



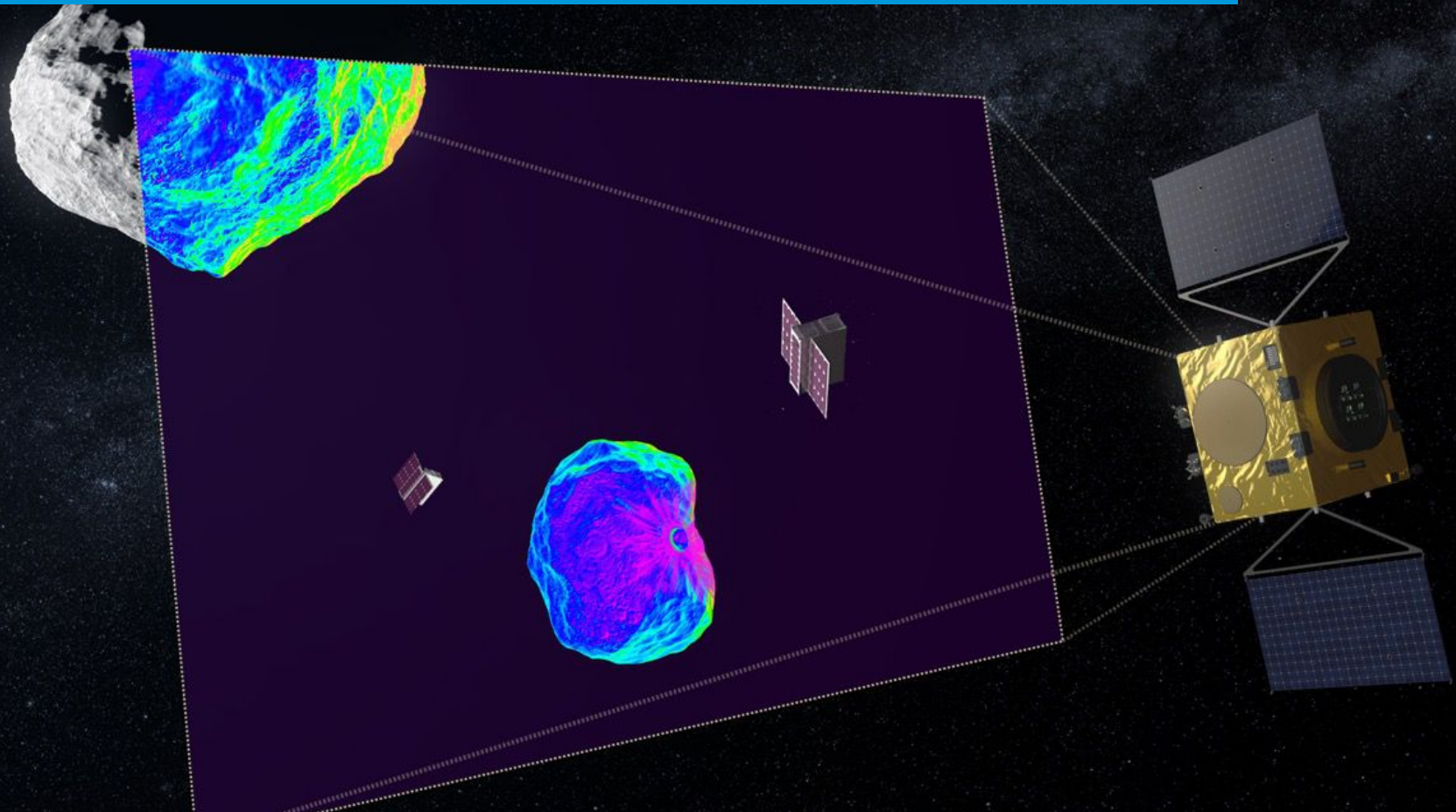
33 MINUTES WITH
MICHAEL KUEPPERS

An Asteroid Day Special



TUESDAY, 30 JUNE 2020
@ 10AM CEST

How to deflect an asteroid? The Mission Hera



