



# European Space Thermal Engineering Workshop 2022

## Tuesday, October 18, 2022

### Thermal Control - Newton (2:00 PM - 4:00 PM)

-Conveners: Romain PEYROU-LAUGA

time	[id] title	presenter
2:00 PM	[18] Development of a compact high-effectiveness recuperator for a space 40 K Reverse Turbo-Brayton cooler	ONUFRENA, Aleksandra
2:30 PM	[47] Smart Heaters	Mr BARBERO, Juan Mr PEREIRO GARCÍA, Javier
3:00 PM	[42] The Thermal-Structure design issues on a cryostat for a milli-Kelvin TES sensor tests	Mr REINA, Manuel Dr VERA, Isabel
3:30 PM	[6] LiDeR – A Deployable Passive Radiator	Dr PRELLER, Fabian

# Wednesday, October 19, 2022

## **Thermal Control - Einstein (2:00 PM - 4:00 PM)**

**-Conveners: Gunnar Sieber**

time	[id] title	presenter
2:00 PM	[7] Novel Graphene-based Thermal strap	HÖGSTRÖM, Richard
2:30 PM	[22] Radiator Shadowing System (RSS) to save dissipation power	RAYNAL, Nicolas
3:00 PM	[30] Cost Savings & Performance Benefits of Carbide Nanotube Satellite Thermal Interface Solutions	CEFALO, Bianca
3:30 PM	[4] Development of a miniature heat exchanger for mechanically pumped loop systems for active thermal control of CubeSats	ELVIK, Sander