



# 15th ESA Workshop on Avionics, Data, Control and Software Systems ~ ADCSS2021

## Wednesday, 17 November 2021

### Autonomous Avionics - Let's Get Digital (14:00 - 18:00)

time	[id] title	presenter
14:00	[44] Welcome & Introduction by Session Chairs	CASASCO, Massimo RADU, Silvana
14:05	[45] View of DLR: Overview of the GNC System for DLR's Reusability Flight Experiment (ReFEx)	Mr THEIL, Stephan
14:25	[46] View of CNES: ASTERIA - Autonomous collision risks management	Mr THOMASSIN, Jerome
14:45	[47] Moon Landing Systems PILOT latest developments, challenges and perspectives	Mr LEFORT, Xavier
15:05	[48] Space Rider: Avionics, GNC & SW architecture & challenges	Mr HERNANDEZ, Aleix Mr CURTI, Gianluca Mr ROMBOUT, Olivier
15:25	[49] Q&A	
15:45	Coffee Break	
16:00	[50] Re-usable high reliability computer for autonomous missions	Mr WILLEMS, Ruben
16:20	[51] Avionics technology maturation and trends for future launchers	Mr DUSSY, Stephane
16:40	[52] Collision Avoidance Process in ESOC	Mr MUNOZ, Isidro
17:00	[53] Application of AI in safety critical environments: methods, chances and pitfalls	Mr GOVAERS, Felix
17:20	[54] Q&A	
17:40	[55] Wrap-Up	