A recent asteroid explosion

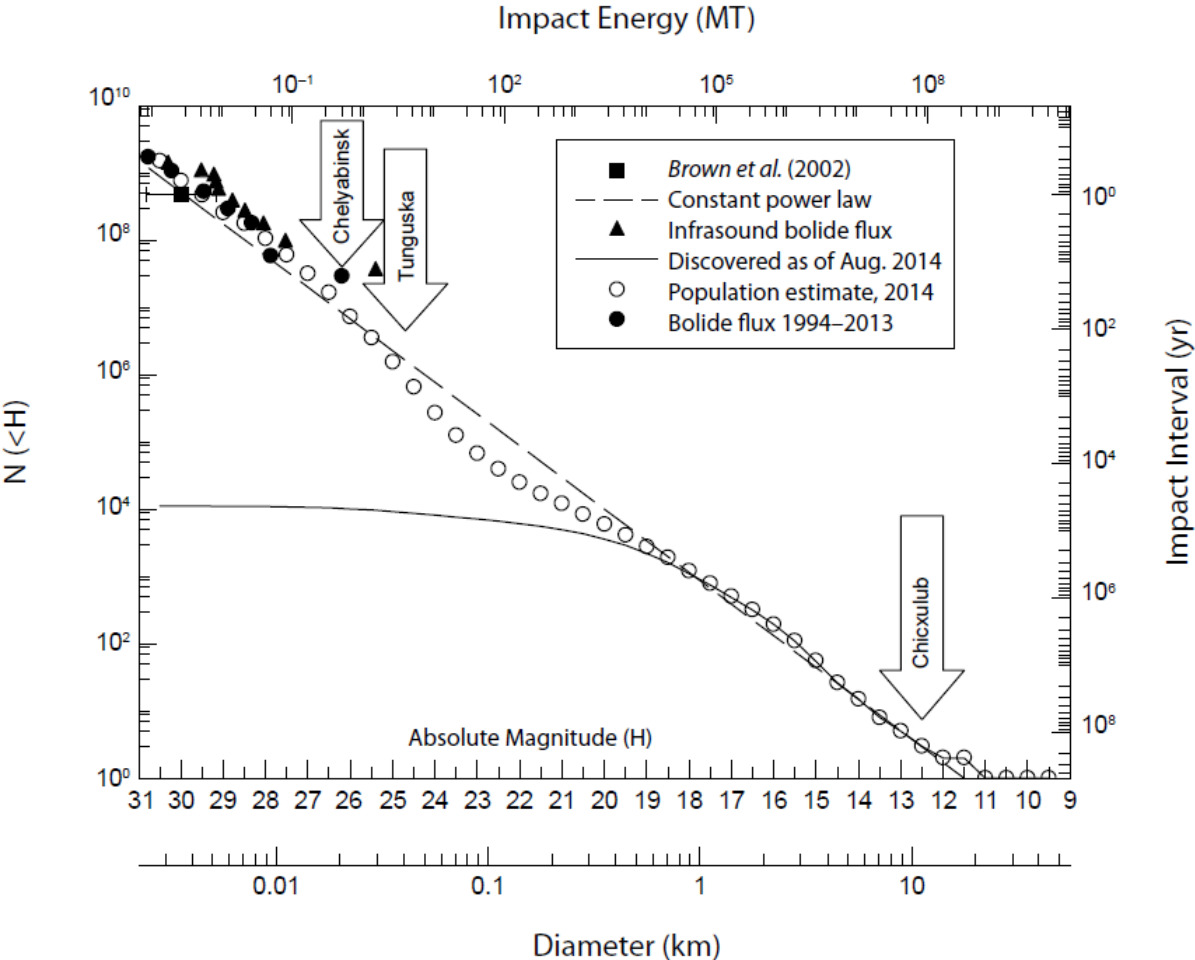


Chelyabinsk, February 2013

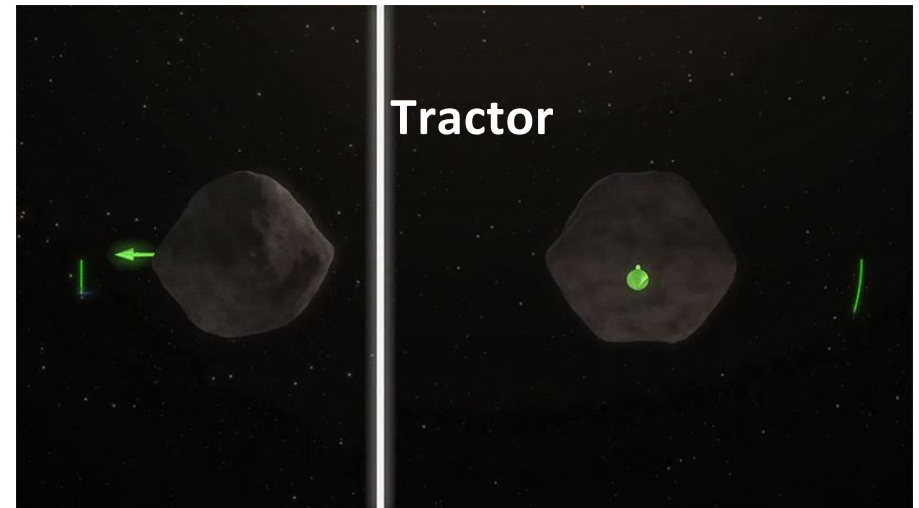
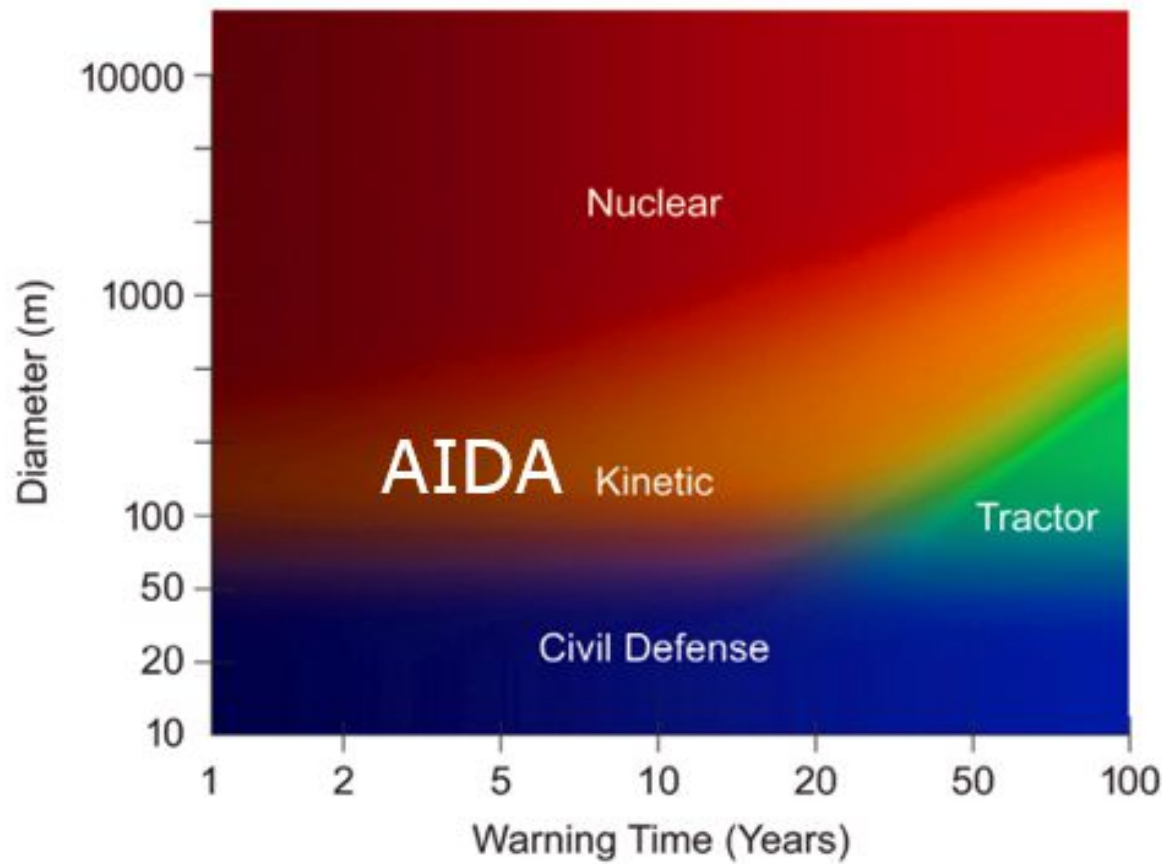
A meteorite from the impactor



