

« Products and Services Development in a Digital World »

Program Day 1 – December 18, 2018

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| 08:30 | | 09:00 | | Welcoming coffee | | | |
| 09:00 | | 09:10 | | Welcoming by the co-organizers, CESAMES & AFIS | | | |
| 09:10 | | 09:55 | | Yves Caseau , Group Chief Information Officer, Michelin | | | |
| 09:55 | | 10:40 | | Vincent Danos , Research Director, CNRS | | | |
| 10:40 | | 11:10 | | Coffee break and partners booth visits | | | |
| 11:10 | | 11:55 | | Manfred Broy , Professor, Technical University Munchen | | | |
| 11:55 | | 12:15 | | Startups Pitches : Be-Bound / Cil4Sys / DessIA Technologies / GeeGlee | | | |
| 12:15 | | 13:40 | | Lunch break and partners booth visits | | | |
| | | | | “Knowledge Engineering Management” <i>Chair: Laurent Geneste, ENI Tarbes Salon Gulbenkian</i> | | “Model-Based Systems Engineering” <i>Chair: David Gouyon, Université Lorraine Salon Adenauer</i> | |
| 13:40 | | 14:00 | | Malik Khalfallah , Airbus Defense & Space “Generation and Visualization of Release Notes for Systems Engineering Software” | | Joseph Razavi , The University of Manchester “Formal Methods in Systems Integration: Deployment of Formal Techniques in INSPEX” | |
| 14:00 | | 14:20 | | Diana Sofia Melendez Gonzalez , Axsens BTE “Formalization and reuse of collaboration experiences in industrial processes” | | Dominique Ernadote , Airbus Defence & Space “Ontology-Based Optimization for Systems Engineering” | |
| 14:20 | | 14:40 | | Bryan Moser , Massachusetts Institute of Technology “Analyzing Awareness, Decision, and Outcome Sequences of Project Design Groups: A Platform for Instrumentation of Workshop-based Experiments” | | Marco Ferrogallini , Bombardier Transportation & Thomas Linke , Knorr Bremse “How to boost the extended enterprise approach in engineering using MBSE – a case study from the railway business” | |
| 14:40 | | 15:00 | | Jon Wade , Stevens Institute of Technology “Systemic Design Engineering - Curriculum and Instructional Results” | | Jean-Marie Gauthier , Samares Engineering “An MBSE Framework to support Agile Functional Definition of an Avionics System” | |
| 15:00 | | 15:20 | | Ira Winder & Lorena Pelegrin , Massachusetts Institute of Technology “Field guide to interpreting engineering team design behavior with sensor data” | | Quentin Wu , Zodiac Aero Electric “A review of Know-How reuse with patterns in Model-Based Systems Engineering” | |
| 15:20 | | 15:50 | | Coffee break and partners booth visits | | | |
| | | | | Track “Methods and Tools” <i>Salon Gulbenkian</i> | | Track “Design, Manufacture and Operation” <i>Salon Adenauer</i> | |
| 15:50 | | 16:00 | | Introduction - Nesrine Ben Beldi , CESAMES | | Introduction - Omar Hammami , ENSTA ParisTech | |
| 16:00 | | 16:20 | | Martin Neff , Chief Architect Systems Engineering, Audi | | Yann Bouju , Project Manager, Virtual and Augmented Reality, Naval Group | |
| 16:20 | | 16:40 | | Marie Capron , Engagement Manager & System Engineering, Sogeti High Tech | | Jean-Marie Saint Paul , CEO and Managing Director, Siemens PLM Software | |
| 16:40 | | 17:00 | | Eliane Fourgeau , Systems Director, Dassault Systèmes | | Olivier Flous , VP Digital Transformation, Thales Digital factory | |
| 17:00 | | 17:20 | | Q&A with all the speakers | | Q&A with all the speakers | |
| 17:20 | | 17:50 | | Come Berbain , Chief Technical Officer of the French State, DINSIC | | | |
| 17:50 | | 19:00 | | Posters Session & Cocktail | | | |

« Products and Services Development in a Digital World »

