

ORARIO		Giorno 1 - 28 Novembre 2018 Sala Convegni
08:30	09:00	REGISTRAZIONE
09:00	09:20	APERTURA CONFERENZA
09:20	10:00	<b>KEYNOTE SPEECH: Systems Engineering for Symbolic and Connectionist Models of Computation</b> <i>Grady Booch (IBM, videoconferenza)</i> <b>Session Chair: Enrico Mancin</b>
10:00	10:30	<b>MINI SCUOLA SU SYSTEMS ENGINEERING</b> <b>Session Chair: Alfredo Garro</b> · Introduzione al Systems Engineering <i>Lucio Tirone (Fincantieri)</i>
10:30	11:00	COFFEE BREAK
11:00	11:30	· Panoramica dell'INCOSE Handbook v4 (1): Systems Lifecycle Management <i>Davide Fierro (INAF - Istituto Nazionale di Astrofisica)</i>
11:30	12:00	· Panoramica dell'INCOSE Handbook v4 (2): I Processi Tecnici <i>Vittorio Torroni (Serco Italia)</i>
12:00	12:30	· La Certificazione INCOSE SEP <i>David Ward (Flex Design)</i>
12:30	13:00	<b>PAPER SESSION 1: Industrial Methods and Application (I)</b> <b>Session Chair: Lucio Tirone</b> · <b>Industrial Paper:</b> How to build an IoT&Data Platform for transforming the insurance industry with connected cars <i>Enrico Mancin (IBM Italia)</i>
13:00	14:00	LUNCH
14:00	14:30	· <b>Industrial Paper:</b> Verification & Validation Plan - A Case Study of a Turbine Bucket Design Modification <i>Marco Mariottini (BHGE)</i>
14:30	15:00	<b>PAPER SESSION 2: Systems of Systems Engineering</b> <b>Session Chair: Paolo Gaudenzi</b> · <b>Original Full Paper:</b> Modeling Information Systems as Systems of Systems <i>Paolo Salvaneschi (Università di Bergamo)</i>
15:00	15:30	· <b>Already Published Paper:</b> Using BPMN and HLA for SoS engineering: lessons learned and future directions <i>Alberto Falcone, Alfredo Garro (Università della Calabria), Andrea D'Ambrogio (Università di Roma Tor Vergata) and Andrea Giglio (Università Guglielmo Marconi)</i>
15:30	16:00	· <b>Already Published Paper:</b> A Tailoring of the Unified Architecture Framework's Meta-Model for the Modeling of Systems-of-Systems <i>Lorenzo Fornaro (Leonardo), Lucio Tirone (Fincantieri), Emanuele Guidolotti (Aster)</i>
16:00	16:30	COFFEE BREAK
16:30	17:00	<b>PAPER SESSION 3: Model Based Systems Engineering</b> <b>Session Chair: Andrea D'Ambrogio</b> · <b>Original Full Paper:</b> Synopsis of the MBSE, Lean and Smart Manufacturing in the product and process design for an assessment of the strategy "Industry 4.0" <i>Eugenio Brusa (Politecnico di Torino)</i>
17:00	17:30	· <b>Already Published Paper:</b> Car Brake industrial design using MBSE and Trade-Off Analysis by executing SysML Model <i>Carmelo Tommasi (NoMagic Italy)</i>
17:30	18:00	· <b>Already Published Paper:</b> Application of the Model Based Systems Engineering Approach for Modern Warship Design <i>Massimiliano Manfredi, Lucio Tirone (Fincantieri)</i>
18:30		CHIUSURA LAVORI

