

# INCOSE EMEA Workshop 2017

Day	Time	Track #1 Room ??	Track #2 Room ??	Track #3 Room ??	Track #4 Room ??	Track #5 Room ??	Track #6 Room ??	Track #7 Room ??	
Tuesday 19. Sep 2017	Session #1 10:00 - 12:00	Working Group	<b>MBSE</b>	<b>PLM4MBSE</b>	<b>Tool integration</b>	<b>Automotive &amp; System of Systems</b>	<b>Infrastructure</b>	<b>System thinking / science</b>	<b>Project Management – Systems Engineering (PM-SE)</b>
		Session Content	Share the experiences of INCOSE UK and the development and use of the INCOSE UK System Architecture. This will include discusses the rationale behind the work and the resulting Ontology and Framework. We shall then run a short workshop where we will use the INCOSE UK Ontology and each group will develop their own bespoke Ontology that can then be used as a basis for defining a high-level common Ontology across various Chapters.	What Data Exchange Format Standards are needed to support collaboration in MBSE using SysML and ReqIF.	How to support the SE processes by a consistent Application and Data Infrastructure (ADIS) - (1) the secrets behind ADIS	Exposing Automotive examples & expectations + exchanging about Automotive SoS pains typologies.	Introduction of ISO/IEC 81346 "Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations"	Unifying concepts and paradigms that have evolved from the first 8 volumes of the Systems Series. This presentation will include, amongst others: -Systems Coupling Diagram -System of System Concepts -Thinking - Acting Paradigm -ISO/IEC/IEEE 15288 Concepts -Essence of Software and Systems Engineering -Purpose of Systems Architecting -Systems Thinking Procedure	What are the objectives of the INCOSE PM-SE Integration WG created in 2016 ? What are the different initiatives/tasks which have been launched in that WG ? How can I contribute to one of these or propose a new one ?
		Chair	Tim Weikiens, GER (oose)	Uwe Kaufmann, GER (ModelAlchemy Consulting)	Siegmond Priglinger, AT	Oliver Hoehne, USA (WSP USA & INCOSE USA)	Henrik Balslev, DK (Systems Engineering A/S)	Gary Smith, UK (Airbus Defence and Space)	Jean-Claude Roussel, FR (Airbus)
		Co-Chair	Jon Holt, UK (Scarecrow Consultants)	Michael Pfenning, GER (XPLM)	Ralf Schuler, GER (Hochschule Esslingen)	Yann Chazal, FR (Renault & AFIS)	Ingo Treue, GER (R+S)	Harold "Bud" Lawson	Rob Vingerhoeds, FR (ISAE), Gary Smith, UK (Airbus)
Tuesday 19. Sep 2017	Session #2 14:00 - 16:00	Working Group	<b>MBSE</b>	<b>PLM4MBSE</b>	<b>Tool integration</b>	<b>Automotive &amp; System of Systems</b>	<b>Infrastructure</b>	<b>System thinking / science</b>	<b>Human-Systems Integration (HSI)</b>
		Session Content	Group brainstorming session (using the TeamStorming technique) where we shall understand the various stakeholders, what the expectations of each are and, from this, provide the basis for a forward-looking strategy.	see session #1	How to support the SE processes by a consistent Application and Data Infrastructure (ADIS) - (2) the integration within tools	Presenting SoS good practices & ongoing methodology development in line with Automotive expectations, then making gap analysis and preparing next steps.	Presentation of effective interface management using standardized elements definition .	The systems thinker in action -Storytelling to introduce Systems Thinking -How to recognize a Systems Thinker? -Proposal for an integrative, living framework (genesis of the Systems Tree (ST))? Examples/ practice /How to use it. -Perspective on future research to use the ST in the field of Systems Science. Perspectives for Semantics, Ontology, Epistemology, Axiology	Talks and discussions (mainly providing experience and cases, as well as current INCOSE HSI WG development).
		Chair	Tim Weikiens, GER (oose)	Uwe Kaufmann, GER (ModelAlchemy Consulting)	Siegmond Priglinger, AT	Oliver Hoehne, USA (WSP USA & INCOSE USA)	Henrik Balslev, DK (Systems Engineering A/S)	Brigitte Daniel Allegro; FR	Guy André Boy, USA (FIT)
		Co-Chair	Jon Holt, UK (Scarecrow Consultants)	Michael Pfenning, GER (XPLM)	Ralf Schuler, GER (Hochschule Esslingen)	Yann Chazal, FR (Renault & AFIS)	Ingo Treue, GER (R+S)		Michael Boardman, UK (MOD)
Wednesday 20. Sep 2017	Session #3 10:00 - 12:00	Working Group	<b>Systems Architecture</b>	<b>PLM4MBSE</b>	<b>Tool integration</b>	<b>Configuration Management - CM NextGen</b>	<b>Oil&amp;Gas (Energy)</b>	<b>Integration Verification and Validation</b>	<b>Human-Systems Integration (HSI)</b>
		Session Content	Why and how to architect systems in a Digital World - Why System Architecture.	Landscape of MBSE tools and methodologies: survey of MBSE use cases in product development processes	How to support the SE processes by a consistent Application and Data Infrastructure (ADIS) - (3) the integration between tools	Updated CM section in a new version of the INCOSE SE handbook.	Round table. Presentations from global working group. Possible presentations from ongoing EMEA initiatives.	Evolve and disseminate the state of the art about IVVT in the SE applicative fields, connect the practitioners, establish and maintain relationships with European and world-wide VVT organizations.	Working discussions and brainstorming
		Chair	Jean-Luc Garnier, FR (Thales SA)	Uwe Kaufmann, GER (ModelAlchemy Consulting)	Siegmond Priglinger, AT	Dick Terleth, NL (ADSE)	Folkert Visser, NL (Shell)	Leardi Carlo, IT (AISE VVT Working Group)	Guy André Boy, USA (FIT)
		Co-Chair	Jesko Lamm CH/GER (Bernafon AG)	Michael Pfenning, GER (XPLM)	Ralf Schuler, GER (Hochschule Esslingen)		tbc (GE)	Vincent Chapurlat & Patrick Estève, FR (IVVT Project Group)	Michael Boardman, UK (MOD)
Wednesday 20. Sep 2017	Session #4 14:00 - 16:00	Working Group	<b>Systems Architecture</b>	<b>PLM4MBSE</b>	<b>Tool integration</b>	<b>Configuration Management - CM NextGen</b>	<b>Oil&amp;Gas (Energy)</b>	<b>Very Small Entities (VSE)</b>	<b>Human-Systems Integration (HSI)</b>
		Session Content	Why and how to architect systems in a Digital World - How to architect.	see session #3	How to support the SE processes by a consistent Application and Data Infrastructure (ADIS) - (4) the PLM4MBSE requirements for tool integration.	Relationship with CM standards like ISO 10007 and SAE/EIA 649.	Systems approach to national electrical energy capacity planning.	What are the key success factors when setting up systems engineering processes in VSEs?	Wrap-up (decisions and action items)
		Chair	Jean-Luc Garnier, FR (Thales SA)	Uwe Kaufmann, GER (ModelAlchemy Consulting)	Siegmond Priglinger, AT	Dick Terleth, NL (ADSE)	Jörg Lalk	Claudio Zuccaro, GER (HAW Muenchen)	Guy André Boy, USA (FIT)
		Co-Chair	Jesko Lamm CH/GER (Bernafon AG)	Michael Pfenning, GER (XPLM)	Ralf Schuler, GER (Hochschule Esslingen)			Stéphane Galinier, FR (THINKLINK)	Michael Boardman, UK (MOD)