

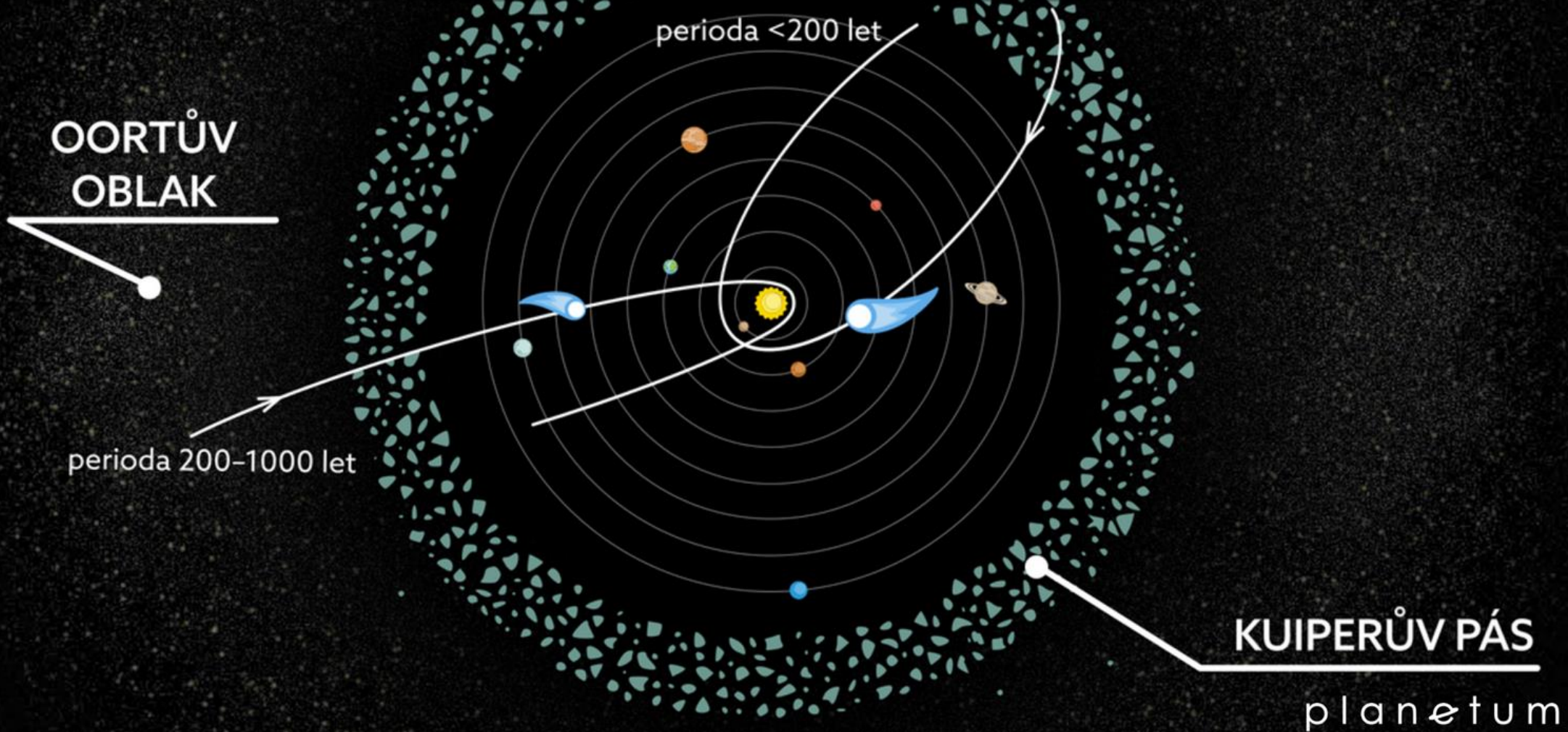


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