



Samstag, 09.09.2017

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**ExoMars 2016:
Start nach 15 Jahren Planung**

Beginn 20:00 Uhr

ExoMars vom Start 2016
bis zum geplanten Missionsende 2022

ExoMars 2016 Mission Phases Overview	
Launch	14 March 2016
Schiaparelli – Trace Gas Orbiter separation	16 October 2016
Trace Gas Orbiter insertion into Mars orbit	19 October 2016
Schiaparelli enters Martian atmosphere to land on Mars	19 October 2016
Schiaparelli science operations begin	19 October 2016
Trace Gas Orbiter changes inclination to science orbit (74°)	January 2017
Apocentre reduction manoeuvres (from the initial 4-sol orbit to a 1-sol orbit)	January 2017
Aerobraking phase (Trace Gas Orbiter lowers its altitude to 400 km circular orbit)	March 2017 - March 2018
Superior solar conjunction (critical operations are paused while the Sun is between Earth and Mars)	11 July - 11 August 2017
Trace Gas Orbiter science operations	March 2018 - December 2019
Trace Gas Orbiter starts data relay operations to support NASA landers on Mars	March 2018
Start of the Trace Gas Orbiter data relay operations to support communications for the rover mission and for the surface science platform	2021
End of Trace Gas Orbiter mission	December 2022

<http://exploration.esa.int/mars/46124-mission-overview/>

Am 14.3.2016 startete ExoMars 2016, die neue Mars-Mission der ESA. Dem Start gingen eine komplexe, 15 Jahre lange Planungsphase voraus, während der das Projekt mehrfach vor dem Aus stand. Die zu überwindenden Schwierigkeiten waren dabei keineswegs nur technischer Art.

Beachten Sie bitte auch unsere Website im Internet

<http://www.vsda.de>