

European Space Thermal Engineering Workshop 2022

Tuesday 18 October 2022

Thermal Control - Newton (14:00 - 16:00)

-Conveners: Romain PEYROU-LAUGA

time	[id] title	presenter
14:00	[18] Development of a compact high-effectiveness recuperator for a space 40 K Reverse Turbo-Brayton cooler	ONUFRENA, Aleksandra
14:30	[47] Smart Heaters	Mr BARBERO, Juan Mr PEREIRO GARCÍA, Javier
15:00	[42] The Thermal-Structure design issues on a cryostat for a milli-Kelvin TES sensor tests	Mr REINA, Manuel Dr VERA, Isabel
15:30	[6] LiDeR – A Deployable Passive Radiator	Dr PRELLER, Fabian

Wednesday 19 October 2022

Thermal Control - Einstein (14:00 - 16:00)

-Conveners: Gunnar Sieber

time	[id] title	presenter
14:00	[7] Novel Graphene-based Thermal strap	HÖGSTRÖM, Richard
14:30	[22] Radiator Shadowing System (RSS) to save dissipation power	RAYNAL, Nicolas
15:00	[30] Cost Savings & Performance Benefits of Carbice Nanotube Satellite Thermal Interface Solutions	CEFALO, Bianca
15:30	[4] Development of a miniature heat exchanger for mechanically pumped loop systems for active thermal control of CubeSats	ELVIK, Sander