

European Space Thermal Engineering Workshop 2019

Wednesday 9 October 2019

2-Phase Heat Transport Technology - Newton 1 (09:00 - 10:30)

-Conveners: Emmanuel Caplanne

time	[id] title	presenter
09:00	[46] On-orbit Experiment of Oscillating Heat Pipe and Loop Heat Pipe	Dr OKAMOTO, Atsushi
09:30	[19] Development of a Novel Positive Displacement Pump for Mechanically Pumped Loops	Mr CASTRO, Charlton
10:00	[33] Minimising Temperature Gradients Within an Optical Support Plate Using Active Thermal Control	Mr NELSON, Edward

2-Phase Heat Transport Technology - Newton 1 (16:30 - 18:00)

-Conveners: Gunnar Sieber

time	[id] title	presenter
16:30	[13] Compact and lightweight two-phase pumped cooling system with 3D printed aluminium components	Dr VAN GERNER, Henk Jan
17:00	[31] Medium LHP state of the art	Mrs COQUARD, Typhaine
17:30	[32] A Separable Loop Heat Pipe for Cooling a Pressurised Cargo Module	Mr NELSON, Edward