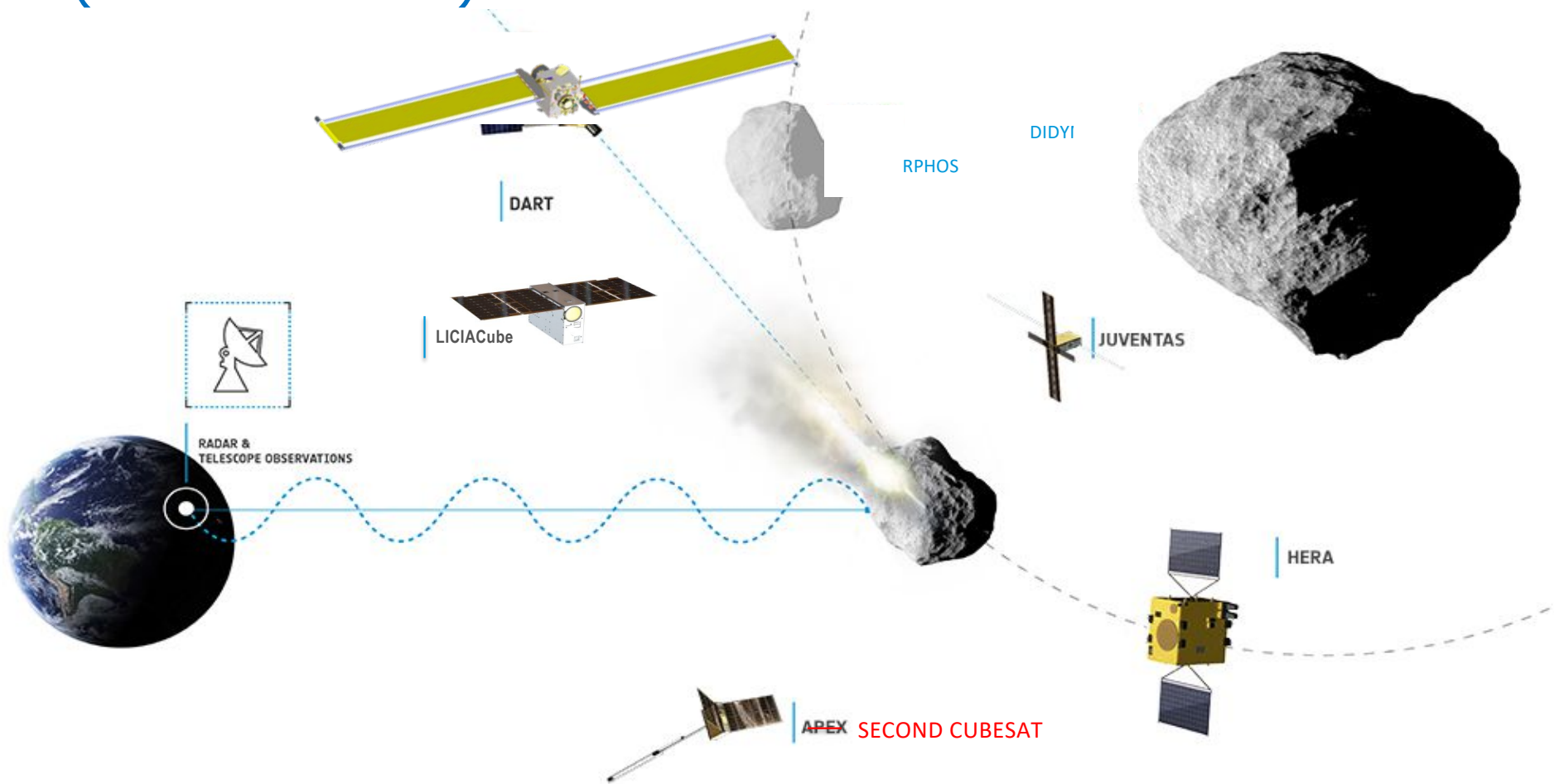
The asteroid impact risk



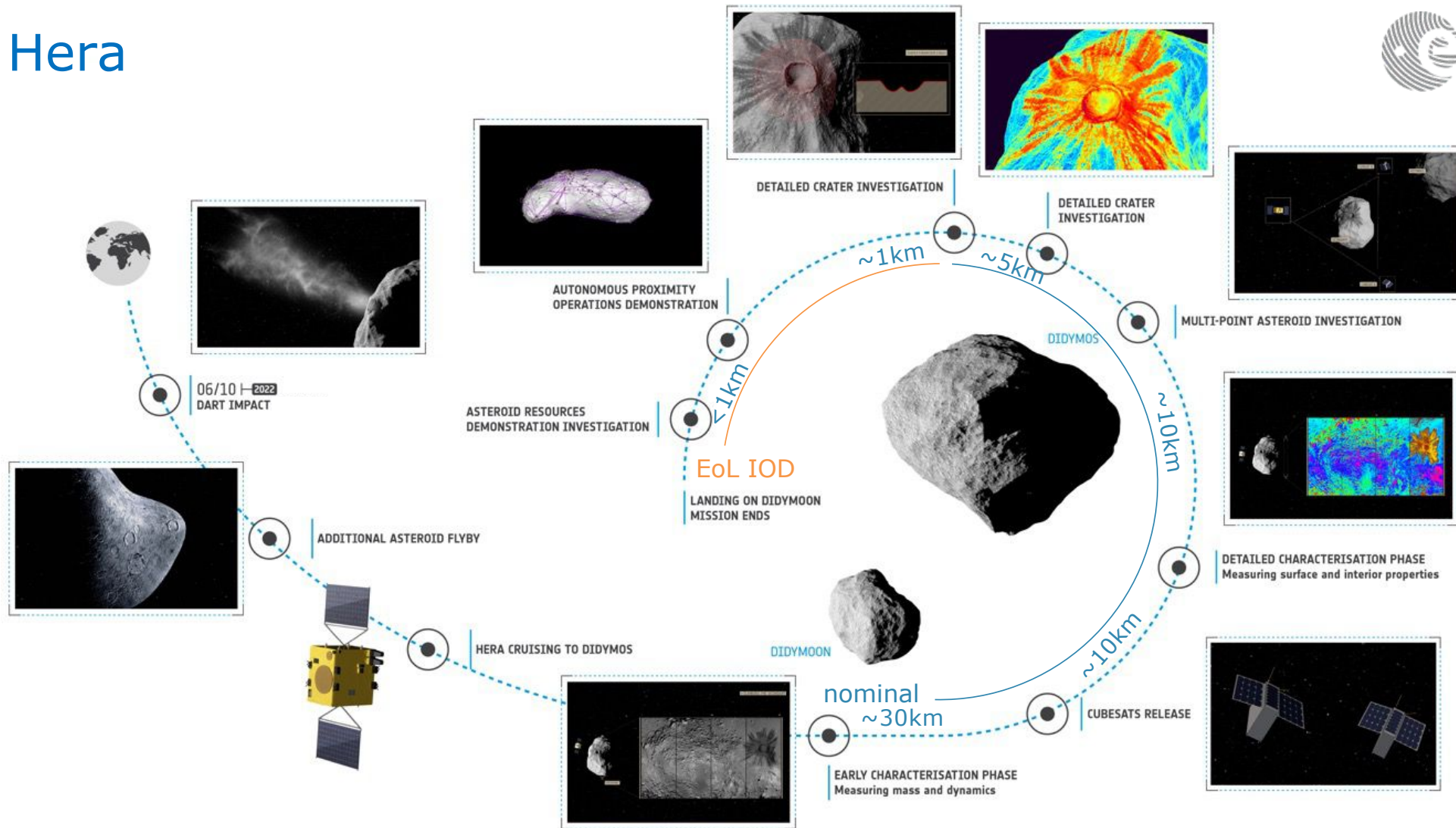
Methods of asteroid deflection



AIDA: Collaboration between NASA (DART mission) and ESA (Hera mission)



