



# Software Systems Division & Data Systems Division

## Final Presentation Day

Wednesday 9 May 2018  
Einstein

ESA UNCLASSIFIED - For Official Use



European Space Agency

## Programme

- 09.00 Pre-Qualification of a Mathematical Library for Flight Software
- 09.50 Robust Design Optimisation
- 10.40 Coffee Break*
- 11.00 Optimized multicore implementation and benchmarks for on-board image compression algorithm - on dedicated space HW
- 11.50 iSAFT PVS With Time Triggered ethernet Capabilities
- 12.40 Lunch Break*

## Programme

- 14.00 MARVL - Model-based requirements-verification lifecycle
- 14.50 A new network paradigm for the On-Board Reference Architecture
- 15.40 *Coffee Break*
- 16.00 Tools for fast simulation of very complex System-on-Chip
- 16.50 PATAS - Quality Assurance in Model-Driven Software Engineering for Spacecraft

## Upcoming Events



# ADCSS 2018

12<sup>th</sup> ESA Workshop on Avionics, Data, Control and Software Systems

*16-18 October 2018*

*ESA/ESTEC*

*Noordwijk (The Netherlands)*

Website: [adcss.esa.int](http://adcss.esa.int)



## Upcoming Events



# Final Presentation Days

*11-12 December 2018*

*ESA/ESTEC*

*Noordwijk (The Netherlands)*

Website: <https://indico.esa.int/indico/event/247/overview>



## Upcoming Events



# OBDP 2019

## European Workshop on On-Board Data Processing

*25-27 February 2019*

*ESA/ESTEC*

*Noordwijk (The Netherlands)*

Website: <https://indico.esa.int/indico/event/225/overview>



## Upcoming Events



# SESP 2019

## Workshop on Simulation and EGSE for Space Programmes

*26-28 March 2019*

*ESA/ESTEC*

*Noordwijk (The Netherlands)*



## Future Events (Mailing List)



If you would like to stay up to date of  
Future Events, please register via:

<https://lists.estec.esa.int/lists/>

