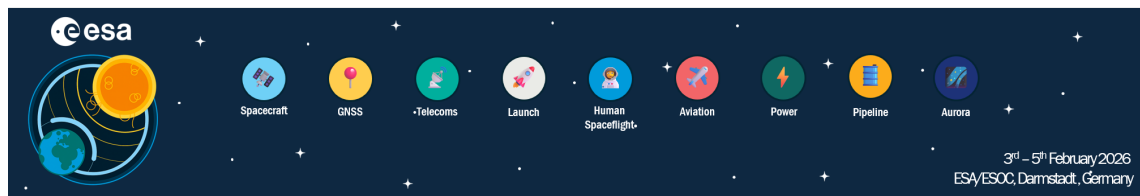


Session Program

3-5 Feb 2026



ESA Space Weather Service Network Workshop 2026

Integrating Data for Next-Generation Tools in Satellite Drag Calculation and Collision Avoidance

ESOC
Robert-Bosch-Strasse 5, 64293 Darmstadt, Germany

Wednesday 4 February

15:00

Integrating Data for Next-Generation Tools in Satellite Drag Calculation and Collision Avoidance

Session | **Location:** ESOC, SWORD room (ESOC Press Centre)

15:00-15:15

Sources of uncertainty in satellite drag predictions, and a way forward

Speaker

BRUINSMA, Sean

15:15-15:30

Operational Solar Flux Observation at the Geodetic Observatory Wettzell

Speaker

MÜHLBAUER, Sebastian

15:30-15:45

Observations of Solar Activity in F10.7 and F30 Radio Bands - ROSIE

Speaker

BIAŁOBLÓCKI, Paweł

15:45-16:00

SODA: Forecasting Solar Storm Impacts on LEO Satellite Altitude

Speakers

KRAUSS, Sandro, STRASSER, Andreas, TEMMER, Manuela, MILOSIC, Daniel

16:00-16:15

Sentinel-1 orbit maintenance and collision avoidance - real world experience of the impact of drag and space weather in LEO

Speaker

ORMSTON, Thomas

16:15-16:30

Open discussion

16:30