New Development Program
17:05	17:45	16:05	16:45	11:05	11:45	08:05	08:45	20:35	21:15	23:05	23:45	00:05	00:45	01:05	01:45		Erika Palmer, Randy Anway (Chairs of the Social Systems Working Group)		Tami Katz (Ball Aerospace)
17:50	18:30	16:50	17:30	11:50	12:30	08:50	09:30	21:20	22:00	23:50	00:30	00:50	01:30	01:50	02:30		Invited Content#techops4: 9.1.3 / Developing the INCOSE-PPI Systems Engineering Tools Database Using a Systems Engineering Approach  John F. Nallon, Robert Halligan	Paper#123: 9.2.3 / Case Study: Achieving System Integration through Interoperability in a large System of Systems (SoS)  Oliver Hoehne (WSP USA)	Paper#129: 9.3.3 / Top-down functional composition  Johan Bredin (SAAB Aeronautics)

Disclaimer: Technical program as of July 19, 2020 - Subject to change.