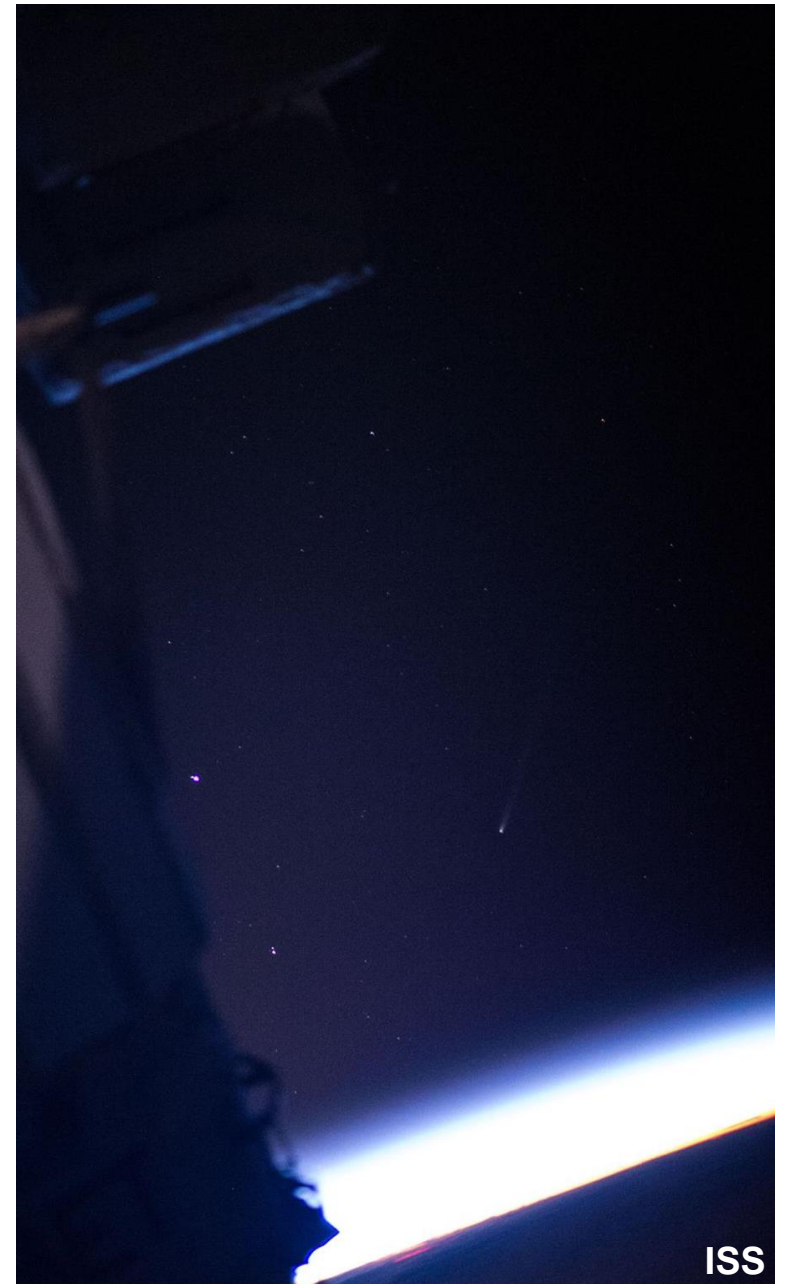
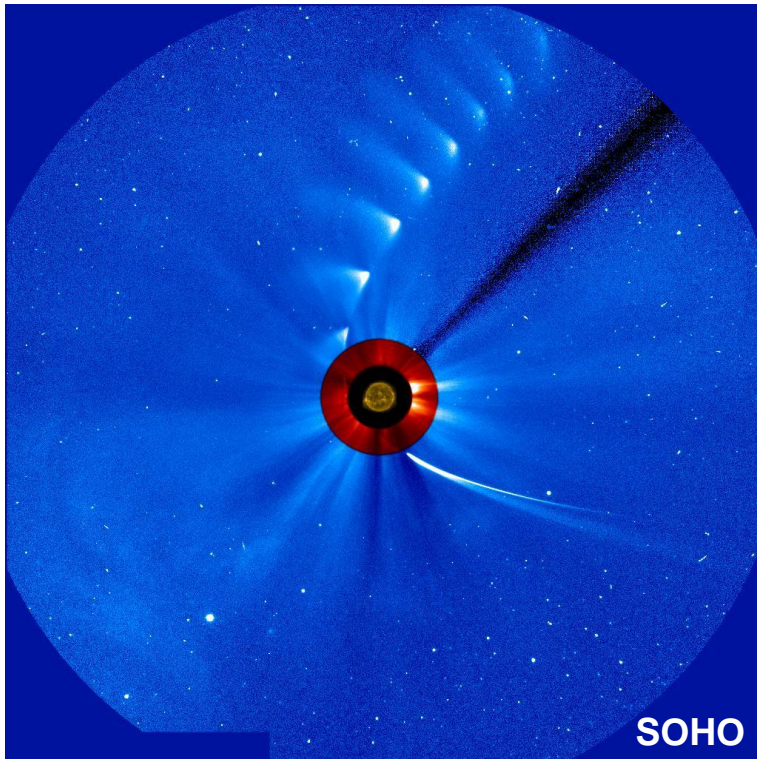
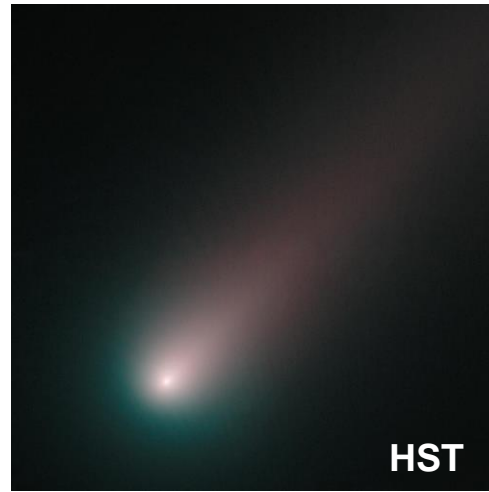
Život komet

