

European Space Thermal Engineering Workshop 2023

Tuesday, 10 October 2023

Thermal Analysis - Newton (11:30 - 13:00)

-Conveners: Matthew Vaughan

time	[id] title	presenter
11:30	[73] Preliminary thermal decontamination study of Ariel	Mr FERNÁNDEZ-SOLER, ALEJANDRO
12:00	[112] TOWARDS A THERMAL DIGITAL TWIN – Achievements, Challenges and Lessons Learned from a Thermal Analyst's Perspective	MORGAN, Scott
12:30	[53] Arianespace Thermal Model specification for Thermal Coupled Load Analysis	DAVY, Guillaume

Wednesday, 11 October 2023

Thermal Analysis: Thermal Analysis - Newton (11:00 - 13:00)

-Conveners: James Etchells

time	[id] title	presenter
11:00	[72] ANSYS Icepak CubeSat Thermal Models Correlation	D'ANNIBALLE, Alessandro
11:30	[79] Thermal Analyses of Greenhouse to Support Crewed Lunar Habitation	LABRECQUE, Jean-Francois
12:00	[62] Thermal mathematical model validation by tests performed in TVAC	ALASZKIEWICZ, Michal
12:30	[93] From Manual to Automated: Optimizing Spacecraft Thermal Modelling Processes with AI	PYNE, Ted MELAMEKA, Yannick

Thermal Analysis: Thermal Analysis - Einstein (16:30 - 18:00)

-Conveners: Matthew Vaughan

time	[id] title	presenter
16:30	[84] Accelerating Radiative Heat Transfer Analysis for Space Systems using GPU-Based Ray Tracing	SANCHEZ, Florian
17:00	[86] Radiative Exchange Factor Calculations Using New GPU Hardware-accelerated Ray Tracing Capabilities	NAVAJAS ORTEGA, Daniel

Thursday, 12 October 2023

Thermal Analysis - Newton (09:00 - 11:00)

-Conveners: Duncan Gibson

time	[id] title	presenter
09:00	[52] Trade Off EcosimPro/LMS Amesim for MPL modeling and its co-Simulation with e-Therm	BRUNETTI, François
09:30	[54] SYSTEMA – THERMICA	CAUGANT, Antoine GALERON, Léa
10:00	[91] Radian: CAD importing and other improvements for thermal analysis software	CRIADO, David
10:30	[105] ESATAN Thermal Modelling Suite - Product Developments	BROUQUET, Henri