ORARIO		Giorno 2 - 29 Novembre 2018 Sala Convegni	
08:30	09:00	REGISTRAZIONE	
09:00	09:10	APERTURA CONFERENZA	
09:10	09:50	<b>KEYNOTE SPEECH: Esperienze di Systems Engineering nella pubblica amministrazione e in grandi aziende pubbliche</b> <i>Alessandro Musumeci (Italian Federation of Computer Managers)</i> <b>Session Chair: Enrico Mancin</b>	
09:50	10:20	<b>PAPER SESSION 4: Systems Engineering in Aerospace and Defense</b> <b>Session Chair: Davide Fierro</b> <ul style="list-style-type: none"> <li>· <b>Already Published Paper:</b> A through-life, integrated and concurrent engineering methodology for the responsive development of large and complex space systems  <i>Luciano Pollice, Alberto Boschetto, Luana Bottini, Paolo Gaudenzi, Gianluca Palermo (Università di Roma La Sapienza), Michael Gschweidl (RUAG Schweiz AG), Marco Lisi (ESA - ESTEC)</i></li> </ul>	
10:20	10:50	COFFEE BREAK	
10:50	11:20	<ul style="list-style-type: none"> <li>· <b>Original Full Paper:</b> Reference Missile Functional Architecture, addressing design in a multinational Defense Company  <i>Giulio Telleschi, Andrea Caroni (MBDA Italy), Ed Willingham (MBDA UK) and Pierre-Henri Pradel (MBDA France)</i></li> </ul>	
11:20	11:50	<ul style="list-style-type: none"> <li>· <b>Original Full Paper:</b> Virtual engineering of a naval weapon system based on the heterogeneous simulation implemented through the MBSE  <i>Eugenio Brusa, Davide Ferretto and Jean Michel Cervasel (Politecnico di Torino)</i></li> </ul>	
11:50	12:20	<ul style="list-style-type: none"> <li>· <b>Original Full Paper:</b> The exploitation of the COSMO-SkyMed Interoperability, Expandability, Multimission-Multisensor capabilities for the SIASGE System of Systems  <i>Luca Fasano, Giuseppe Francesco De Luca (Agenzia Spaziale Italiana)</i></li> </ul>	
12:20	12:50	<ul style="list-style-type: none"> <li>· <b>Already Published Paper:</b> Promoting a-priori interoperability of HLA-based Simulations in the Space domain: the SISO Space Reference FOM initiative  <i>Bjorn Moller (Pitch Technologies), Alfredo Garro, Alberto Falcone (Università della Calabria), Edwin Z. Crues and Daniel E. Dexter (NASA Johnson Space Center)</i></li> </ul>	
12:50	13:50	LUNCH	
13:50	14:30	<b>KEYNOTE SPEECH: Answering the call for Technical Leaders</b> <i>Michael Pennotti (School of Systems and Enterprises at Stevens Institute of Technology)</i> <b>Session Chair: Enrico Mancin</b>	
14:30	15:00	<b>PAPER SESSION 5: Project Management and Systems Engineering Integration</b> <b>Session Chair: Alfredo Garro</b> <ul style="list-style-type: none"> <li>· <b>Original Full Paper:</b> On the Importance of Simulation in Enabling Continuous Delivery and Evaluating Deployment Pipeline Performance  <i>Andrea D'Ambrogio (Università di Roma Tor Vergata), Alberto Falcone, Alfredo Garro (Università della Calabria) and Andrea Giglio (Università Guglielmo Marconi)</i></li> </ul>	
15:00	15:30	<ul style="list-style-type: none"> <li>· <b>Original Full Paper:</b> Assessment and Tailoring of Technical Processes: A practitioners experience  <i>Dr. David Ward, Harsha Vardhan Pichika (Flex Design), Dr. Monica Rossi, Brendan Patrick Sullivan (Politecnico di Milano)</i></li> </ul>	
15:30	16:00	COFFEE BREAK	
16:00	16:30	<ul style="list-style-type: none"> <li>· <b>Original Full Paper:</b> On the Performance Prediction Capabilities of the eBPMN-based Model-driven Method for Business Process Simulation  <i>Paolo Bocciairelli, Andrea D'Ambrogio, Emiliano Paglia (Università di Roma Tor Vergata) and Andrea Giglio (Università Guglielmo Marconi)</i></li> </ul>	
16:30	17:00	<ul style="list-style-type: none"> <li>· <b>Already Published Paper:</b> BIM and Agent-Based Model Integration for Construction Management Optimization  <i>Francesco Livio Rossini, Gabriele Novembri, Antonio Fioravanti (Università di Roma La Sapienza)</i></li> </ul>	
17:00	17:20	<b>AISE WORKSHOP (chair Davide Fierro)</b> <ul style="list-style-type: none"> <li>· Gruppo di Lavoro - Verifica, Validazione e Test  <i>Coordinatore: Carlo Leardi (Tetra Pak Packaging Solutions)</i></li> </ul>	
17:20	17:40	<ul style="list-style-type: none"> <li>· Gruppo di Lavoro - Integrazione PM-SE  <i>Coordinatore: Davide Fierro (INAF - Istituto Nazionale di Astrofisica)</i></li> </ul>	
17:40	18:00	<ul style="list-style-type: none"> <li>· Gruppo di Lavoro - Operations &amp; Maintenance  <i>Coordinatore: Vittorio Torroni (Serco Italia)</i></li> </ul>	
18:00	18:20	CERIMONIA DI PRESENTAZIONE DEGLI AWARDS AISE	
18:30		CHIUSURA LAVORI	
20:00		<b>CENA SOCIALE</b> presso il Ristorante panoramico "Lo Zodiaco"	

ORARIO		Giorno 3 - 30 Novembre 2018 Sala Convegni
08:30	09:00	REGISTRAZIONE
09:00	09:10	APERTURA CONFERENZA
09:10	09:50	<b>KEYNOTE SPEECH: Complex systems and challenging mechanical structures for high energy physic experiments. Some examples from the Neutrino Platform.</b> <i>Diego Perini (CERN, Ginevra)</i> <b>Session Chair: Enrico Mancin</b>
09:50	10:20	<b>PAPER SESSION 6: Industrial Methods and Application (II)</b> <b>Session Chair: Lucio Tirone</b>  · <b>Industrial Paper:</b> Design for affordability: preventive maintenance and spare parts management optimization in natural gas pipelines operating under variable conditions across the year <i>Elisa Carlucci (BHGE)</i>
10:20	10:50	COFFEE BREAK
10:50	11:20	· <b>Industrial Paper:</b> A concrete Return of Investment due to the Requirements Management Process Implementation <i>Claudia Agostinelli, Francesco Inghima, Rodolfo Mazzei, Sergio Di Ponzio (Altran) and Salvatore Zazzaro (Hitachi Rail Italy)</i>
11:20	11:50	· <b>Industrial Paper:</b> Manage Payload Data Ground Segment Validation and Operation using an hybrid MBSE approach <i>Ivan Famoso and Stefano Tatoni (Rhea Group)</i>
11:50	12:20	· <b>Industrial Paper:</b> Capturing Architectural Artefacts in a Configuration Management tool <i>Vittorio Torroni (Serco Italia)</i>
12:20	12:50	· <b>Industrial Paper:</b> Risks Management & Opportunity - NovalT5 Product Revitalization <i>Emiliano Caggiano (BHGE)</i>
12:50	13:00	<b>TAVOLA ROTONDA DI CHIUSURA LAVORI</b>
13:00	14:00	LUNCH
14:00	16:00	<b>VISITA GUIDATA</b> FabLab Saperi&Co, Università La Sapienza
16:00	18:00	<b>VISITA GUIDATA</b> Sala Prove Nazionale ENAV, ACC Ciampino