Vojtěch Dvořák

KDE SE RODÍ KOMETY



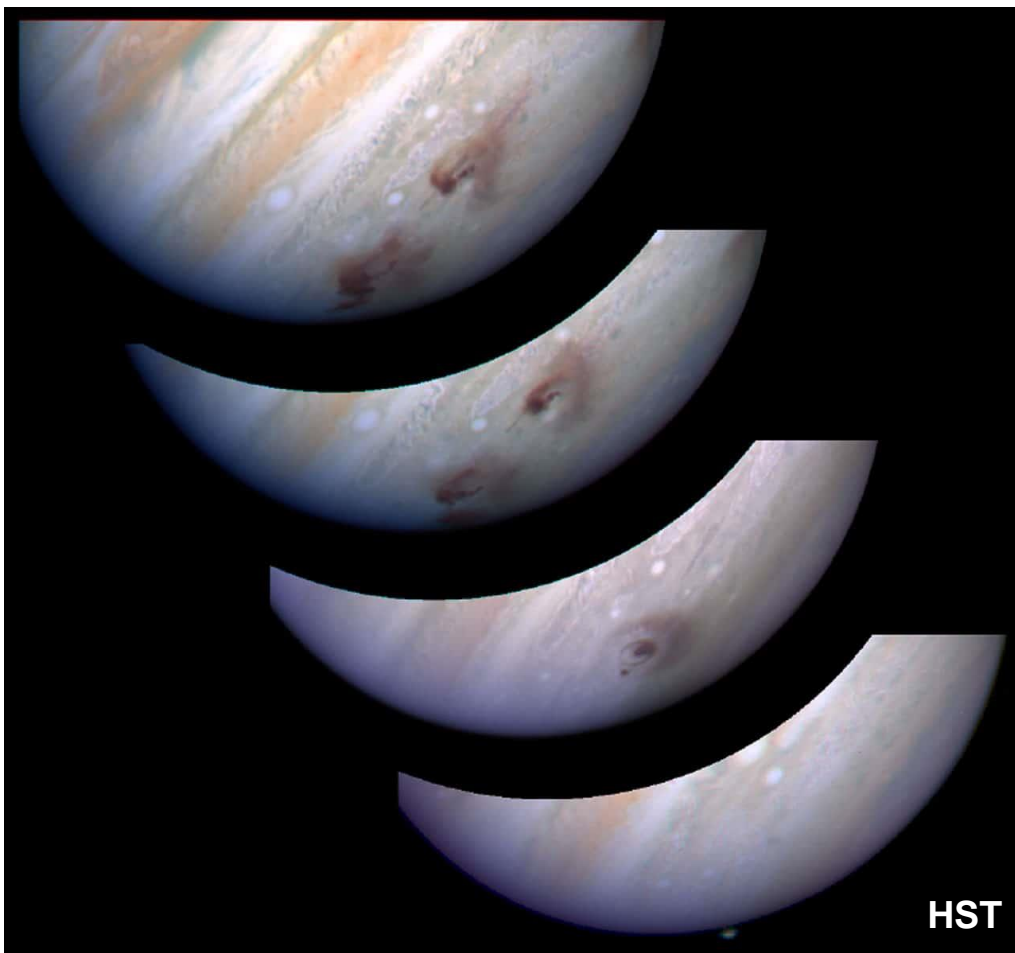
C/2012 S1 (ISON)



27.01.2023

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Shoemaker-Levy 9 (D/1993 F2)



CO TVOŘÍ KOMETU?

