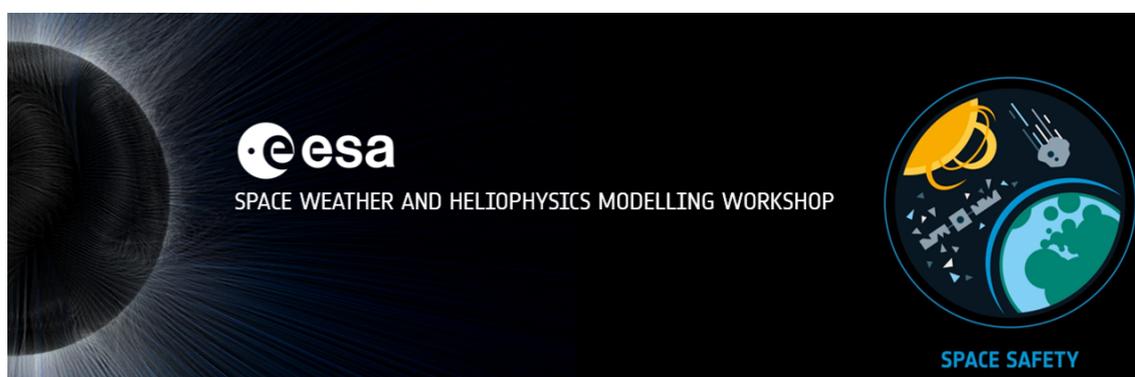


## **Session Program**

**7-9 Apr 2026**



# **Space Weather and Heliophysics Modelling Workshop**

## **Characterisation & forecasting pipelines**

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

# Tuesday 7 April

10:00

## Characterisation & forecasting pipelines

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

10:00-10:15

### The ESA Vigil Mission at L5: Heliospheric Modelling Opportunities from a New Perspective

**Speaker**

Matthew West

10:15-10:30

### Space weather forecasting with sub-L1 solar wind monitors

**Speaker**

Christian Möstl

10:30-10:45

### Operational Machine-Learning-Enhanced CME Arrival-Time Forecasting and In-Situ ICME Detection

**Speaker**

Sabrina Guastavino

10:45-11:00

### Variational Data Assimilation for Improved 3D Global MHD Forecasting of the Ambient Solar Wind

**Speaker**

Jose Arnal

11:00-11:15

### Architectural and Performance Optimization of the Energetic Particle Radiation Environment Model (EPREM-CPP)

**Speaker**

Mr Artem Epifanov

11:15