























## Comets



Cometary plasma environments resemble those of Venus

There is much more gas and dust escape  $\rightarrow$  mass-loading is much more efficient



ESA's Rosetta will approach comet Churymov-Gerasimenko in 2014 and deliver a lander (Philae) on its surface in November 2014







![](_page_8_Picture_0.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_9_Figure_1.jpeg)

![](_page_10_Figure_0.jpeg)

![](_page_10_Figure_1.jpeg)

![](_page_11_Figure_0.jpeg)

![](_page_11_Figure_1.jpeg)

![](_page_12_Picture_0.jpeg)

![](_page_12_Picture_1.jpeg)

![](_page_13_Figure_0.jpeg)

![](_page_13_Figure_1.jpeg)

![](_page_14_Figure_0.jpeg)

![](_page_14_Figure_1.jpeg)

![](_page_15_Figure_0.jpeg)

![](_page_15_Picture_1.jpeg)