



## **Mars Express – Over 10 Years in Orbit Around Mars**

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The ESA Mars Express mission was launched more than a decade ago, reaching its working orbit around Mars in January 2004. All the instruments and subsystems onboard the spacecraft are still in working order. As the first European planetary mission, Mars Express has been providing exciting new scientific results on all fields of Mars science, including the interior structure of the planet, its surface mineralogy and geological processes, its atmospheric dynamics and chemistry, the interaction of its upper atmosphere with the solar wind, as well as the geodesy of its satellite Phobos. Also, Mars Express has contributed to pave the way for future European Mars Exploration, including the Trace Gas Orbiter to be launched in 2016, the ExoMars rover in 2018 and further exploration in 2020 and beyond. Among the abundant Mars Express scientific results, the Top-10 scientific highlights of the mission will be presented, addressing all areas of Mars investigation from orbit.