JÁDRO

zmrzlá voda
zmrzlý oxid uhličitý
uhlík
prachové částice
zrna minerálů
aminokyseliny
metan, čpavek
(další jednoduché organické sloučeniny)

průměr ~100m až ~10km

hustota 0.6 g/cm³

PLYNNÝ CHVOST

délka až 100 milionů km

PRACHOVÝ CHVOST

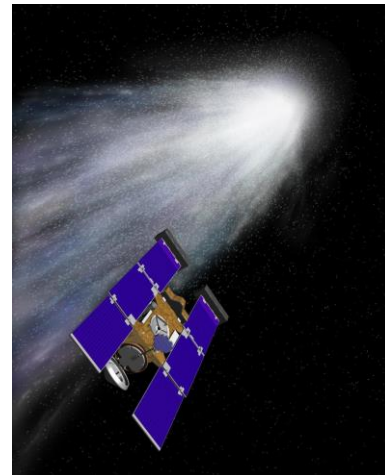
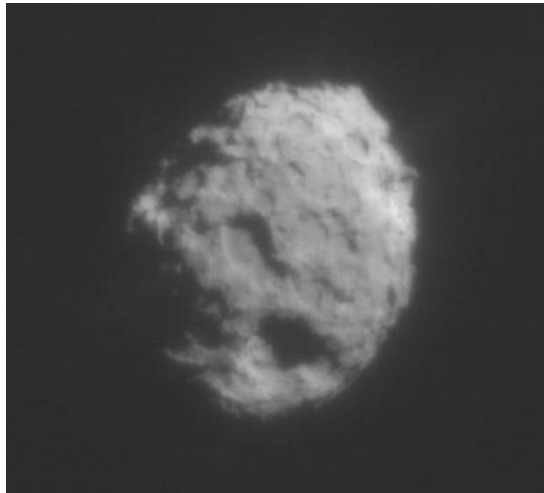
až 10 milionů km

SLUNEČNÍ VÍTR

planetum



81P/Wild-2 Stardust



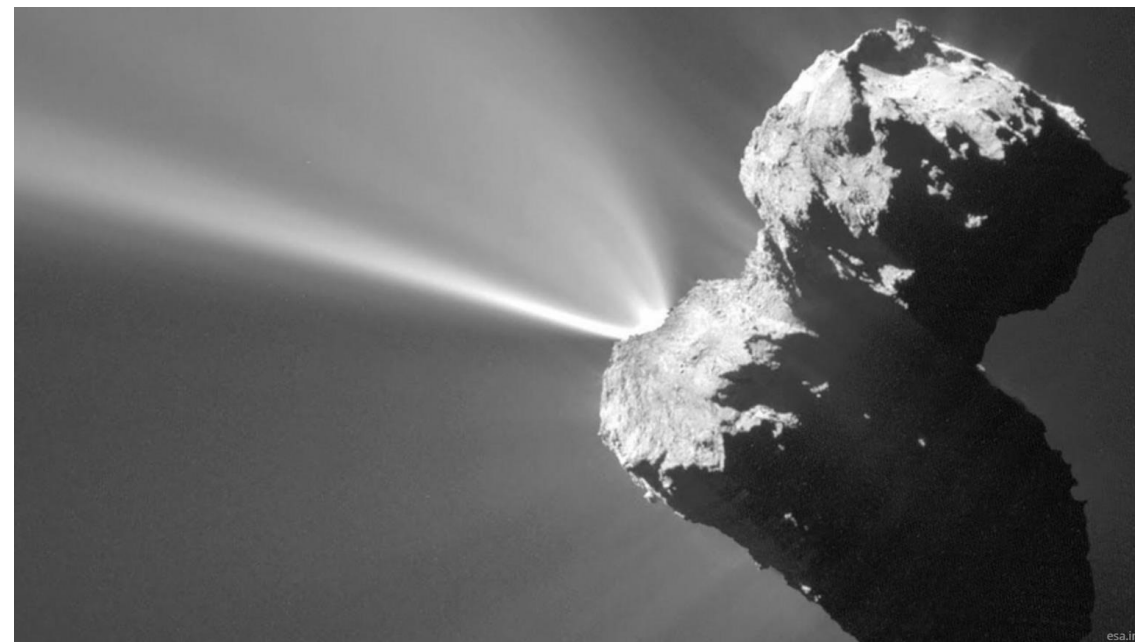
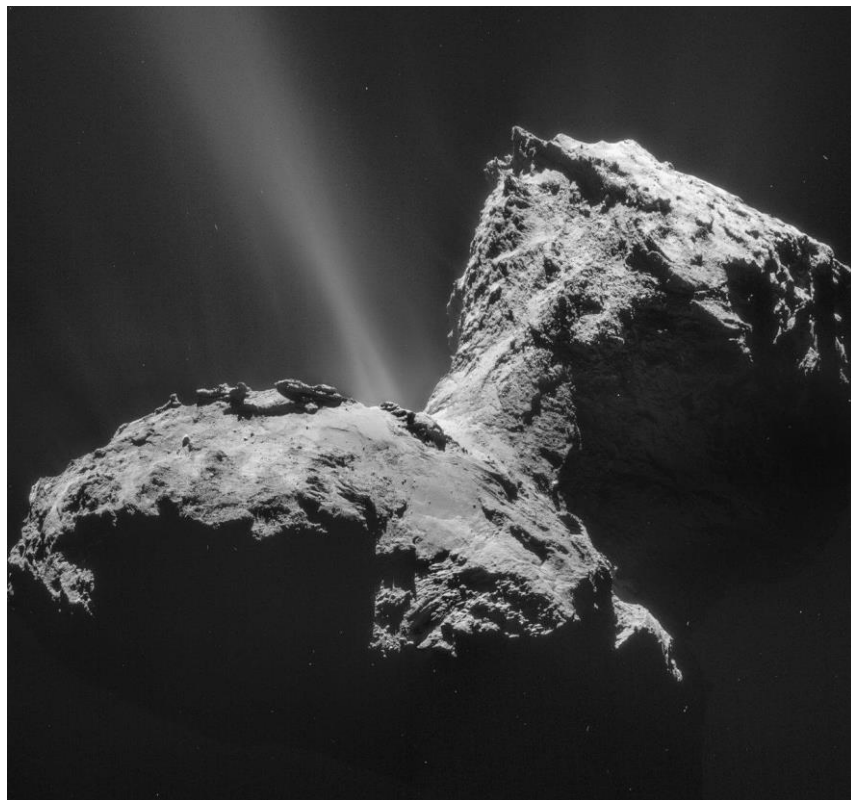
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Tempel 1 Deep Impact



