

**María Ramírez-Nicolás**

**Analysis of dynamic processes on Mars**

In the frame of the project MeigaMetNet Precursor were developed different studies related to three fundamental aspects in the dynamics of Mars. In this sense have been analyzed: the trajectories of charged particles from the solar wind with the magnetic field, the interaction between the solar wind and the Martian ionosphere and the electric field values obtained inside a dust devil by the interaction of dust particles from a new method.