



« Towards smarter and more autonomous systems »

Program Day 1 – December 12, 2017

09:00 09:10	Welcoming by the General Chair Daniel KROB , CESAMES & Ecole Polytechnique		
09:10 09:30	Welcoming by the Program Committee co-chairs Alexandre CHAPOUTOT , ENSTA ParisTech and Alain ROUSSEL , AFIS Welcoming by the Organizing Committee Chair François STEPHAN , IRT SystemX		
09:30 10:00	Véronique BERTHAULT – Autonomous Transport Program Director, RATP		
10:00 10:30	Omar HAMMAMI – Professor and Complex Systems and System Engineering Expert, ENSTA ParisTech		
10:30 11:00	Richard SCHOMBERG – Group VP, Smart Energy Standards, EDF		
11:00 11:30	Coffee break and Partners Booth visits		
	Parallel Session 1	Parallel Session 2	Partners Workshops
11:30 12:00	Akira Yamaguchi <i>“Risk management strategy for uncertain systems: Decommissioning of Fukushima Daiichi nuclear power station”</i>	Fabrice Grelier <i>“MBSE Driven IoT for Smarter Cities”</i>	ARAS Corporation <i>“Integrating MBSE and PLM by Aras”</i>
12:00 12:30	G�rard Le Lann <i>“Safe Automated Driving on Highways – Beyond Today’s Autonomous and Connected Vehicles”</i>	Xianle Wang, Samuel Boutin, Laurent Mouchette and Marc Rousset <i>“Model Driven Safety Case for Nuclear Equipments”</i>	Dassault Syst�mes <i>“Model based Engineering in the age of EXPERIENCE”</i>
12:30 14:00	Break Lunch Buffet and Partners Booth visits		
14:00 14:45	Success Stories Presentations Dassault Syst�mes “Systems Engineering as a competitive strategy”, Eliane Fourgeau No Magic “MBSE adoption challenges and best practices”, Olivier Casse Siemens – “System Engineering to foster innovation for the smart age”, Eric Andrianarison		
14:45 15:15	Juste Raimbault <i>“An Applied Knowledge Framework to Study Complex Systems”</i>	Alan Guegan, Beno�t Rafine <i>“A systems engineering approach to ship design”</i>	Thales <i>“Modeling system modes, states, configurations with Arcadia and Capella: method and tool perspectives”</i>
15:15 15:45	Coffee break and Partners Booth visits		
15:45 16:15	Hidekazu NISHIMURA – Ph.D. Professor, Keio University		
16:15 16:45	R�mi BASTIEN – VP Automotive Prospective, Renault		
16:45 17:05	Minutes talk about Poster Session presentations (6x3min)		
17:05 18:00	Poster Session & Cocktail		

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Program Day 2 – December 13, 2017

09:00 09:30	Anita TEO – Technical Lead, System Design for Remote and Autonomous Operation, Rolls-Royce Marine		
09:30 10:00	Eric PAPIN – Director of Innovation and Technical Development, Naval Group		
10:00 11:00	Open Discussion “ Autonomous Systems and Artificial Intelligence: Myth or reality? ” with Hidekazu NISHIMURA – Keio University, Francois STEPHAN – IRT SystemX and Hugues CHERITEL – SNCF		
11:00 11:30	Coffee break and Partners Booth visits		
	Parallel Session 1	Parallel Session 2	Partners Workshops
11:30 12:00	Eric Bonjour <i>“Definition and verification of functional safety concepts for the definition of safe logical architectures”</i>	Brice Govin <i>“Managing an Industrial Software Rearchitecting Project With Source Code Labelling”</i>	MEGA International <i>Soon available</i>
12:00 12:30	Thierry Coudert <i>“Offer elaboration and selection under uncertainty using a multi-criteria approach in a bidding process”</i>	Hui Shen and Fang Hou <i>“Industrial Big Data Practice for Power Generation Plant Energy Efficiency Optimization”</i>	<i>Soon available</i>
12:30 14:00	Break Lunch Buffet and Partners Booth visits		
14:00 14:30	Cesar Cruz-Hernandez <i>“Formation in networks of mobile robots”</i>	Christian Blanchet <i>“Systems Engineering approach for EPR NM Nuclear Power Plant Basic Design project”</i>	<i>Soon available</i>
14:30 15:00	Matthew Potts <i>“Hidden Structures: Using Graph Theory to Explore Complex System of Systems Architectures”</i>	Amine Belemlih, Claude Rochet <i>“Direct democracy as the keystone of smart city governance as a complex system”</i>	<i>Soon available</i>
15:00 15:30	Coffee break and Partners Booth visits		
15:30 16:00	Paul EREMENKO – Chief Technology Officer, Airbus		
16:00 16:30	Carine DONZEL-DEFIGIER – Deputy Head, Aeronautic Industry Department and General Secretary of the Civil Drones Council, DGAC		
16:30 17:00	Marko ERMAN – Chief Technology Officer, Thales Group		
17:00 17:10	Conclusion by Daniel KROB , CESAMES & Ecole Polytechnique		
17:10 18:00	Farewell Cocktail		