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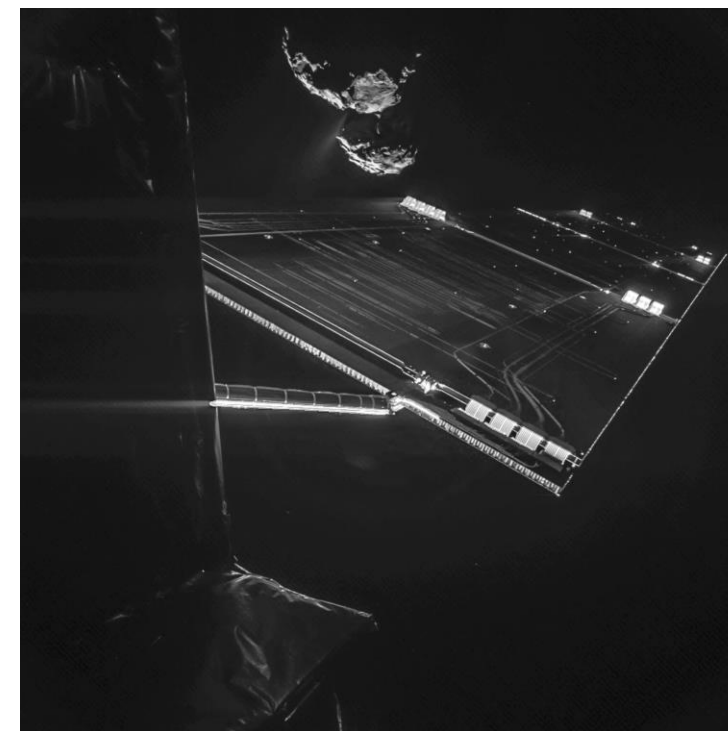
67P/Churyumov-Gerasimenko



