

Session Program

9-11 Sept 2025

European Space Thermal Engineering Workshop 2025

Heat Transport

ESA/ESTEC, Einstein and Newton
Keplerlaan 1 2201 AZ Noordwijk The Netherlands

Tuesday 9 September

11:30

Heat Transport

Session | **Location:** Newton | **Convener:** Victor Cleren

12:00–12:30

Ammonia MECOP LHP for Multi-Kilowatt Thermal Management

Speaker

Luka Ivanovskis

12:30–13:00

Candidacy of cryogenic pulsating heat pipes for space applications

Speaker

Dr Tisha Dixit

13:00

16:30

Heat Transport

Session | **Location:** Newton | **Convener:** Paula Prado Montes

16:30–17:00

Integration simplification of capillary driven heat transport systems

Speaker

Mrs typhaine coquard

17:00–17:30

Demonstration of methods for adding heat switch function to loop heat pipe

Speaker

Mr Takeshi Miyakita

17:30–18:00

Loop Heat Pipe operating between 100K to 150K for detector cooling

Speaker

Mrs typhaine coquard

18:00

Wednesday 10 September

11:30

Heat Transport

Session | **Location:** Einstein | **Convener:** Dr Paolo Ruzza

11:30-12:00

Heat Pipe and Hybrid Radiator/Single-Loop Technology for Exploration Missions

Speaker

Filipe Mancio Reis

12:00-12:30

ALM heat-pipe for compact active antenna

Speaker

Mrs typhaine coquard

12:30-13:00

Flexible Heat Pipe for Space, Development and Test Validation

Speakers

Dr Mikael Mohaupt, Safia Moussaoui

13:00

Thursday 11 September

11:30

Heat Transport

Session | **Location:** Newton 2 | **Convener:** Dr Paolo Ruzza

11:30-12:00

Development of an engineering model of an additive-manufactured Electronic Box with embedded heat pipes: from architectural choices to final thermal performances

Speaker

Luigi Vitali

12:00-12:30

Enhanced Cooling for Electronic Boxes

Speaker

Mr Antoine Lonez

12:30-13:00

Oscillating Heat Pipes for Satellite Electronics Thermal Management

Speaker

Corey Wilson

13:00