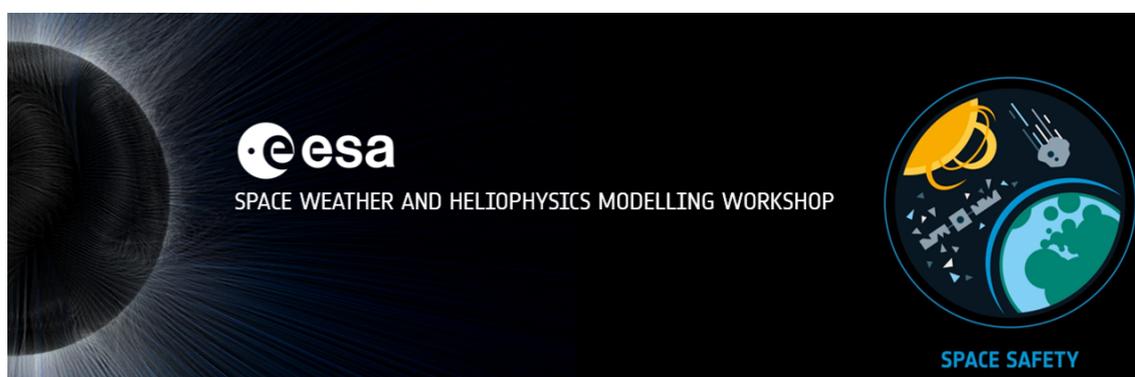


Session Program

7-9 Apr 2026



Space Weather and Heliophysics Modelling Workshop

Geomagnetic Storms and Indices

ESOC Press Centre
Robert-Bosch-Str. 5 64293 Darmstadt Germany

Wednesday 8 April

10:00

Geomagnetic Storms and Indices

Session | **Location:** ESOC Press Centre, Robert-Bosch-Str. 5 64293 Darmstadt Germany

10:00-10:15 **Space Weather forecasting models for onboard operations**

Speaker
Monica Laurenza

10:15-10:30

Multi-Horizon Operational Forecasting of Geomagnetic Storms Using L1 Solar-Wind Observations

Speaker
Michele Piana

10:30-10:45

Data Driven Advances in SERENADE: Larger Datasets, Stable Forecasts

Speaker
Guillaume Bernoux

10:45-11:00 **Days ahead forecast of geomagnetic activity**

Speaker
Peter Wintoft

11:00-11:15

Disturbance Storm Time Index Prediction with Interpretable Machine Learning

Speaker
Jonah Ekelund

11:15