

Software Systems Division
&
Data Systems Division

Final Presentation Days

21 + 22 May 2014

Einstein

08:50 Introduction

09:00 Wireless Passive Sensors for Monitoring Systems

09:50 Single Board Computer Core SBCC

10:40 Coffee break

11:00 Partitioning and Maintenance of Flight Software in
Integrated Modular Avionics for Space

11:50 MultiIMA – Multi-Core in Integrated Modular Avionics

12:40 Lunch break

14:00 Dynamic Translation Based On-Board Processor Emulator

14.50 OBC Simulator Architectures and Interfaces to System Test Benches / LEON SVF Progress Presentation

15:20 Coffee break

15:40 Verification Models for Advance Human-Automation Interaction

16:30 RTEMS Leon Upgrade

17:20 End

08:50 Introduction

09:00 Avionics Architecture Modelling Language

09:50 The Free SDL Machine Editor in TASTE

10:40 Coffee break

11:00 Formal Verification of the PolyORB-HI/C Middleware

11:50 Data Modelling with ASN.1 for Space Applications

12:40 Lunch break

13:40 FDIR Development and V&V Process

14:30 Requirements Definition for On-Board Data Systems for Life-Cycle Support and Management of End-to-End Security

15:20 Coffee break

15:40 Verification Models for Advance Human-Automation Interaction

16:30 Adoption of Electronic Data Sheets and Device Virtualisation for Onboard Devices

17:20 End

ADCSS 2014

Workshop on Avionics, Data Control and Software Systems

27, 28 and 29 October 2014
Newton Conference Centre
ESTEC

Final Presentation Days

09 and 10 December 2014
Newton 2
ESTEC

Workshop on Simulation and EGSE for Space Programmes – SESP2015

24, 25 & 26 March 2015

Newton Conference Center

ESTEC