SOLAR SYSTEM OBSERVATIONS

The OVSQ research teams have strong expertise in observing the Earth, planets and the heliosphere from space. The LATMOS teams are responsible for the design and development of sensors intended to be carried on board satellites for planetary observation missions (photometers, spectrometers, CCD matrices, time-of-flight mass spectrometers, gas chromatographs, electric antennas). Several of these sensors are part of the national astronomy / astrophysics observation services approved by INSU.

The Solar System Observation Platforms

The solar system observation platforms in which the OVSQ participates are:

- The Mercury exploration platform: BEPI COLOMBO
- The EXOMARS instrument for the characterisation of Martian subsoil: WISDOM
- Instruments for probing the atmospheres of Mars and Venus: SPICAM and SPICAV
- The platform dedicated to measuring the solar diameter: PICARD

» The comet exploration platform: ROSETTA

» The platform for the observation of atmospheric electrical discharges: TARANIS