Program Day 2 – December 19, 2018

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| 08:30 | | 09:00 | | Welcoming coffee | | | |
| 09:00 | | 09:45 | | Marc Fontaine , Head of Digital Transformation, Airbus | | | |
| 09:45 | | 10h30 | | Christophe Moreau , Train System, Train Electrical & Validation Director, Alstom | | | |
| 10:30 | | 11:00 | | Coffee break and partners booth visits | | | |
| 11:00 | | 11:45 | | Hervé Gilbert , Chief Technical Officer & Quality, ArianeGroup | | | |
| | | | | “Industry 4.0” <i>Chair: Luca Palladino, Safran Salon Gulbenkian</i> | | “Systems Architecture” <i>Chair: Joel Adounké, PSA Salon Adenauer</i> | |
| | | | | “Industrial feedback” <i>Chair: Frédéric Paci, ZodiacAerospace Salon David Weill</i> | | | |
| 11:45 | 12:05 | Christoph Binder , Salzburg University of Applied Sciences “Towards a Standards-Based Domain Specific Language for Industry 4.0 Architectures” | | Alan Guegan, Sirehna & Aymeric Bonnaud , Naval Group “Assessing the maturity of interface design” | | Stephanie Bouffet-Bellaud , ArianeGroup “On-Time-Launch capability for Ariane 6 Launch System” | |
| 12:05 | 12:25 | Emile van Gerwen , ESI “Tracking Dynamics in Concurrent Digital Twins” | | Matthew Potts , University of Bristol “Through a Glass, Darkly? Taking a Network Perspective on System-of-Systems Architectures” | | Aurelijus Morkevicius , No Magic “Applying Unified Architecture Framework (UAF) for Systems of Systems Architectures” | |
| 12:25 | 12:45 | Lara Qasim , Thales “Model-based system reconfiguration: a descriptive study of current industrial challenges” | | Katja Schuitemaker , University of Twente “Safety Architecture Overview Framework for the prediction, explanation and control of risks of ERTMS” | | Richard Doornbos , ESI “A Domain Model-Centric Approach for the Development of Large-Scale Office Lighting Systems” | |
| 12:45 | | 13:45 | | Lunch break and partners booth visits | | | |
| | | | | Transportation & Mobility track <i>Salon Gulbenkian</i> | | Energy track <i>Salon Adenauer</i> | |
| 13:45 | 14:00 | Introduction - Philippe Gicquel & Stéphane Gréa , AFIS | | Introduction - Yannick Jacquemart , R&D Director, RTE | | | |
| 14:00 | 14:20 | Stéphane Callet , Project Manager and System Engineer & Jean-Baptiste Moussalem , System and Integration Engineer, SNCF Réseau | | Isabelle Moretti , Chief Scientific Officer, Engie | | | |
| 14:20 | 14:40 | Brigitte Courtehoux , Executive Vice President Head of PSA Group New Mobility, PSA | | Guillaume Brecq , Product Owner, Engie | | | |
| 14:40 | 15:00 | Stéphane Guignard , VP operations South Europe, Aras | | Xavier Dorel , Systems Engineering Expert, Schneider Electric | | | |
| 15:00 | 15:20 | Q&A with all the speakers | | Q&A with all the speakers | | | |
| 15:20 | | 15:50 | | Coffee break and partners booth visits | | | |
| | | | | Aeronautics track <i>Salon Gulbenkian</i> | | Healthcare Services track <i>Salon Adenauer</i> | |
| 15:50 | 16:05 | Introduction - Guillaume Obry , CESAMES | | Introduction - Hervé Pingaud , Institut Champollion | | | |
| 16:05 | 16:25 | Thierry Chevalier , Chief Engineer Digital Design & Manufacturing, Airbus | | Philippe Baron , Chief Executive Officer, AxDaNe | | | |
| 16:25 | 16:45 | Alain Huet , Head of System Engineering Solutions, ArianeGroup | | Fabrice Lejay , R&D High Product Line Manager, Stago | | | |
| 16:45 | 17:05 | Yann Lebeau , Chief Technical Officer, Sodius | | Etienne Juliot , Vice President, Obeo | | | |
| 17:05 | 17:25 | Q&A with all the speakers | | Q&A with all the speakers | | | |
| 17:25 | 17:50 | Paul Schreinemakers , EMEA Sector Director, INCOSE | | | | | |
| 17:50 | | 18:30 | | Conclusion by the co-organizers, CESAMES-AFIS & Farewell Cocktail | | | |