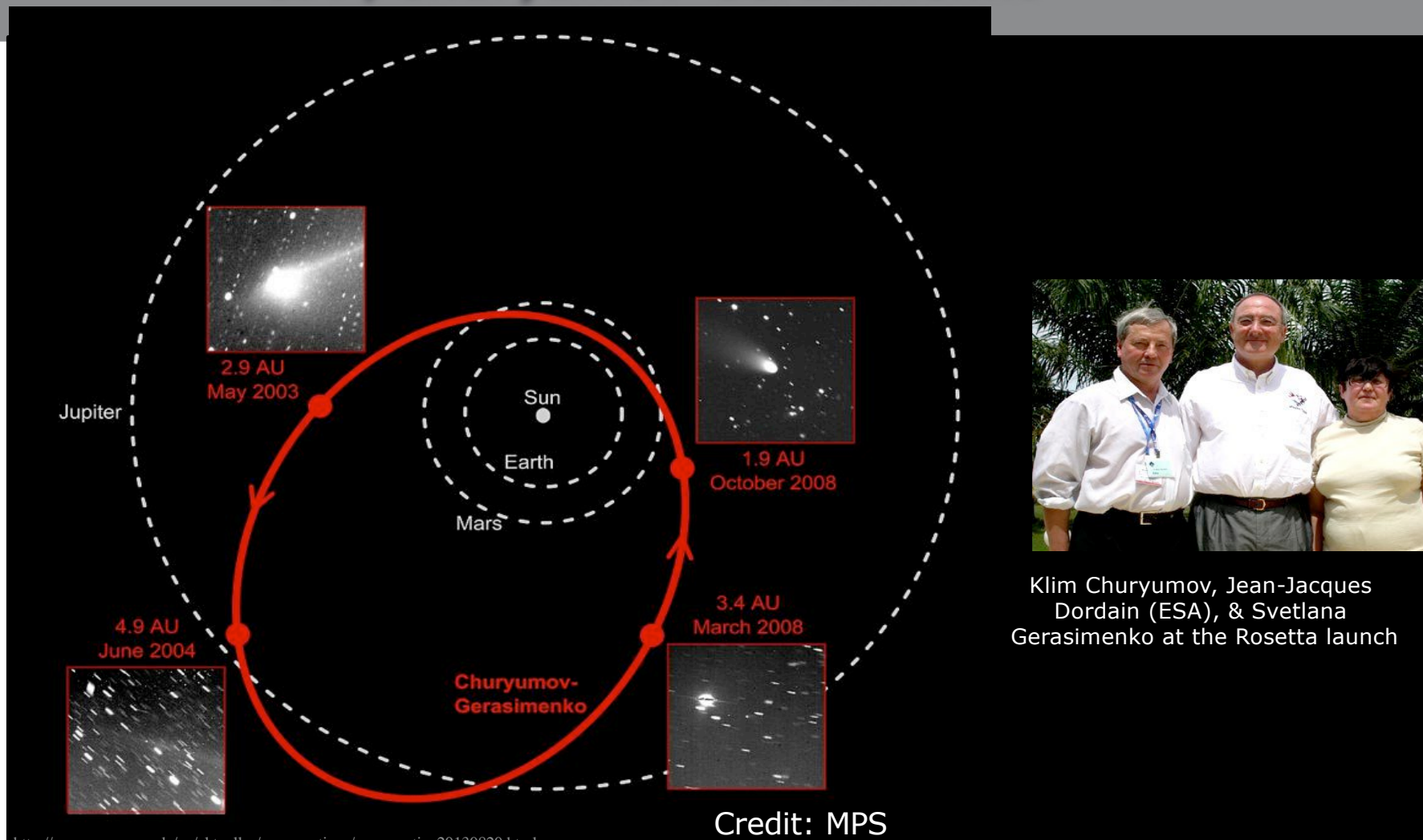
Hera



Rosetta

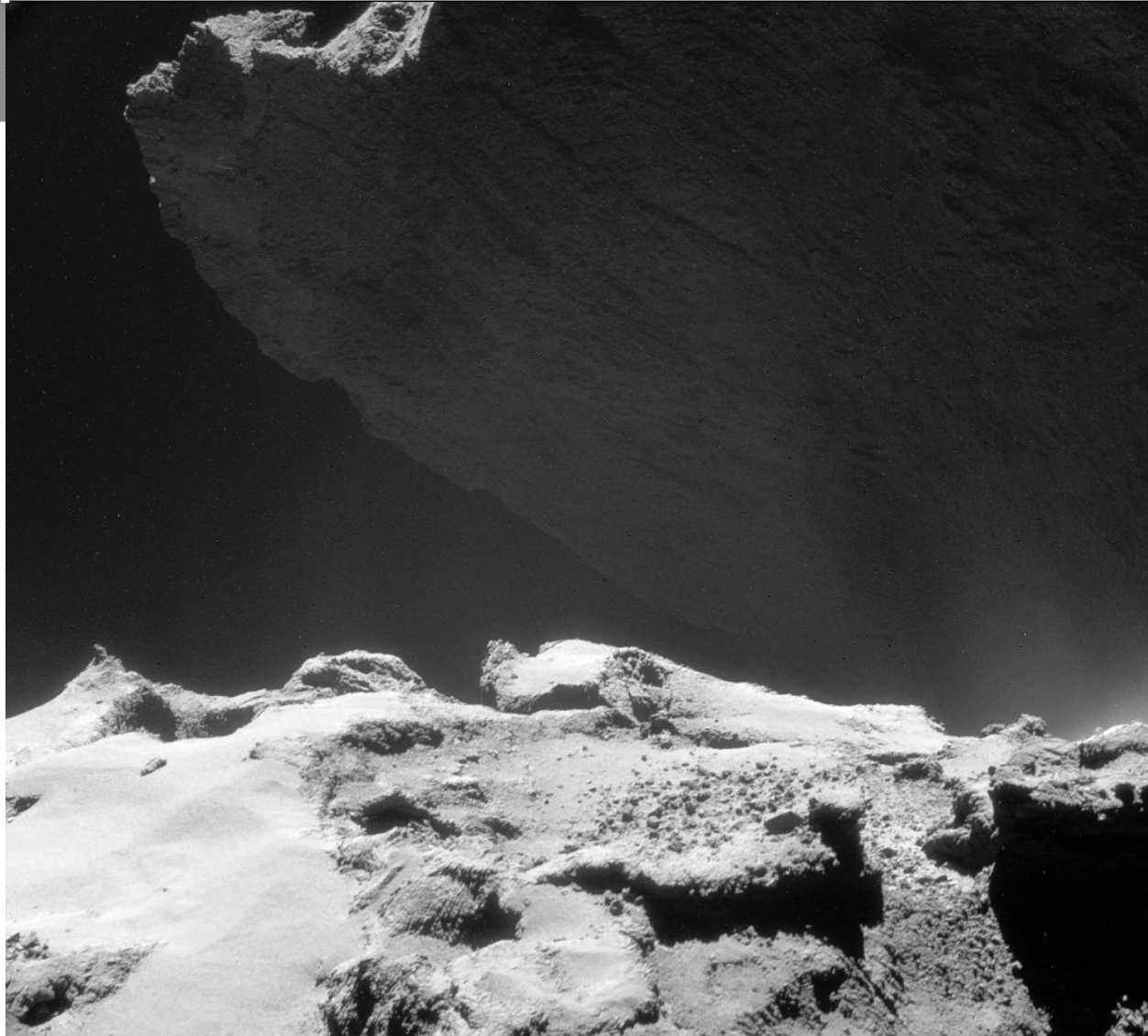


Orbit of 67P/Churyumov-Gerasimenko

