



Sessão Astronomia



A large blue planet is centered in the upper half of the frame, set against a dark, star-filled background. The planet has a smooth, slightly reflective surface. The text 'Descobertas no Sistema Solar' is overlaid in a white, monospace-style font, centered horizontally and partially overlapping the planet. The background shows a dense field of stars and a faint, glowing nebula or galaxy structure.

Descobertas no Sistema Solar

Joseana dos Santos Soares

Antes do Telescópio



Pleiades

Jupiter

Venus

Aldebaran





Centaurus (Centauro)

Crux (Cruzeiro do Sul)

Carina (Quilha)

Musca (Mosca)

Cirginus (Compasso)

Triangulum Australe (Triângulo Austral)

Rigil Kent

Hadar



April 28
2008

August 23
2007

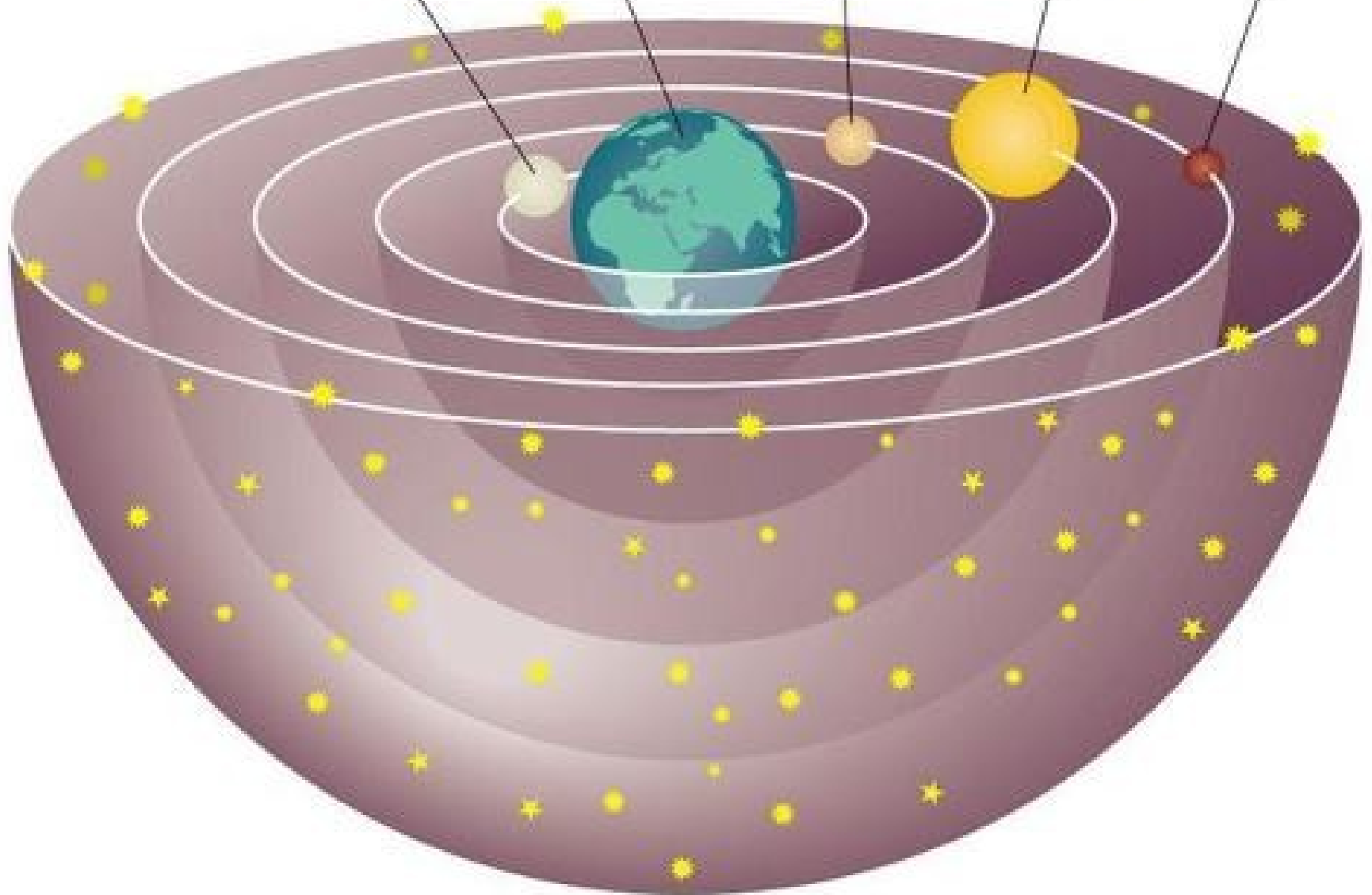
Lua

Terra

Venus

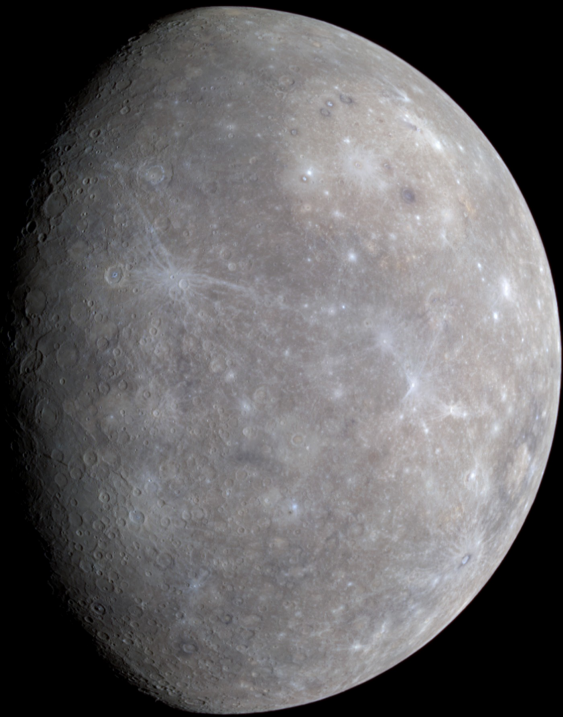
Sol

Marte





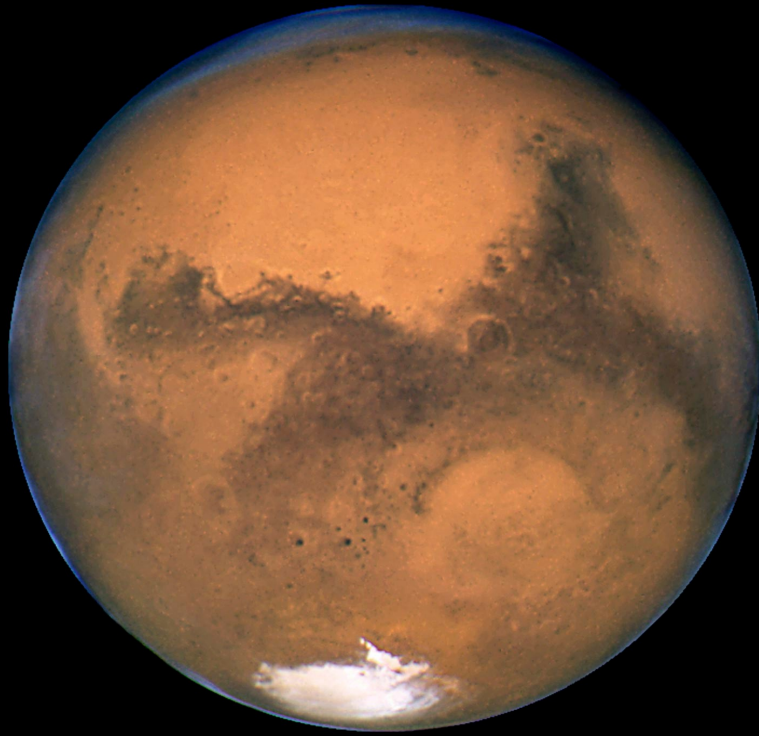
Mercúrio



