Session Program

6–8 Oct 2026

European Space Thermal Engineering Workshop 2026

Thermal Design

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

Tuesday 6 October

11:00

Thermal Design

Session | **Location:** ESA/ESTEC, Newton | **Convener:** Heiko Ritter

11:00–11:30

PCM-Based Heat Capacitor and Heat Spreader Development and Design Optimization

Speaker
Matvei Andreev

11:30–12:00

Passive Cooling System Design of the Ariel Telescope

Speaker
Ms Antonia Grethen-Bussmann

12:00–12:30

HIROS Atmospheric Sounding Payload: Achieving Milli-Kelvin Stability in a Miniaturised Instrument

Speaker
Theo Dantichan

12:30–13:00

Design and optimization of open cell radiator for cryogenic application

Speaker
Mark Alexa

13:00

Wednesday 7 October

16:30

Thermal Design

Session | **Location:** ESA/ESTEC, Newton | **Convener:** Vito Laneve

16:30–17:00

In flight thermal correlations of ECLAIRs instrument Thermal Control System

Speaker
Yann Cervantes

17:00–17:30

Thermal design challenges in the preliminary architecture of ASLSTR, successor to the Sea and Land Surface Temperature Radiometer

Speaker
Edoardo Maria Benivegna

17:30–18:00

Thermal Control and Marangoni Effects in a Two-Phase Flow of the METRO ISS Experiment

Speaker
Jiri Teichman

18:00

Thursday 8 October

11:30

Thermal Design

Session | **Location:** ESA/ESTEC, Newton | **Convener:** Paolo Ruzza

11:30–12:00

Thermal Control System Design and Verification for Comet Interceptor

Speaker
Mr Alessandro Spalla

12:00–12:30

Envision: mission status at PDR

Speakers
Mr Sergio Zanola, Mr Stephan Ptacek, Mr emmanuel caplanne

12:30–13:00

Thermal and thermo-mechanical design of the ESA Genesis mission

Speaker
Gianfranco Salih

13:00