

« 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		
11:30 12:00	Parallel Session 1 Salon Atlantide (first floor)	Parallel Session 2 Salon Oceanos (first floor)	Partners Workshops Plenary room (ground floor)
	Akira Yamaguchi , The University of Tokyo <i>“Risk management strategy for uncertain systems: Decommissioning of Fukushima Daiichi nuclear power station”</i>	Fabrice Grelier , PTC <i>“MBSE Driven IoT for Smarter Cities”</i>	Stéphane Guignard , ARAS Corporation <i>“Integrating MBSE and PLM by Aras”</i>
12:00 12:30	Gérard Le Lann , INRIA <i>“Safe Automated Driving on Highways – Beyond Today’s Autonomous and Connected Vehicles”</i>	Samuel Boutin , Knowledge Inside & Marc Rousset , ESI France <i>“Model Driven Safety Case for Nuclear Equipments”</i>	Pierre Maurel & Guillaume Belloncle , Dassault Systèmes <i>“Model based Engineering in the age of EXPERIENCE”</i>
12:30 14:00	Lunch break and partners booth visits		
14:00 14:45	Success Stories Presentations Dassault Systèmes “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 , Ecole Polytechnique <i>“An Applied Knowledge Framework to Study Complex Systems”</i>	Alan Guegan & Benoît Rafine , Naval Group <i>“A systems engineering approach to ship design”</i>	Jean-Luc Voirin , 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	Rémi BASTIEN – VP Automotive Prospective, Renault		
16:45 17:05	Minutes talk about Poster Session presentations (6x3min)		
17:05 18:00	Poster Session & Cocktail		

« Towards smarter and more autonomous systems »

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? ” Led by Yann CUDEY – CESAMES with Hidekazu NISHIMURA – Keio University, François STEPHAN – IRT SystemX and Hugues CHERITEL – SNCF		
11:00 11:30	Coffee break and partners booth visits		
11:30 12:00	Parallel Session 1 Salon Atlantide (first floor)	Parallel Session 2 Salon Oceanos (first floor)	Partners Workshops Plenary room (ground floor)
	Eric Bonjour, Université de Lorraine “Definition and verification of functional safety concepts for the definition of safe logical architectures”	Brice Govin, INRIA “Managing an Industrial Software Rearchitecting Project With Source Code Labelling”	Antoine Lonjon, MEGA International “System of System engineering and continuous architecture”
12:00 12:30	Parallel Session 1 - Salon Atlantide (first floor)		Parallel Session 2 - Salon Oceanos (first floor)
	Thierry Coudert, Ecole Nationale d’Ingénieurs de Tarbes “Offer elaboration and selection under uncertainty using a multi-criteria approach in a bidding process”		Hui Shen & Fang Hou, Accenture “Industrial Big Data Practice for Power Generation Plant Energy Efficiency Optimization”
12:30 14:00	Lunch break and partners booth visits		
14:00 14:30	Cesar Cruz-Hernandez, CICESE “Formation in networks of mobile robots”		Christian Blanchet, Areva NP “Systems Engineering approach for EPR NM Nuclear Power Plant Basic Design project”
14:30 15:00	Matthew Potts, University of Bristol “Hidden Structures: Using Graph Theory to Explore Complex System of Systems Architectures”		Amine Belemlih, Blue Storm & Claude Rochet, Université de Versailles Saint Quentin “Direct democracy as the keystone of smart city governance as a complex system”
15:00 15:30	Coffee break and partners booth visits		
15:30 16:00	Pascal TRAVERSE – General Manager for the Autonomy Thrust, 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		