

- **Upstream Solar wind:**

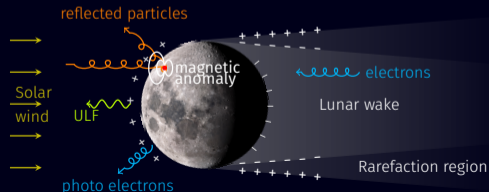
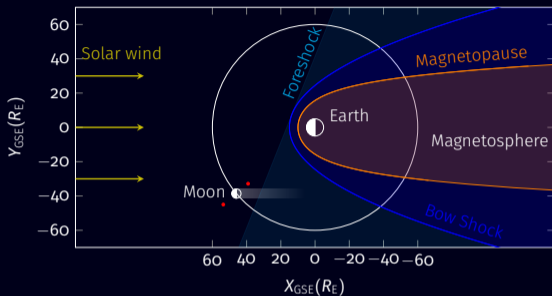
- FS waves propagating to Lunar distances
- large scale SW structures coordinated obs.

- **Distant geomagnetic tail:**

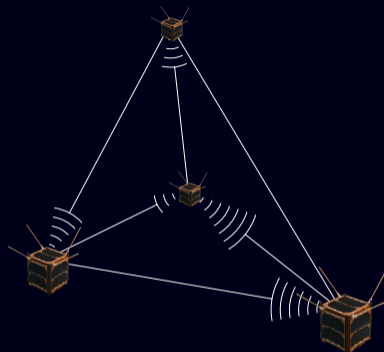
- check the BS and MP models at Lunar distances
- distant reconnection sites during substorms

- **Circumlunar plasma:**

- morphology of Lunar interaction regions
- influence of Solar wind conditions
- influence of the Moon position in the geotail



- **Flux Gate Magnetometer**
 - mounted on long boom on DSG
 - accurate measurements from DC to 100 Hz
 - tested technology
- **Service Orientated Spacecraft Magnetometer**
 - multiple sensors to measure sc generated fields
- **Cubesat fleet**
 - anisotropic magneto-resistance sensors
 - autonomous coordinated flight
 - external docking station with power and data



Technology benefits:

- improve SOSMAG
- test autonomous robotic swarm solutions