



An update on the Rosetta Mission

Matthew Taylor and the Rosetta Team

European Space Agency, ESTEC, Keplerlaan 1, Netherlands (mtaylor@rssd.esa.int)

The Rosetta Mission is the third cornerstone mission (after XMM and Cluster/SOHO) of the ESA programme Horizon 2000. The aim of the mission is to map the comet 67-P/Churyumov-Gerasimenko by remote sensing, to examine its environment insitu and its evolution in the inner solar system. The lander Philae will be the first device to land on a comet and perform in-situ science on the surface. Launched in March 2004 and after a number of gravity assists and various asteroid fly –bys, the spacecraft entered deep space hibernation in June 2011. Nearly 10 years after launch on 20th January 2014 at 10:00 UTC the spacecraft woke up from hibernation to get ready for comet rendez-vous. This presentation will provide a brief overview of the mission up to date and provide an insight into the exciting years we have ahead of us as Rosetta reaches and studies its target.