

European Space Thermal Engineering Workshop 2020

Tuesday, 6 October 2020

Thermal Analysis (14:45 - 15:45)

-Conveners: Gunnar Sieber

time	[id] title	presenter
14:45	[6] PASTA – AIRBUS parametric workflow manager for thermal analysis	Mr SCARDINO, marco
15:15	[19] Development of a new software tool for thermal analysis of satellite harnesses	Mr BLOEM, Edwin

Thermal Analysis (16:00 - 17:30)

-Conveners: James Etchells

time	[id] title	presenter
16:00	[31] ESATAN Thermal Modelling Suite—Product Developments	BROUQUET, Henri
16:30	[26] Leveraging ECAD Data for PCA Thermal Simulation	Mr RUEL, Jean-Frederic
17:00	[36] Physics driven geometrical model reduction (GMM)	VADEZ, Vincent

Wednesday, 7 October 2020

Thermal Analysis (09:00 - 10:00)

-Conveners: James Etchells

time	[id] title	presenter
09:00	[14] Thermal-hydraulic design and analysis of the PLATO thermal-vacuum optical calibration experiment	AL-BAHLAWAN, Ashraf
09:30	[16] Thermal modelling of an in-orbit refuelling process of a xenon tank with ESATAN-TMS Fluid	Dr BODENDIECK, Frank

Thermal Analysis (14:45 - 15:45)

-Conveners: Matthew Vaughan

time	[id] title	presenter
14:45	[2] Systema-Thermica	LEPILLIEZ, Mathieu
15:15	[5] Systema-Thermica – User new possibilities	GOVONE, Lilian

Thursday, 8 October 2020

Thermal Analysis (09:00 - 10:00)

-Conveners: **Matthew Vaughan**

time	[id] title	presenter
09:00	[7] Leveraging Hardware Accelerated Ray Tracing For Fast View Factor Determination	Mr HENRIQUEZ WEHR, Martin
09:30	[20] INTA Thermal testing and Model Correlation of Cryostat Thermal Straps	FERNÁNDEZ, Miguel Mrs GARCÍA LLASES, Almudena Mr BASTIDE, Laurent

Thermal Analysis (11:30 - 12:30)

-Conveners: **Harrie Rooijackers**

time	[id] title	presenter
11:30	[35] Characterisation of the Venus thermal environment for the VenSpec-H instrument on Envision	Mr VAUGHAN, Matthew
12:00	[30] STEP-TAS Updates	ETCHELLS, James