

European Space Thermal Engineering Workshop 2022

Tuesday, October 18, 2022

Thermal Design - Newton (4:30 PM - 6:00 PM)

-Conveners: Duncan Gibson

time	[id] title	presenter
4:30 PM	[8] High Performance Thermal Straps with Enhanced Conductivity for Space Application	MOLDOVANU, Bianca
5:00 PM	[9] Thermal Design of a Spaceborne Deployable SAR Reflector	SAUER, Arne Mr SPEIDEL, Christopher
5:30 PM	[49] Mars Sample Return: Thermal Design of the Earth Return Orbiter	ARES, Alejo Mr LANEVE, Vito

Wednesday, October 19, 2022

Thermal Design - Newton (11:30 AM - 1:00 PM)

-Conveners: Giulio Tonello; Stephane Lapensee

time	[id] title	presenter
11:30 AM	[12] Thermal Design of the AMS-100 Cosmic Particle Detector at L2	KOHLBERGER, David-Sharif
12:00 PM	[13] European Contribution for Lunar Gateway – overview on Thermal Control System	Dr RUZZA, Paolo
12:30 PM	[10] ROSE-L SAR Instrument Thermal Design	Mr SAUER, Arne

Thermal Design - Newton (4:30 PM - 6:00 PM)

-Conveners: Victor Cleren

time	[id] title	presenter
4:30 PM	[39] The Mode Selector Mechanism (MSM): a bi-stable cryo-actuator operated at 4.2K	Mr LALLEMAND, Etienne
5:00 PM	[24] Development and qualification of ECLAIRs Instrument Thermal Control System using Variable Conductance Heat Pipes	CERVANTES, Yann
5:30 PM	[48] SVOM MXT Instrument: Thermal Control System Design and Verification	BOUFRACHA, Narjiss

Thursday, October 20, 2022

Thermal Design - Newton (9:30 AM - 11:00 AM)

-Conveners: Philipp Hager

time	[id] title	presenter
9:30 AM	[50] JUICE (JUperiter ICy moon Explorer) thermal model correlation and final flight thermal predictions	PEYROU-LAUGA, Romain Mr ROCA, Gabriel
10:00 AM	[40] E-TEST Prototype Ultra-cold vibration control	Mr LE VAN, Bao Long
10:30 AM	[36] Progress in Development of a Dust-Resilient Active Radiator for Lunar Applications	GIBSON, Andrew Mr IGLESIAS, Angel