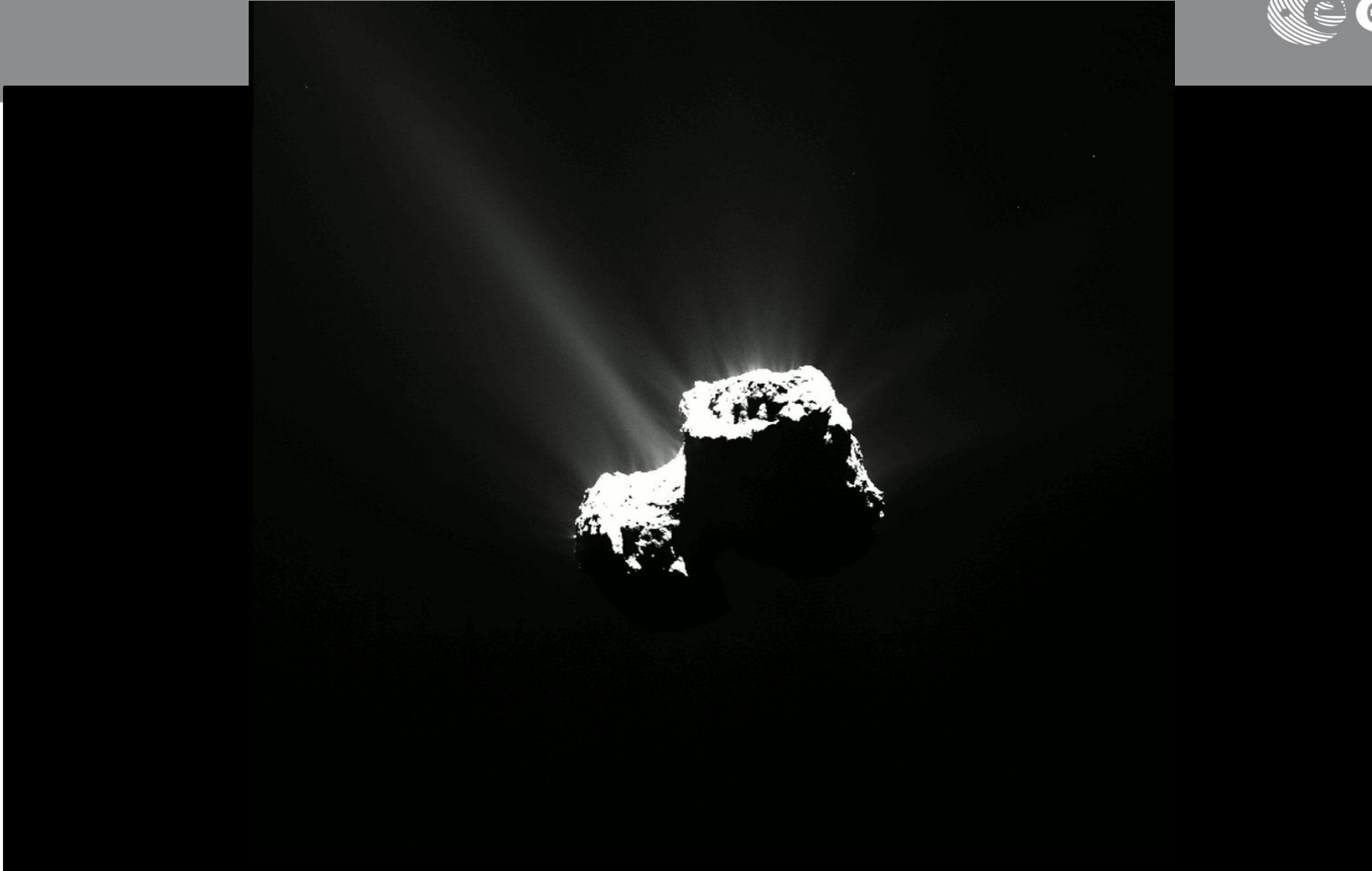


Klim Churyumov, Jean-Jacques Dordain (ESA), & Svetlana Gerasimenko at the Rosetta launch

