

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

Wednesday 15 November 2023

Modern techniques for software verification and validation - Newton Conference Area (09:00 - 13:00)

time	[id] title	presenter
09:00	[23] Welcome & Introduction	
09:10	[24] ISVV for Evolutions in Software Development Methods and Processes	SILVA, Nuno Pedro
09:35	[25] Methodology and Tooling to Reach Category A Software	ARREGUI, Andoni
10:00	[27] Applicability of Fuzz Testing to Flight Software	PASTORE, Fabrizio
10:20	[26] Applicability of Mutation Testing Method for Flight Software	PASTORE, Fabrizio
10:50	Coffee Break	
11:20	[28] Plato N-DPU ASW dual-core architecture and the V&V approach followed	PLASSON, Philippe
11:45	[29] TAS-I multi-core SW architecture and the V&V approach	TEODONIO, Domenico
12:10	[30] Cybersecurity by Design for Mixed Criticality Embedded Systems	MAUDIRE, Thierry
12:35	[31] Modern OBSW verification with Rust and data-oriented design patterns	MELCHIORE, Michael