

Rosetta End of Mission

Rosetta Mission Introduction



European Space Agency

The Rosetta Mission - why?



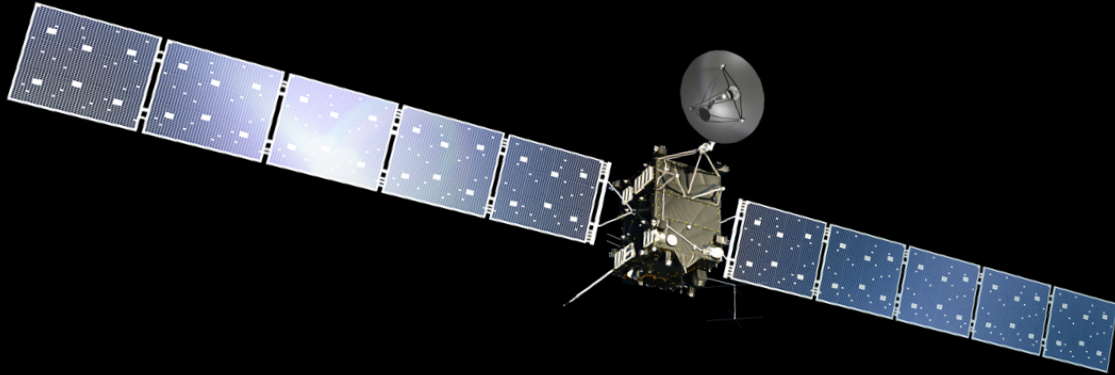
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The Rosetta Mission - why?



SCIENCE

That is why!!!

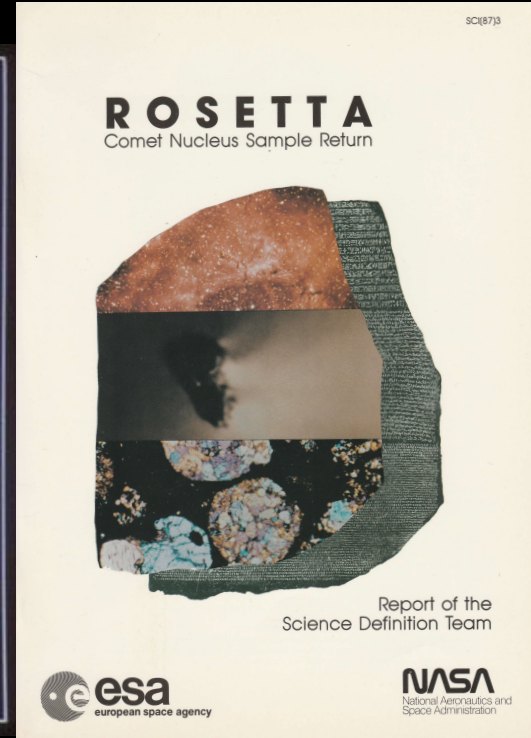
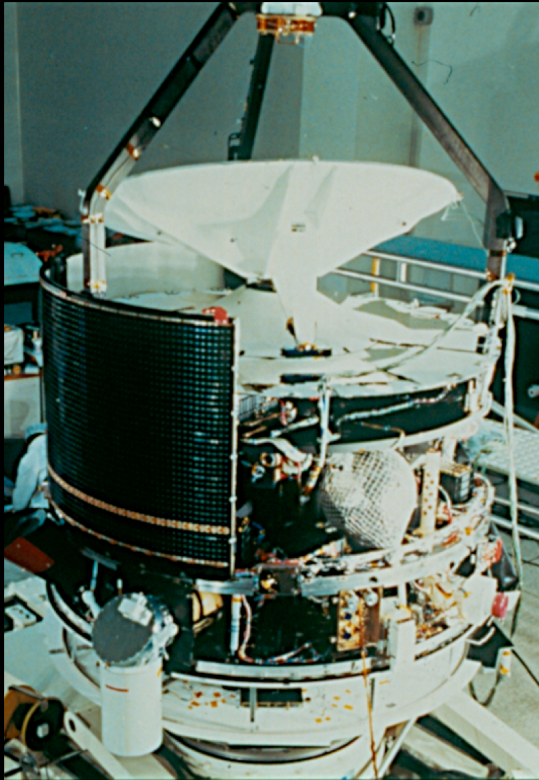


The Rosetta Mission - why?



