

17^e Colloque Ile de Science Paris-Saclay

JUMEAUX NUMERIQUES

Diversité, défis scientifiques, enjeux sociétaux et industriels

Judi 9 février 2023
CentraleSupélec



INTERVENANT(E)S – FICHE DE PRESENTATION

NOM/Prénom : ARBARETIER Emmanuel

Appartenance (organisme) : AIRBUS PROTECT

Titre/Fonction : INNOVATION LEADER

Courte biographie :

Graduated from Ecole Centrale de Paris, Emmanuel ARBARETIER began his career in THALES (formerly THOMSON) where he was in charge of the adaptation of RAMS and ILS US Military Standard to the french group; then he participated in the creation of SOFRETEN where he developed two Model Based Workbenches in the field of Dependability and Logistic Support Analysis; he has been CTO of SOFRETEN for 5 years between 1997 and 2003. Hired in EADS APSYS in 2004, he developed a Simulation Workbench Department, where he redeveloped SIMFIA performance simulation workbench based on Altair language, SIMLOG workbench for maintenance optimization, and Life Cycle Cost simulation and management, and DIAGSYS supporting real time / embedded model based troubleshooting and diagnosis process. He was then responsible for Innovation and Software Department and especially works on Model Based System Engineering and Safety Analysis, as well as Integrated Information System for Operational Performance follow up and enhancement. Currently he has in charge New Business Unit including Innovative Consultancy and Services, Decision Making workbenches and their application to Railway, Automotive, and Energy issues.

As an innovation manager, he has been responsible for Safety work package of a Research Program developed by French Research Institute (IRT-SYSTEMX) about Autonomous Vehicles (SVA=Systeme Véhicule Autonome); he has also been managing for two years one research engineers in VEDECOM in different tasks involved in Preliminary Risk Analysis, Case Generation and Behavioural Modeling with SIMFIA. His domains of work are MBSE / MBSA, autonomous systems, validation methods for IA based applications and smart mobility...

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