European Space Thermal Engineering Workshop 2024

Tuesday 8 October 2024

Thermal Control - Newton (16:30 - 18:00)

-Conveners: Philipp Hager

time	[id] title	presenter
16:30	[25] Phase Change Material Heat Capacitor: performance reached for an hypersonic glider and industrialisation	COLLETTE, JP
17:00	[64] Phase Change Material in Space Electronic Systems for ADHA and Space VPX standards: simulations and TVAC testing	JURKOWSKI, Artur PALUCH, Radosław
17:30	[15] Development of efficient concepts for mounting of thermal MLI blankets	REITTERER, Klaus

Wednesday 9 October 2024

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

-Conveners: Giulio Tonellotto

time	[id] title	presenter
09:00	[30] Evolution of thermo-optical properties of solar panels or thermal control materials with lunar dust simulants contamination	Dr HAGER, Philipp
09:30	[21] Adjustable Support Structure for Optical Sensors, ASSOSS - Thermal System	Mr SAUNDERS, Carlos Ms SAGARIA, Shehna
10:00	[14] Development of a Deployable Radiator Equipped with Loop Heat Pipes for high throughput communication satellites.	MIYAKITA, Takeshi
10:30	[32] Multicase topology optimization for the thermal design of space systems	ARROYO RUIZ, Carlos

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

-Conveners: Marc Broussely

time	[id] title	presenter
17:00	[57] IMPROVEMENT OF ANTENNA THERMAL RADIATORS EFFICIENCY USING AN INNOVATIVE TAPE AS OPTICAL SOLAR REFLECTOR	SCIULLI, DIANA
17:30	[40] The development of First-Flex, a new flexible Optical Solar Reflector	MENGALI, Sandro