

# ACES Splinter Meeting

11:00-11:15 Cacciapuoti L (ESA), Salomon C:

## **The ACES Mission**

11:15-11:30 Schäfer W, Feltham S, Aguilar I, Seidel A, Hess MP:

## **Compensation of Ionospheric Effects for Frequency and Time Comparison Using the ACES Microwave Link**

11:30-11:45 Svehla D, Rothacher M, Ziebart M, Salomon C:

## **Galileo on Board the International Space Station and Highly Accurate GNSS/ACES Time and Frequency Transfer Based on Phase Clocks**

11:45-12:00 Bar-Sever Y, Young L, Wu S:

## **Use of BlackJack Receiver for Atomic Clock in Space**

12:00-12:15 Ziebart M:

## **Atmospheric Density Retrieval and the Modeling of Spacecraft Surface Forces.**

12:15 Discussions

Lunch Break

## **Session 13: Other IGS product related topics: time transfer (OTHE3)**

14:15-14:30 Salomon C, Cacciapuoti L, Dimarcq N:

## **The ACES Mission**

14:30-14:45 Montenbruck O, Garcia-Fernandez M:

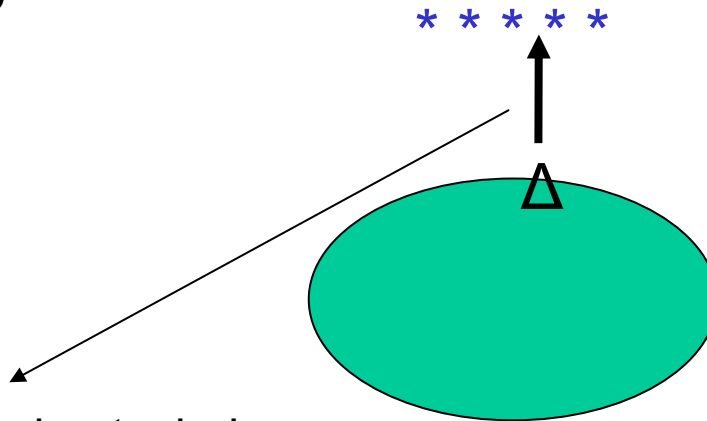
## **Dual-Frequency GNSS Receivers for Space Applications**

# LEO Constellation + ACES for Space Geodesy

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GPS&GALILEO  
satellites

altitude above 1000 km  
≈ 1cm-POD



LEO Constellation+ACES  
IGS Station

Link with following techniques:  
SLR+DORIS+VLBI+MWL