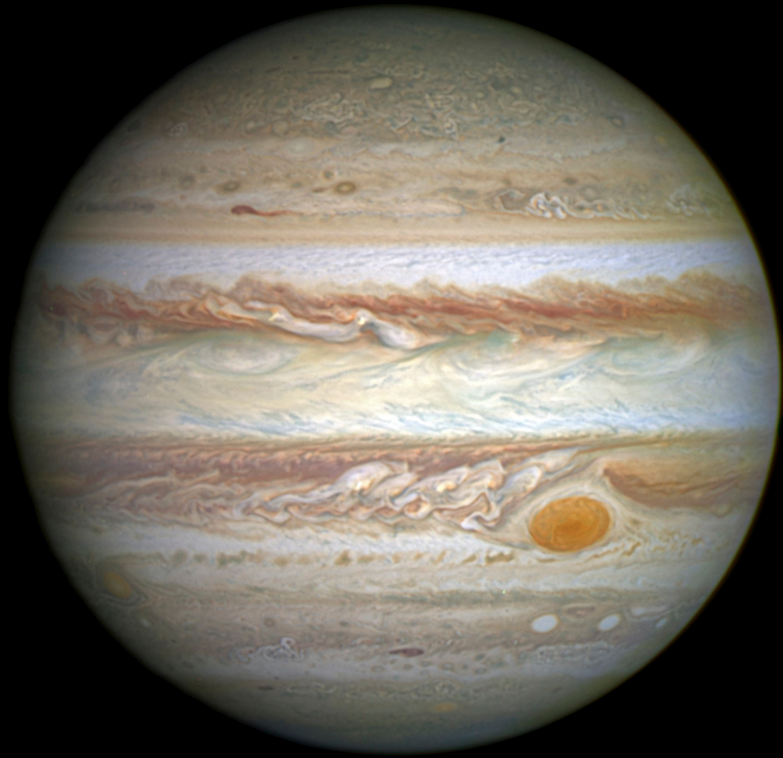
Vênus



Marte



Júpiter



Saturno





Depois do Telescópio

1609



Galileu Galilei

Observations Jevitarp
1620

2. J. 9bris.
mand H. 12

○ **

30. mand

** ○ *

2. Xbr:

○ ** *

3. mand

○ * *

3. Ho. 5.

* ○ *

4. mand

* ○ **

6. mand

** ○ *

8. mand H. 13.

* * * ○

10. mand

* * * ○ *

11.

* * ○ *

12. H. 4 uesht:

* ○ *

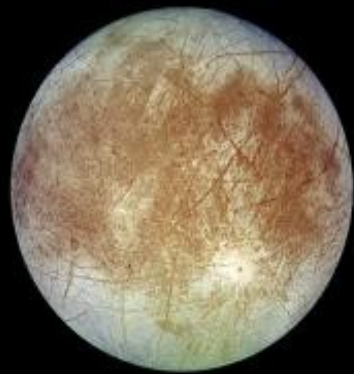
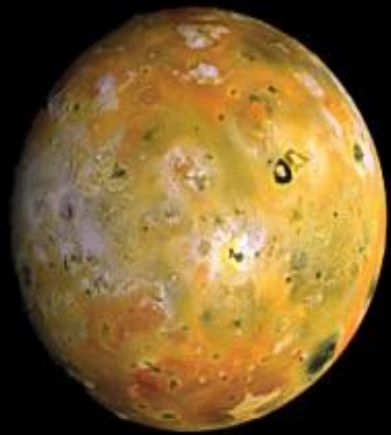
13. mand

