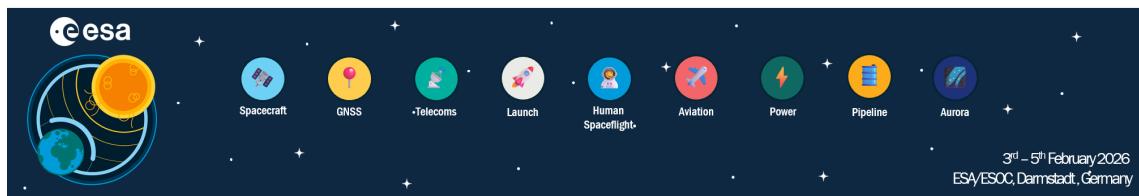


## Session Program

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**

BIAŁOBŁOCKI, Paweł

15:45-16:00

#### SODA: Forecasting Solar Storm Impacts on LEO Satellite Altitude

**Speakers**

KRAUSS, Sandro, STRASSER, Andreas, TEMMER, Manuela, MIOSIC, 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