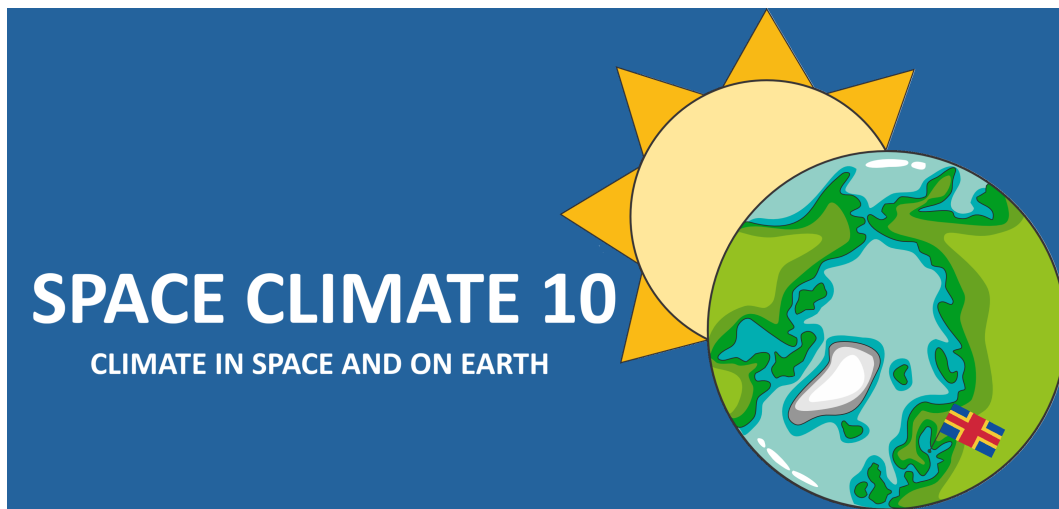


Session Program

8-12 Jun 2026



Space Climate 10

Poster session

Tuesday 9 June

11:58

Poster session

Session | **Location:** Alandica Culture and Congress Center, STRANDGATAN 33

12:00-12:01 **P1 Synchronisation Model of the Solar Dynamo**

Speaker

Frank Stefani

12:01-12:02

P2 - Inverting the Solar Meridional Circulation Profile in a Babcock-Leighton Flux Transport Dynamo Model through Genetic Modelling

Speaker

Laurie Lamy-Proulx

12:02-12:03

P3 - Exploring the Dominant Process of Solar Toroidal Magnetic Flux Loss

Speaker

Zebin Zhang

12:03-12:04

P4 - Stellar flares and starspots in TESS light curves

Speaker

Emilia Rintamäki

12:04-12:05

P5 - Properties of Circumfacular regions derived from H α and Ca II K synoptic observations

Speaker

Serena Criscuoli

12:05-12:06

P6 - Total Solar Irradiance Variations Based on Fengyun3 Series Satellites

Speaker

Jin Qi

12:06-12:07

P7 - Quantifying the effect of passband on observations in the Ca ii K line

Speaker

Theodosios Chatzistergos

12:07-12:08

P8 - Sunspot Number V2.0 Through Solar Cycle 25: A Long-term Multi-Proxy Stability Analysis

Speaker

Kalugodu Chandrashekhar

12:08-12:09

P9 - THE AAVSO DAILY SUNSPOT DATABASE 1945-2026

Speaker

Bradley E. Schaefer

12:09-12:10

P10 - Sunspot drawings analysis with DigiSun and estimation of the uncertainty on group positions**Speaker**

Sabrina Bechet

12:10-12:11

P11 - New high-resolution ^{10}Be and ^{36}Cl measurements across key Holocene intervals**Speaker**

Florian Mekhaldi

12:11-12:12

P12 - Solar and Climatic Imprints in a ^{10}Be Record from the NEEM Ice Core (Greenland) over 0-1650 CE**Speaker**

Prof. Ala Aldahan

12:12-12:13

P13 - Radiocarbon Measurements over the Proposed Solar Energetic Particle Events in the 13th Century CE**Speaker**

Michael W. Dee

12:13-12:14

P14 - Magnetospheric Response to Non-Dipolar Fields During Geomagnetic Excursions and Reversals (GERs)**Speaker**

Dr Shipra Sinha

12:14-12:15

P15 - Measuring the local Geomagnetic Disturbances in the INAF-Turin Astrophysical Observatory: two years of data around the solar maximum**Speaker**

Giorgio Bergamin

12:15-12:16

P16 - On the time lag of GCRs and solar activity proxies**Speaker**

David Pelosi

12:16-12:17

P17 - SciBar Cosmic Ray Telescope at Sierra Negra Cosmic Rays Observatory, Mexico: Simulation results and current status**Speaker**

Fernando Monterde-Andrade

12:17-12:18

P18 - Detection of the 20 January 2026 Forbush Decrease by the Tanca Water-Cherenkov Detector**Speaker**

Anderson Campos Fauth

12:18-12:19

P19 - Modelling of the diurnal variation of cosmic rays

Speaker

Mr Markus Similä

12:19-12:20

P20 - Effective Dose Rates at Aviation Altitudes During GLE#76 (21 November 2024)**Speaker**

Mr Bertalan Csapo

12:20-12:21

P21 - Sensitivity of polar neutron monitors to solar energetic particles**Speaker**

Oscar Batalla

12:21-12:22

P22 - CME-driven sheath regions and interaction interfaces driving strong magnetospheric activity**Speaker**

Emilia Kilpua

12:22-12:23

P23 - The EPOS data platform: Geomagnetic and electromagnetic data for a multi-disciplinary research**Speaker**

Juan José Curto Subirats

12:23-12:24

P24 - Assessing Deep Learning Architectures for Space-Weather-Induced Atmospheric Correction in Urban Remote Sensing**Speaker**

Louis Foujols

12:24-12:25

P25 - A new composite of energetic electron precipitation and resulting atmospheric ionization based on combined POES and Proba-V data**Speaker**

Jani Mantere

12:25-12:26

P26 - Validation of CMIP solar forcing input using EISCAT incoherent scatter radar, rockets and Arase satellite measurements**Speaker**

Neethal Thomas

12:26-12:27

P27 - Assessing the climate system response to solar irradiance grand minima**Speaker**

Lucaferri Lorenza

12:27-12:28

P28 - Relationship between solar activity and atmospheric circulation over Europe**Speaker**

Hana Hanzlíková

12:28-12:29

P29 - Role of the Northern Polar Vortex and Geomagnetic Activity in Modulating Surface Solar Radiation and Solar Power Generation in Europe

Speaker
Veera Juntunen

12:29-12:30

Ionospheric irregularities in the polar regions - climatology and predictability

Speaker
Wojciech J. Miloch

13:00

16:38

Poster session

Session | **Location:** Alandica Culture and Congress Center, STRANDGATAN 33

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