Close-up of Comet cliffs



Comet activity



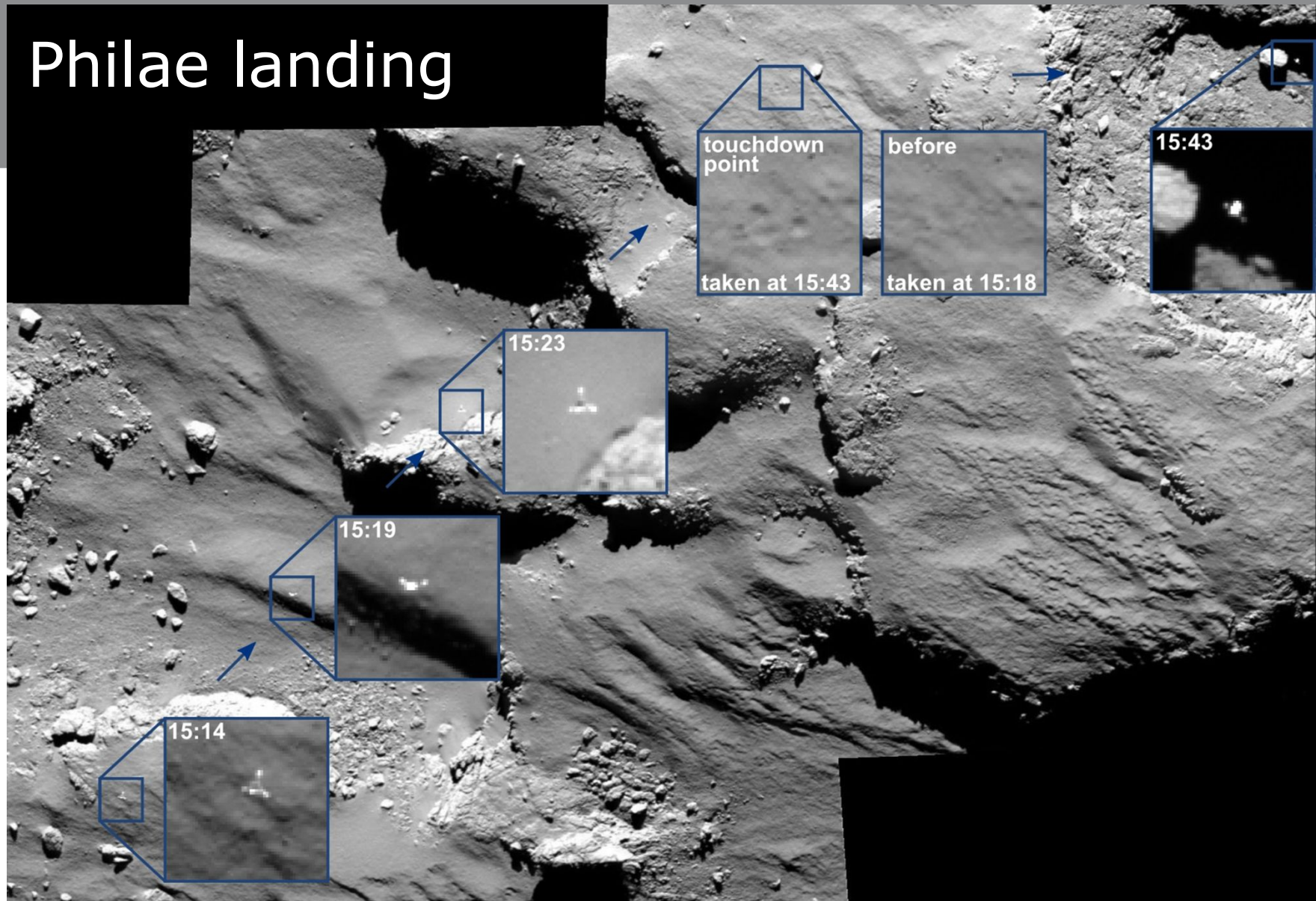
Comet activity: Big particles!



