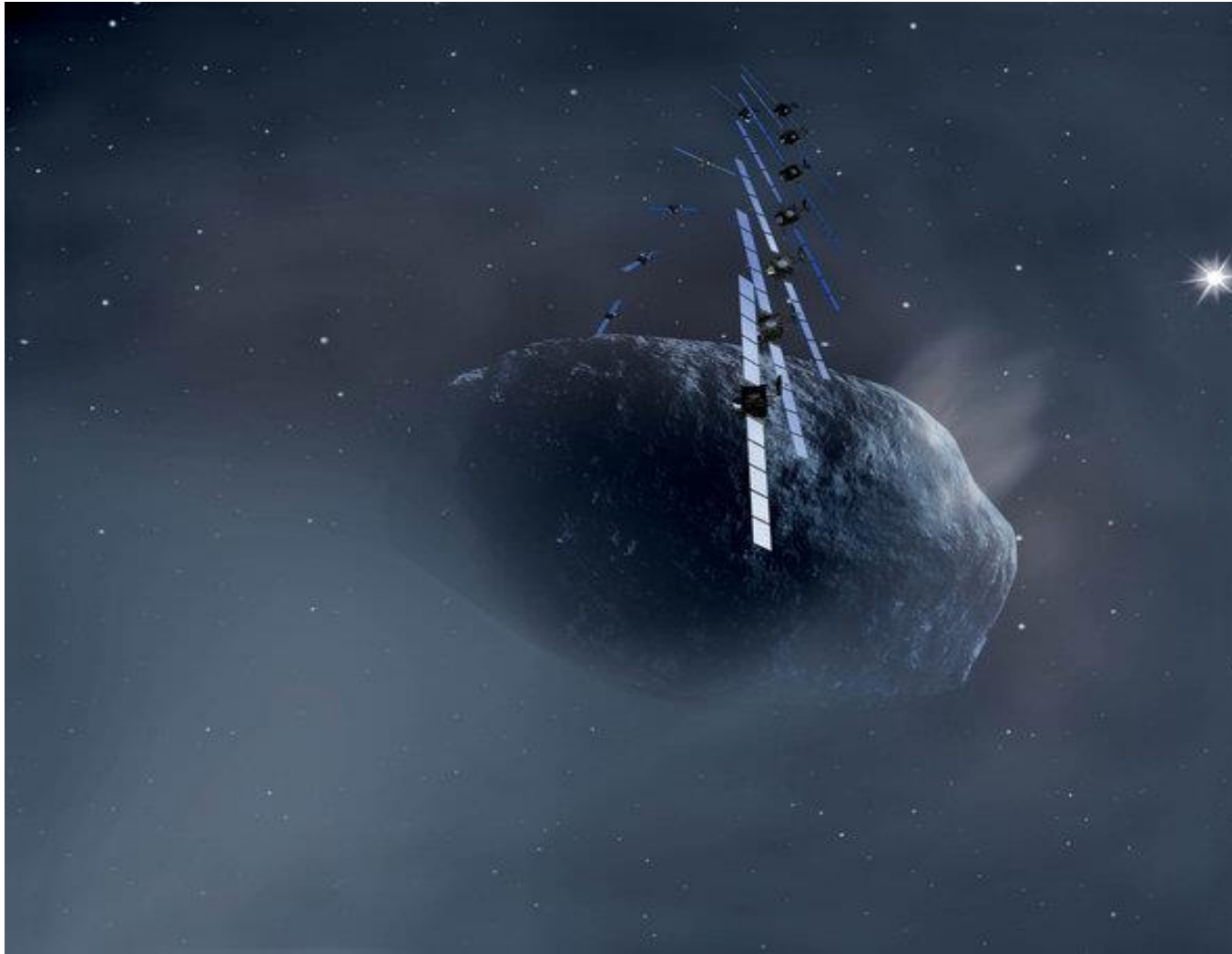


Rosetta orbiting Comet 67P/Churyumov-Gerasimenko

November 8th, 2014



Rosetta's 11-year expedition began in March 2004, with an Ariane 5 launch from Kourou in French Guiana, and the spacecraft was then sent on its way towards the outer Solar System. The long journey includes three gravity assists at Earth (2004, 2007, 2009), one at Mars (2007), and two asteroid encounters: (2867) Steins (2008) and (21) Lutetia (2010).

Rosetta arrived to the comet in August 2014, and will be the first mission ever to orbit a comet's nucleus and to deliver a lander, called Philae, on its surface. This will happen on November 12th, 2014. Follow Rosetta's trip here: http://sci.esa.int/where_is_rosetta/

As Rosetta is ready to perform the historic comet landing you can use the new teaching materials prepared by ESA (Oct. 2014) in your classrooms (or to support your teachers to work with these materials). The links below include introductory videos also.

http://www.esa.int/Education/Teach_with_Rosetta/Marble-ous_ellipses_-_speed_and_time_of_orbiting_bodies_Teach_with_space_P02

http://www.esa.int/Education/Teach_with_Rosetta/Cooking_a_comet_-_ingredients_for_life_Teach_with_space_P06

Follow the first landing process on a comet ever from OpenDiscoverySpace and Inspiring Science Education platforms <http://www.opendiscoveryspace.eu/news/rosetta-rendezuous-comet-697664>