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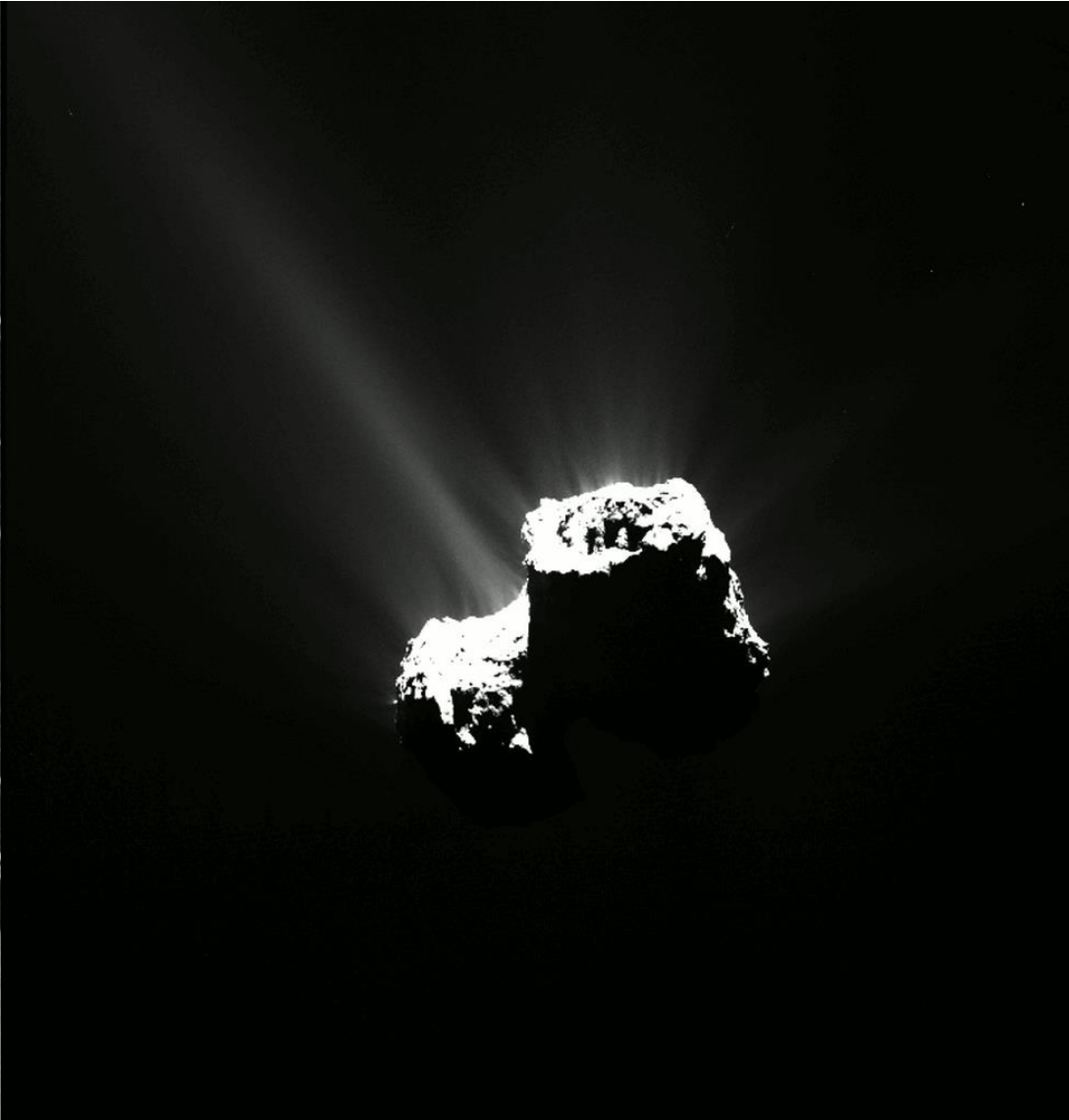
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Rosetta - Philae