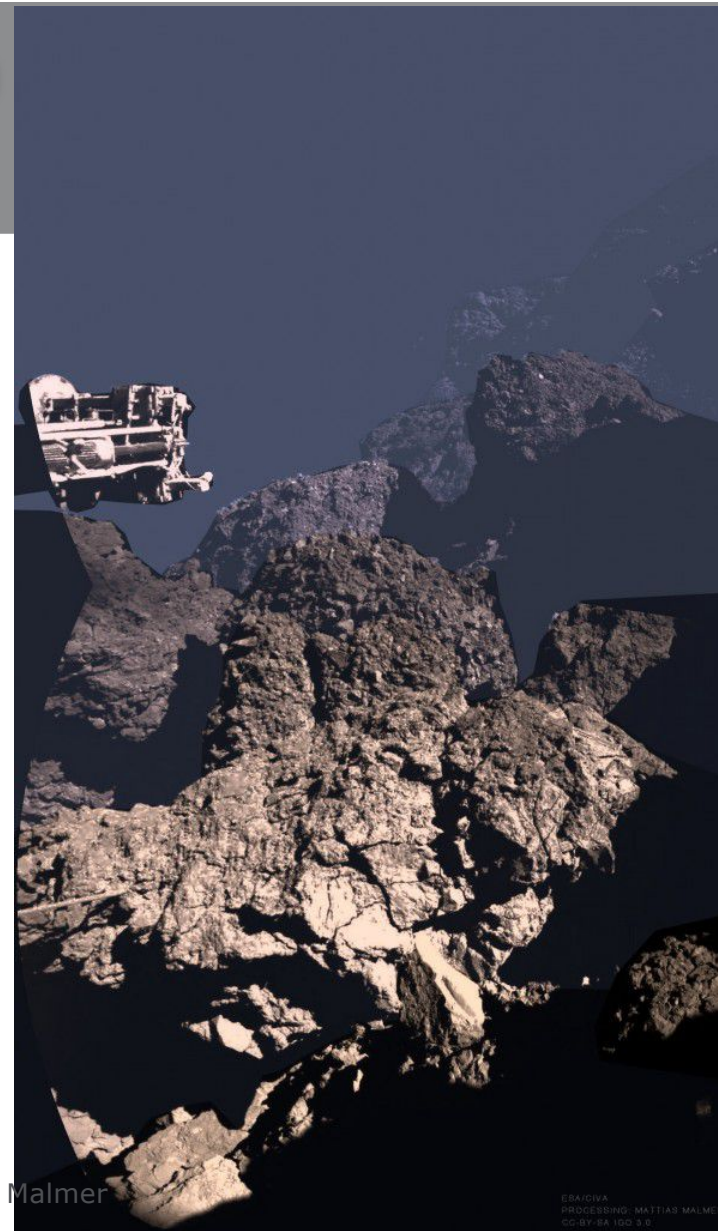
Space Agency

Philae landing

esa



Philae landing site panorama

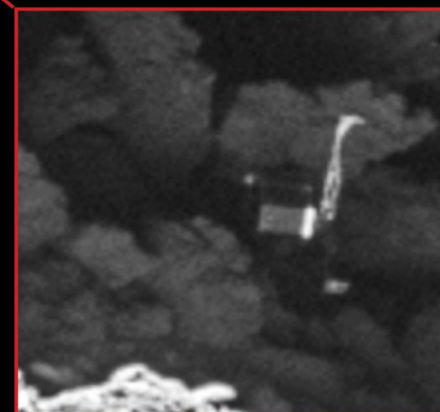
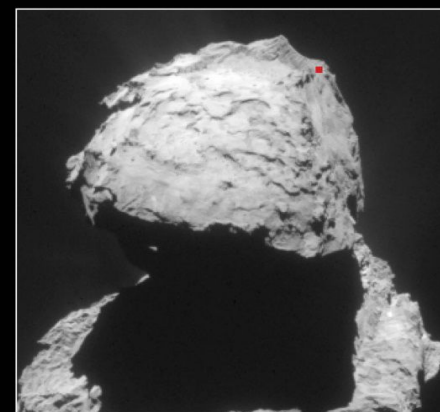
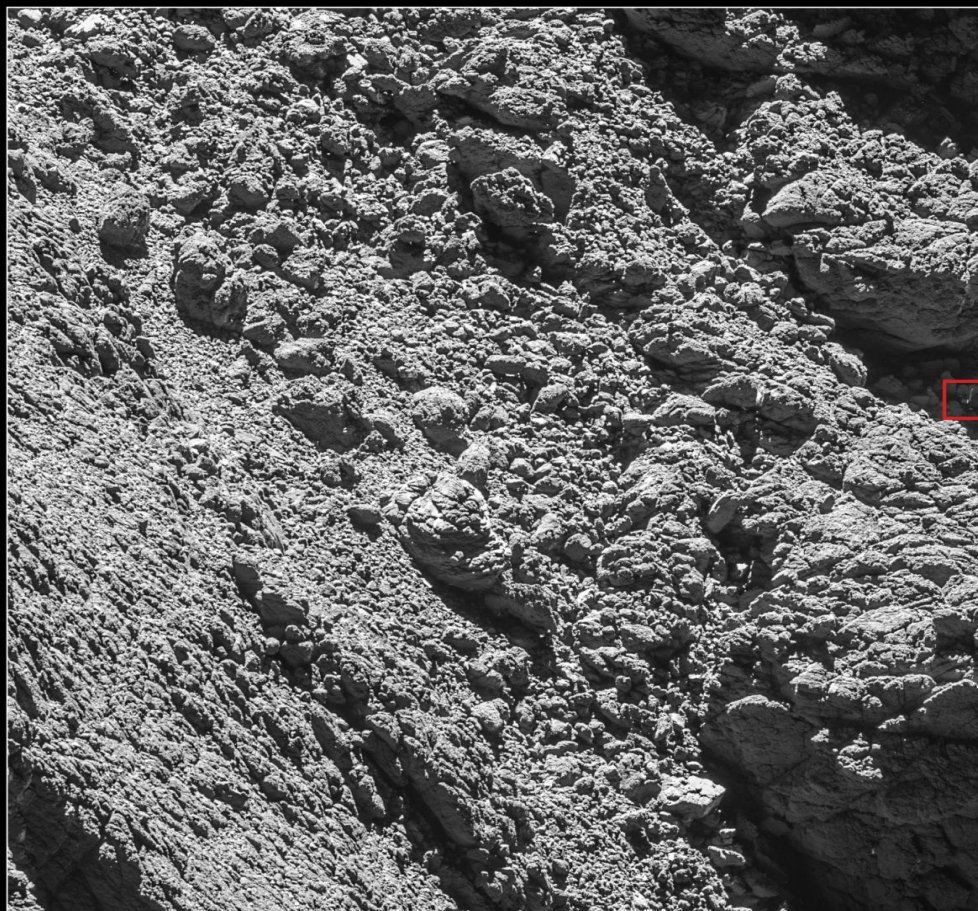


