

European Space Thermal Engineering Workshop 2023

Wednesday, 11 October 2023

Heat Transport: 2-Phase - Newton (14:00 - 16:00)

-Conveners: Paula Prado Montes

time	[id] title	presenter
14:00	[65] In Orbit Demonstrator for LHP ² and AG190	Mr PONSY, John MOHAUPT, Mikael
14:30	[63] Development of a vapour chamber in additive manufacturing for LEO active antennas. Trade-off and preliminary design	ARGENTE HERNÁNDEZ, Pedro
15:00	[66] JAXA Two-phase Heat Transport Technology Development Overview	OKAMOTO, Atsushi
15:30	[75] GEO Telecom Satellite Thermal Control System: Hardware and development outline for a high power removal and transport system	PASTOR, Jose Luis

Thursday, 12 October 2023

Heat Transport: 2-Phase - Einstein (09:00 - 11:00)

-Conveners: emmanuel caplanne

time	[id] title	presenter
09:00	[69] Development and testing of a mechanically pumped loop for active antennae	VAN GERNER, Henk Jan
09:30	[70] Comparison of Cu-H ₂ O Heat Pipes and Al- NH ₃ Heat Pipes for external homogenization of an electronic box	Dr HELL, Annika
10:00	[117] Chemical Compatibility of Various Working Fluids with Additively Manufactured Materials for Two-Phase Cooling Systems.	Dr BUTLER, Colin
10:30	[81] Experimental characterization of a SiC-Ammonia heat pipe after 2-year storage in room conditions	BOUDIER, Guillaume