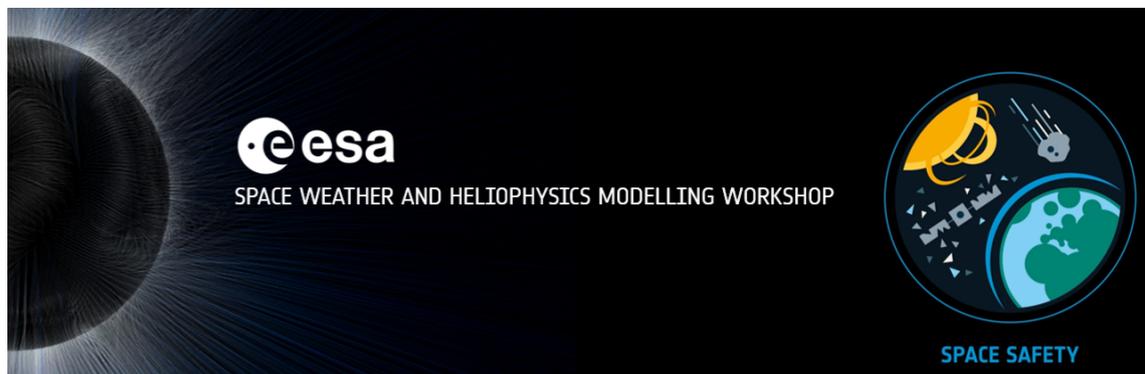


Session Program

7-9 Apr 2026



Space Weather and Heliophysics Modelling Workshop

The Ionosphere

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

Thursday 9 April

10:00

The Ionosphere

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

10:00-10:15

NN modelling of the topside ionosphere based on four solar cycles of measurements

Speaker

Artem Smirnov

10:15-10:30

Forecasting of foF2 over Europe

Speaker

Loredana Perrone

10:30-10:45

Regional Adaptive and Assimilative 3D Ionospheric Modeling over Italy

Speaker

Dr Carlo Scotto

10:45-11:00

UCTOMO: Multi-Scale Estimation and Parameterization of the Ionospheric Radiofrequency Propagation Environment

Speaker

Susan Skone

11:00-11:15

Constraining Ionospheric State from Ground-Based Auroral Observations: The TREx-ATM Framework for Space Weather Applications

Speaker

Emma Spanswick

11:30