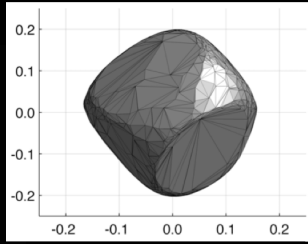
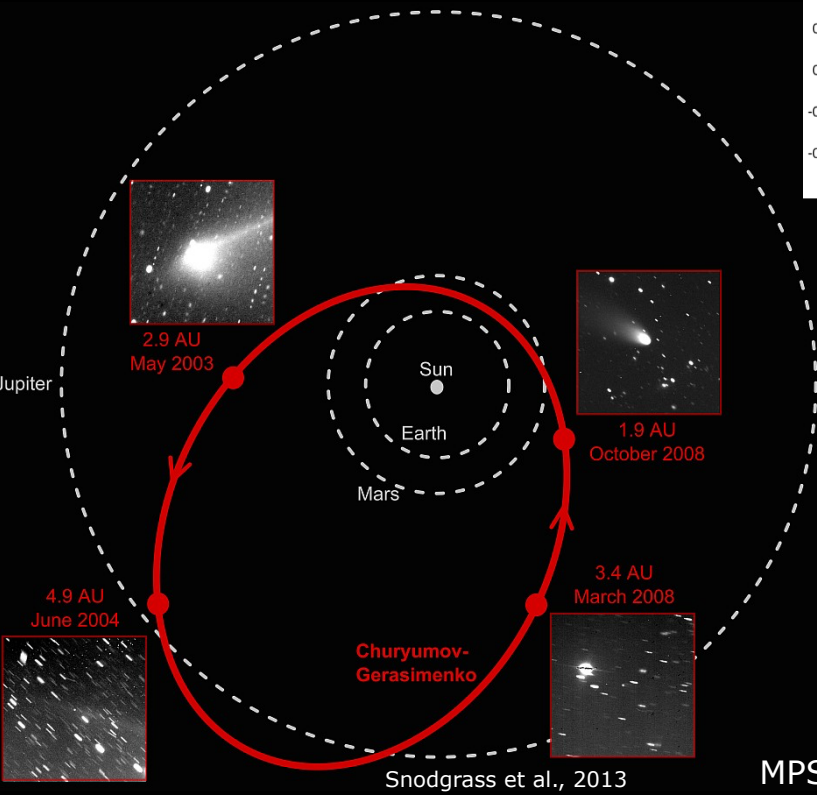
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The Rosetta Mission – from where?

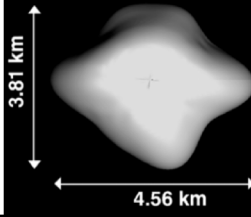


The Rosetta Mission – where to?

Target: 67P/Churyumov-Gerasimenko



Lowry et al., 2012



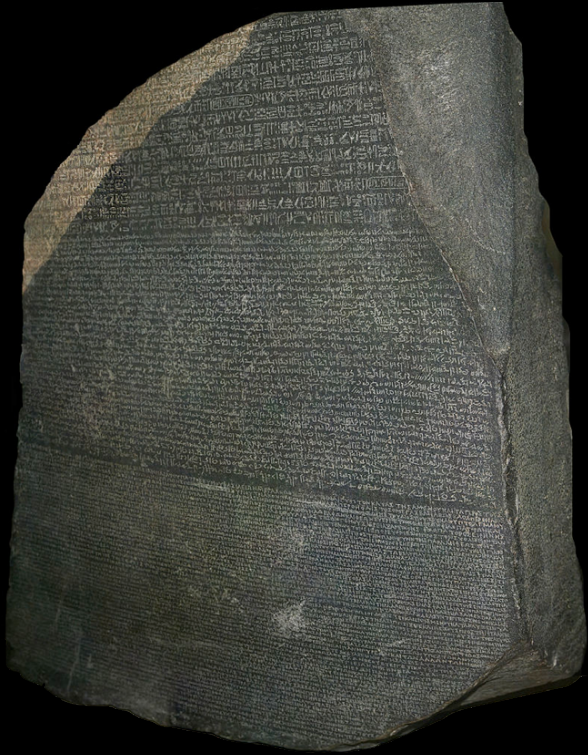
Lamy et al., 2007



MPS



The Rosetta Mission – Rosetta and Philae



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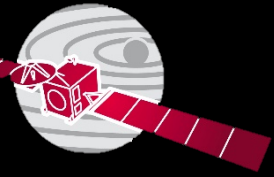


