Session Program

6–8 Oct 2026

European Space Thermal Engineering Workshop 2026

Thermal Testing

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

Wednesday 7 October

11:30

Thermal Testing

Session | **Location:** ESA/ESTEC, Newton | **Convener:** Arturo González-Llana

11:30–12:00

K-CORE® RADIATOR PANELS TVAC TEST AND TMM CORRELATION: AN INNOVATIVE THERMAL CONTROL SOLUTION FOR HIGH POWER DENSITY CUBESATS

Speaker
Mattia Benericetti

12:00–12:30

Thermoplastic structures - modelling and testing

Speakers
Mr Marcel Daniluk, Ms Sylwia Ciorga

12:30–13:00

Orbital thermal cycling as an excitation source for on-orbit non-destructive inspection: passive shearography for large space structures

Speakers
Mr Nan Tao, Mr Matthijs van Heck, Mafalda Caramelo Assis

13:00

Thursday 8 October

09:00

Thermal Testing

Session | **Location:** ESA/ESTEC, Einstein | **Convener:** Andreas Mussger

09:00–09:30

LISA Optical Metrology Subsystem Thermal Testing at CNES – Setup and Thermal Environment Characterization PART 1

Speaker
Corentin Buti

10:00–10:30

Frequency-Domain Correlation of a LISA Payload Thermal Model

Speaker
Arthur Dunlop

10:30–11:00

TVAC experimental verification of a temperature-induced excess noise subtraction methodology for sub-millihertz ultra-low-noise space magnetometers.

Speaker
Pablo Cárdenas

11:00

15:00

Thermal Testing

Session | **Location:** ESA/ESTEC , Newton | **Convener:** Miguel Copano

15:00–15:30

Thermal test and correlation of SeRANIS Athene-1 small satellite

Speaker
Mr Miguel Cruzat

15:30–16:00

FORUM FEI: Thermo-Mechanical architecture and TVAC verification

Speakers
Giammarco Claroni, Monica Mozzato

16:00