



# 8th ESA Workshop on Avionics, Data, Control and Software Systems - ADCSS 2014

## Tuesday, 28 October 2014

### Systems - Software Co-Engineering Methods and Tools - Newton (09:00 - 14:40)

-Conveners: Jean-Loup TERRAILLON

time	[id] title	presenter
09:00	[24] Introduction	Mr TERRAILLON, Jean-Loup
09:15	[25] Requirement Engineering support by SysML	Mr ALVAREZ, Jose Lorenzo
09:35	[26] Architectural Trade-offs: Dependability	Mr TERRAILLON, Jean-Loup Mr YUSHTEIN, Yuri
09:55	[27] Architectural Trade-offs: Avionics Architecture Non-Functional Analysis	Ms ALAÑA SALAZAR, Elena
10:15	[28] Architectural Trade-offs: HW/SW co-design: the example of INGEQUIP	Mr FARAIL, Patrick
10:35	Coffee Break	
10:55	[29] System Data Repository	Mr VALERA, Serge Dr TANG, Yan
11:15	[30] GNC and AOCS functional chains engineering and verification	Ms GIROUART, Benedicte Mr CASASCO, Massimo
11:35	[31] Melody Advance - System Engineering Modelling Tool	Mr PROVOST-GRELLIER, Antoine
12:05	[32] Digital Engineering Framework as enabler for System-Software Co-Engineering	Mr GENDRE, David Mr LESENS, David Mr EISENMANN, Harald
12:35	[33] Model-driven & Component based engineering	Mr POULY, Jeremie
13:05	Lunch	
14:00	[34] Automatic code generation in the scope of a model-based development process	Dr ORTEGA, Guillermo Mr PERROTIN, Maxime
14:20	[35] Compiler Situation for Space Applications - Long Support to ESA Flight Computers	Mr LOPEZ, Jorge