The Rosetta Mission – Key mission aspects



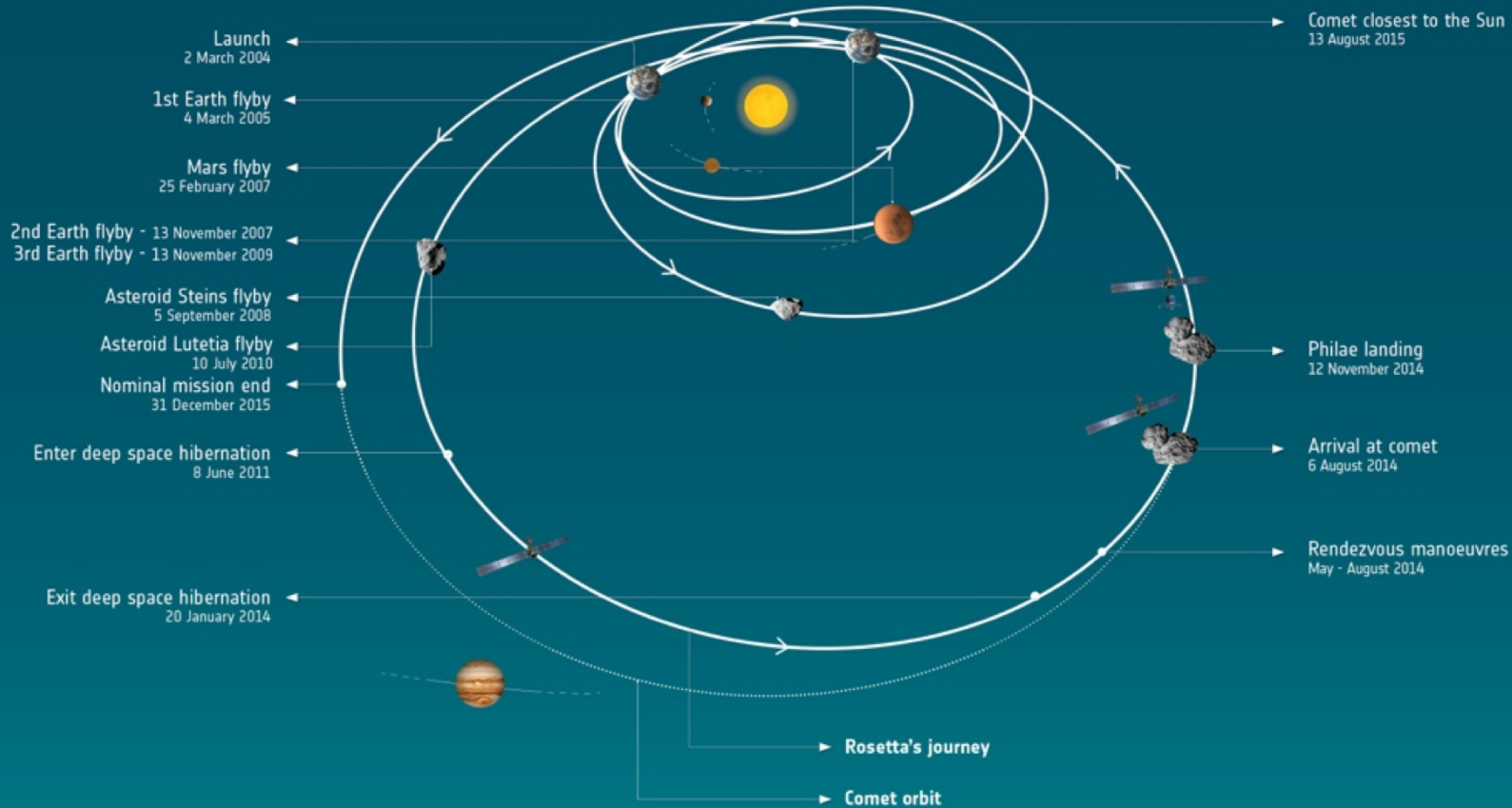
- First to Rendezvous with a comet
- First to ESCORT a comet through its journey through the inner solar system
- First to deploy a lander to the surface of a comet

The Rosetta Mission – Prime Science goals at the comet



- Create a perfect portrait
- Investigate its composition
- Detail its physical properties
- See how it interacts with the Sun
- Find out where it came from and how this fits with the solar system in general

The Rosetta Mission – the journey



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Rosetta – connecting the Earth to other comets through amateur and professional astronomers



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The Rosetta Mission – Collaboration