Source: Mattias Malmer

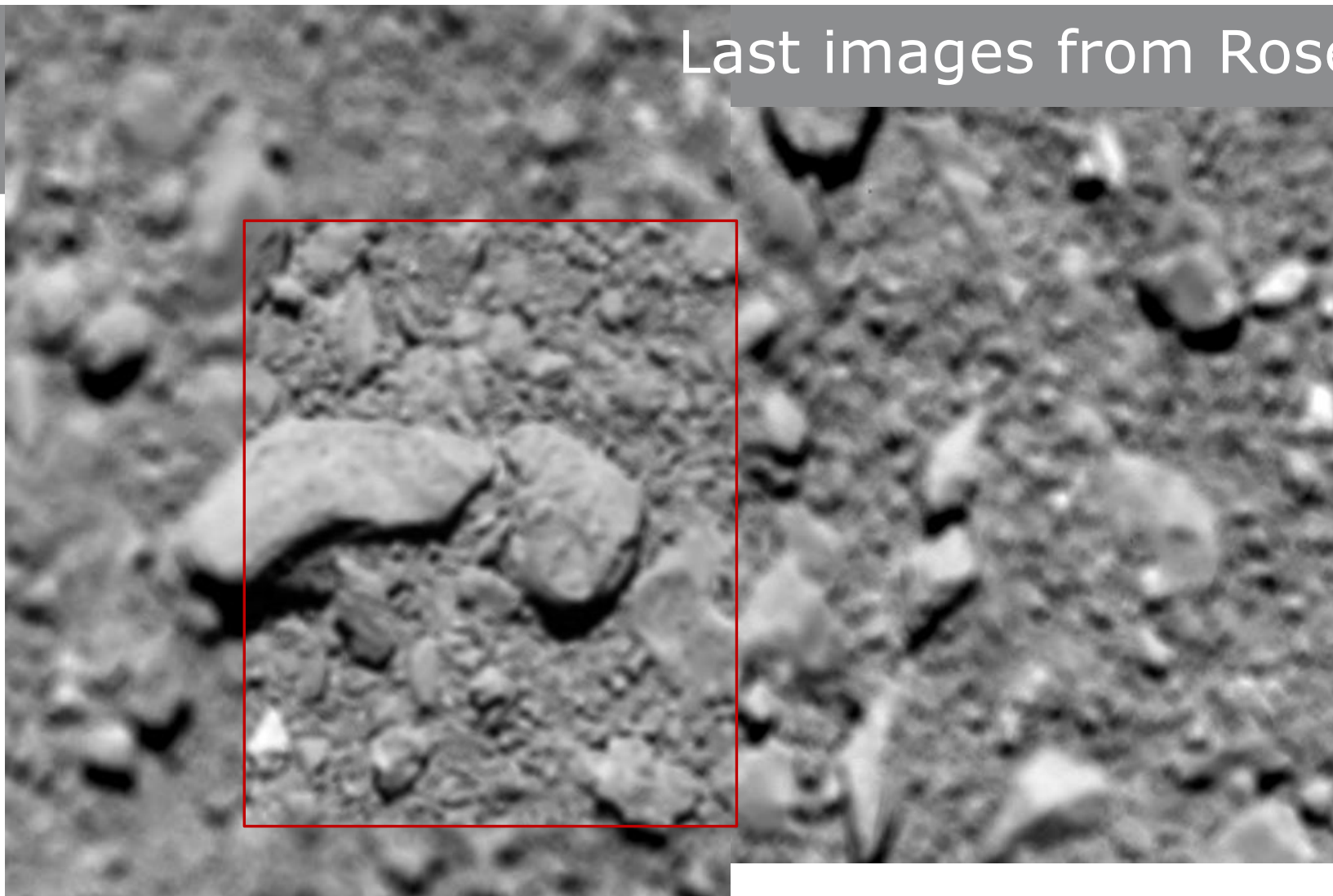
European Space Agency

ORAOVA
PROCESSING: MATTIAS MALMER
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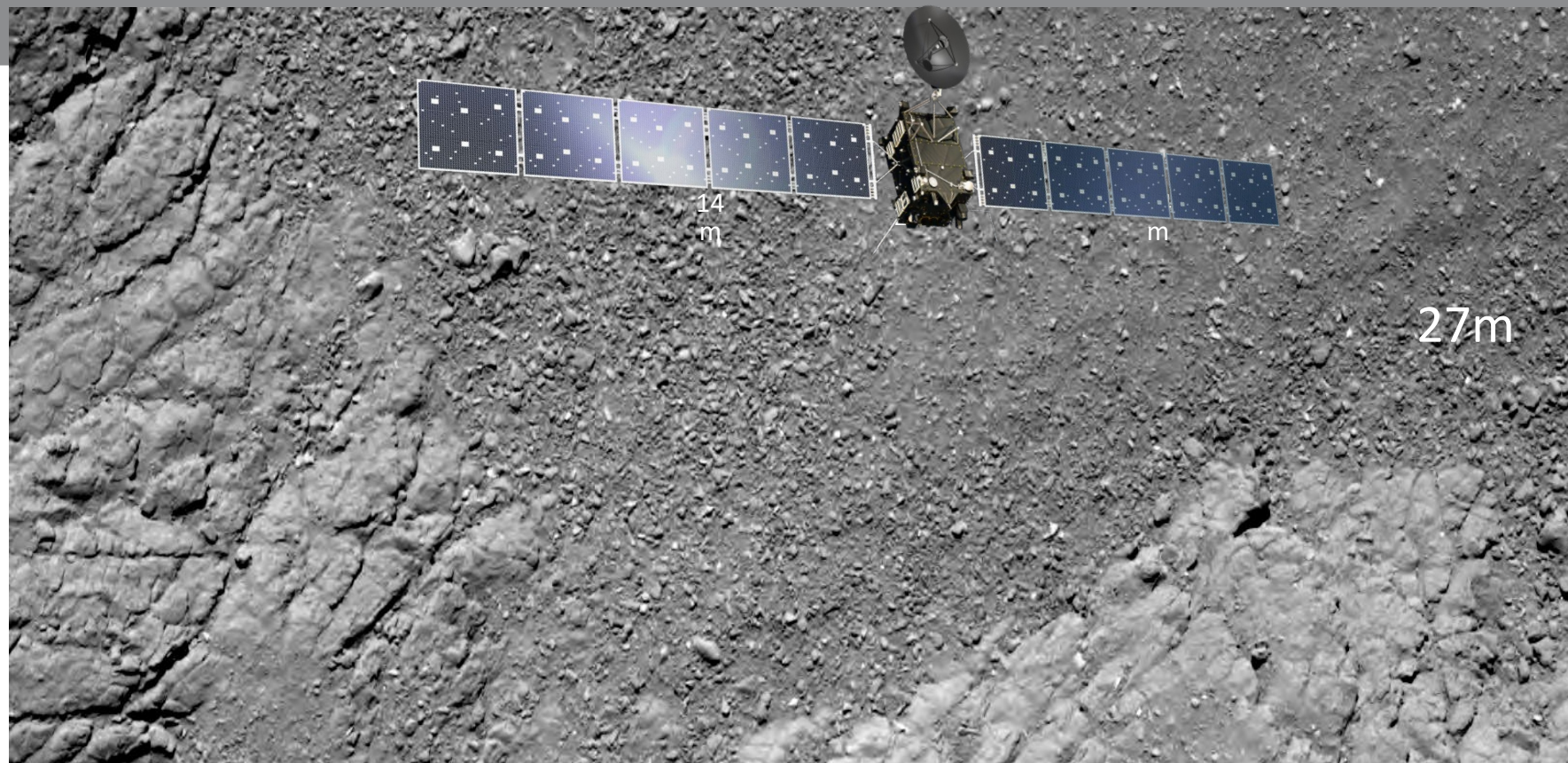
Philae found on Chury!



Last images from Rosetta



End of mission



69m