# 17th ESA Workshop on Avionics, Data, Control and Software Systems ~ ADCSS2023

## Tuesday 14 November 2023

**Data Handling - Newton Conference Area (09:00 - 13:00)**

| time | [id] title | presenter |
|------|-----------|-----------|
| 09:00 | [16] Welcome & Introduction | |
| 09:10 | [11] What's next? Beyond HDLs in space FPGA development | URBON, Alberto |
| 09:30 | [39] Applied high-level design & synthesis: A case study of recent FPGA-based design projects from the space industry | GEST, Patrick |
| 10:00 | [40] FPGA Design and HDL Auto-Coding Using Model Based Flow | ROMANATO, Roberto |
| 10:30 | [41] FPGA Architect & Model Based Engineering | TAYLOR, Adam |
| 11:00 | Coffee Break | |
| 11:30 | [42] Observation of real-time dependable systems | PEDRO, André |
| 12:00 | [43] The METASAT FPGA Prototype: A High-Performance Multicore, AI SIMD and GPU RISC-V Platform for On-board Data Processing | KOSMIDIS, Leonidas |
| 12:30 | [44] The PLATO On-board data-processing System – A Comprehensive Overview | ZIEMKE, Claas |