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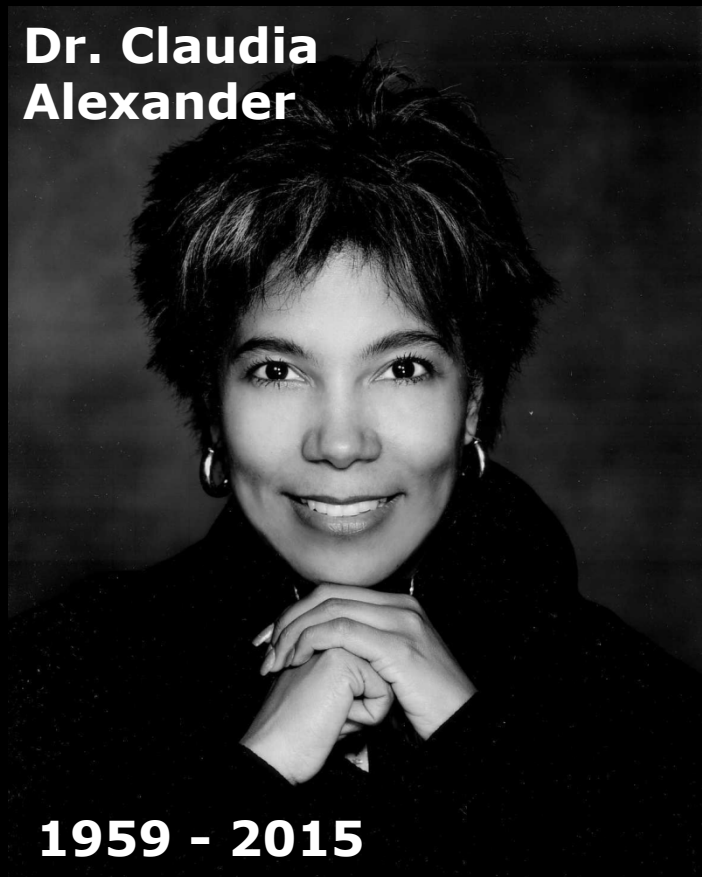
The Rosetta Mission – A Happy Team / Family



The Rosetta Mission – Family losses

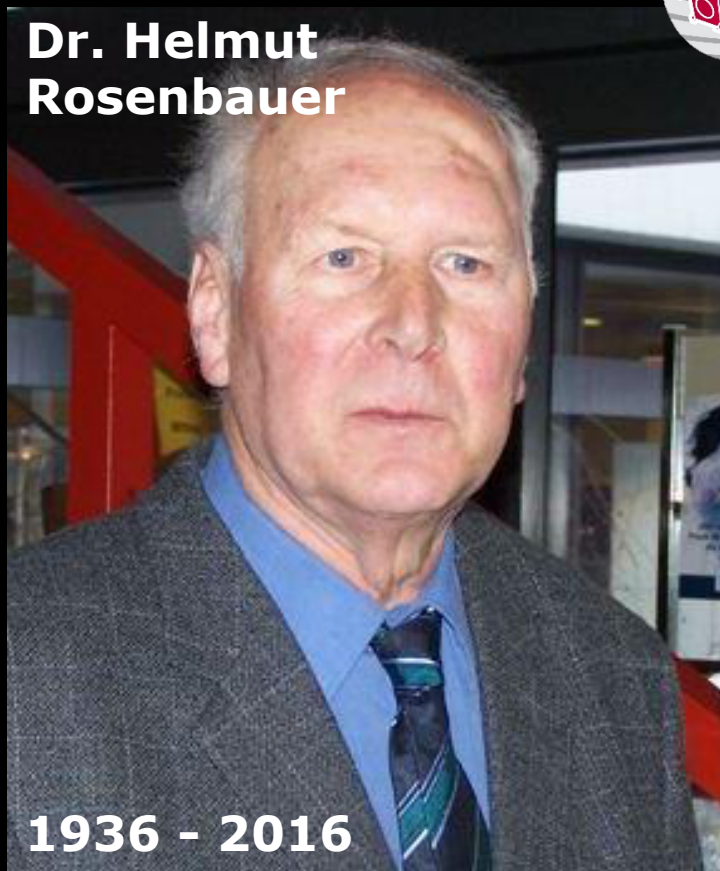


**Dr. Claudia
Alexander**



1959 - 2015

**Dr. Helmut
Rosenbauer**



1936 - 2016

The Rosetta Mission – A Happy Team / Family



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The Rosetta Mission – Science so far

