Session Program

6–8 Oct 2026

European Space Thermal Engineering Workshop 2026

Thermal Control

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

Tuesday 6 October

14:00

Thermal Control

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

14:00–14:30

A Composite Architecture for Radiation Shielding and Thermal Management

Speakers

Dr Srujan Rokkam, Dr Nathan Van Velson

15:00–15:30

Lightweight insulation for high-temperature ISRU systems: Material characterization test results

Speaker

Francisco J. Guerrero-Gonzalez

15:30–16:00

Design Update and Breadboard Validation of an Electrohydrodynamic Thermal Switch with Improved Volume Compensation

Speaker

Dr Magnus Heldin

16:00

Wednesday 7 October

16:30

Thermal Control

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

16:30–17:00 **STARTEC, thermo-electric coolers for star trackers**

Speaker
Mr Sebastian Ospina

17:00–17:30 **Advanced Manufacturing Phase Change Material Heat Accumulators for New Space**

Speaker
JP Collette

17:30–18:00 **Magnetocaloric Thermal Control for Space Applications**

Speaker
Patryk Cwik

18:00

Thursday 8 October

16:15

Thermal Control

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

16:15–16:45 **Graphene electrochromic variable emissivity radiator**

Speakers
Dr Ciaran Mullan, NAGAPP PRADHANI

16:45–17:15 **Opportunities for Solid-State Elastocaloric Technology in Active Thermal Management for Space Applications**

Speaker
Andrej Žerovnik

17:45