

Session Program

9-11 Sept 2025

European Space Thermal Engineering Workshop 2025

Thermal Design

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

Tuesday 9 September

14:00

Thermal Design

Session | **Location:** Newton | **Convener:** Mr Vito Laneve

14:00–14:30

A long way home - thermal challenges in ESAs Plasma Observatory”

Speaker

Kacper Kuta

14:30–15:00

Thermal design and analysis of the ARIEL MGAMA.

Speaker

María Páez López

15:00–15:30

Thermal design of an External Antenna Pointing Mechanism for an Interplanetary Mission

Speaker

Antonia Grethen-Bussmann

15:30–16:00

Rosalind Franklin Mission - Challenges and trade-offs to minimize heater power consumption in harsh environments

Speaker

William Bontemps

16:00

Wednesday 10 September

11:30

Thermal Design

Session | **Location:** Newton | **Convener:** Miguel Copano

11:30–12:00

MetOp-SG Satellite A Launch and Early Orbit Launch Thermal Performance

Speaker

Romain PEYROU-LAUGA

12:00–12:30

Design and Analysis of ATHENA's X-IFU Cryostat

Speaker

Santiago Terron

12:30–13:00

THERMAL DESIGN OF HAWK PLUS: A STANDARDIZED AND SCALABLE SMALL SATELLITE PLATFORM

Speaker

Claudio Pedrazzini

13:00

Thursday 11 September

09:00

Thermal Design

Session | **Location:** Newton 2 | **Convener:** Mr Gunnar Sieber

09:00–09:30

PCM passive thermal control for stable structures

Speakers

Mr David Valentini, Romain PEYROU-LAUGA

09:30–10:00

WIVERN Payload Module Thermal Design and Loop Heat Pipe BB Testing

Speakers

Russell Bewick, Quentin Harivel

10:00–10:30

Thermal design, analysis and test of near infrared and visible cameras abstract - INVAP

Speakers

Mr Domingo Cattoni, Olivier Martre

10:30–11:00

Next Generation Gravity Mission (NGGM) thermal challenges

Speakers

Mr Dylan Feore, Mr Erik Hailer, Romain PEYROU-LAUGA

11:00