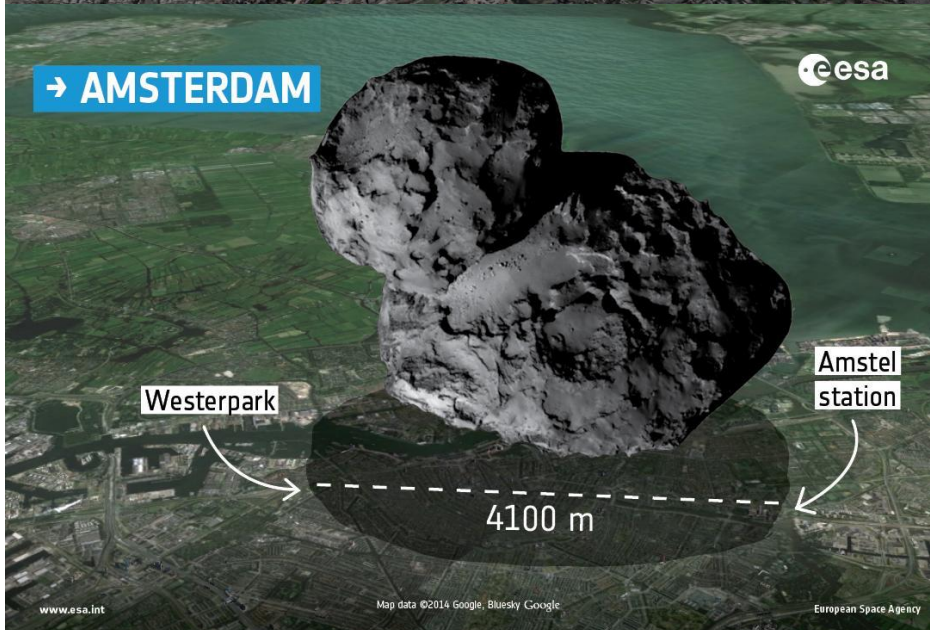
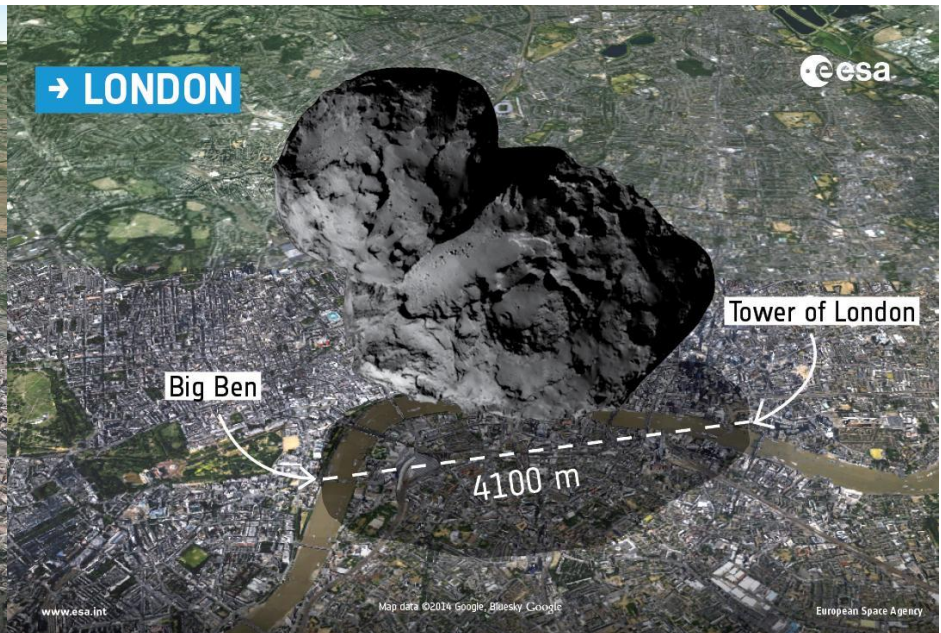
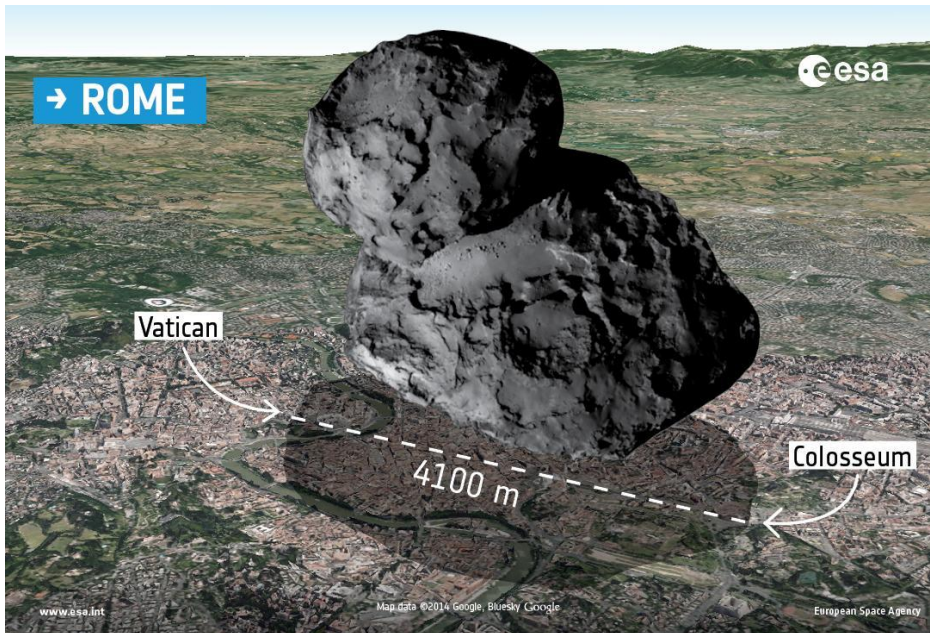
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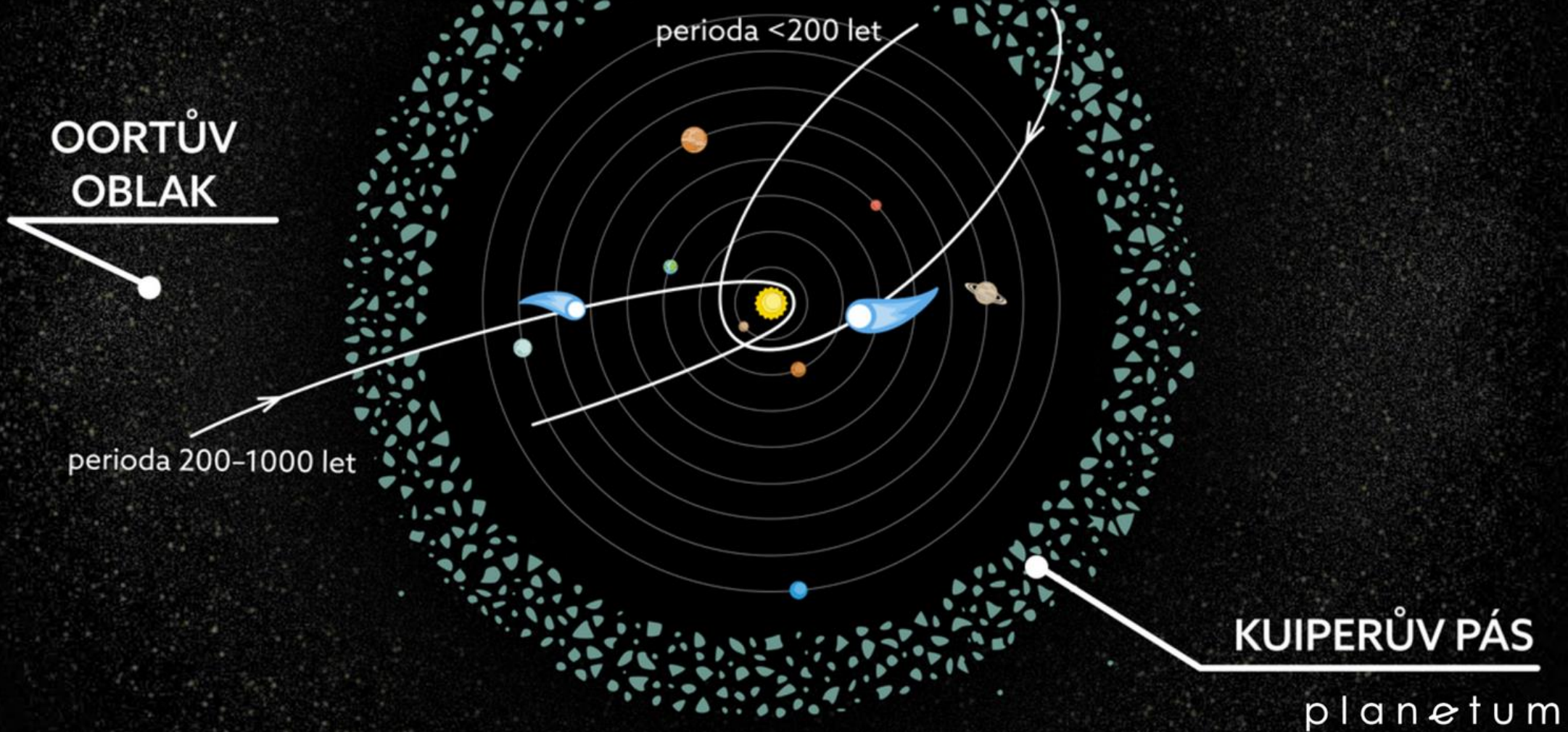
27.01.2023



Petr Horálek

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KDE SE RODÍ KOMETY





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Děkuji za pozornost