* ** ○ *

14. Casie.

* * * ○ *

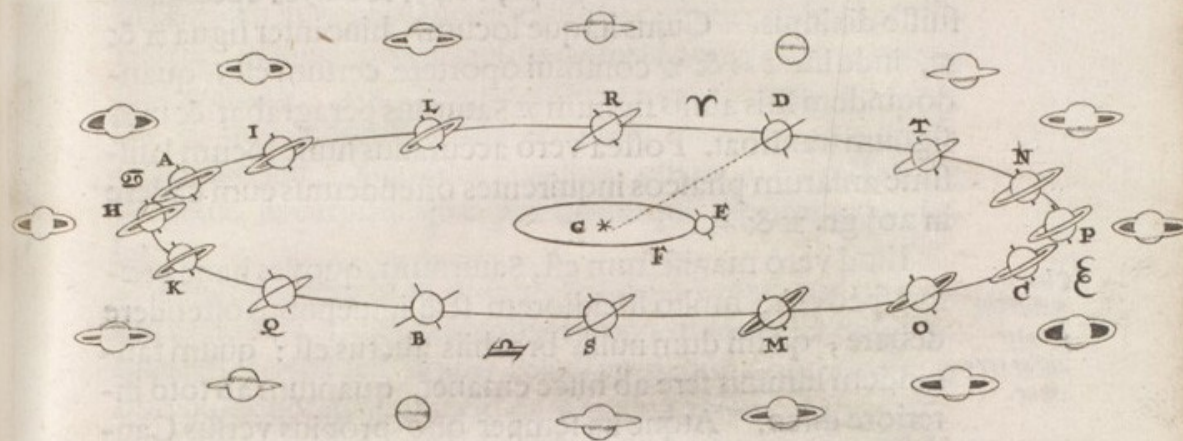




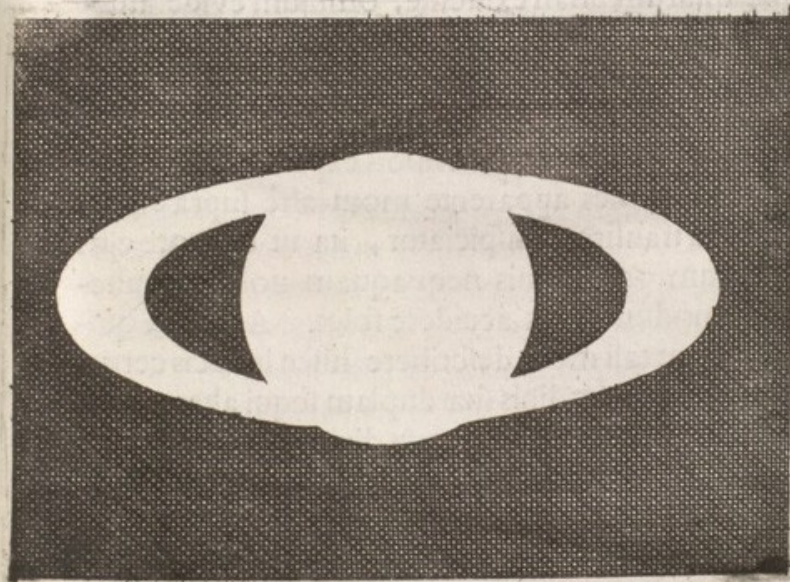
1655



Christiaan Huygens



Cujus phaseos vera proinde forma, secundum ea quæ supra circa anulum definivimus, ejusmodi erit qualis hîc delineata cernitur, majori ellipsis diametro ad minorem se habente fere ut 5 ad 2.



Atque

Saturn



Hubble
Heritage

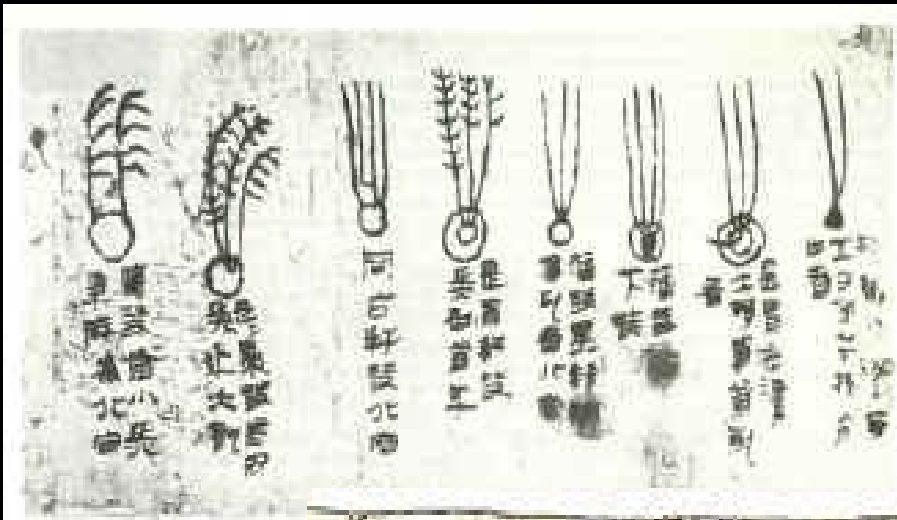


1696



Edmond Halley





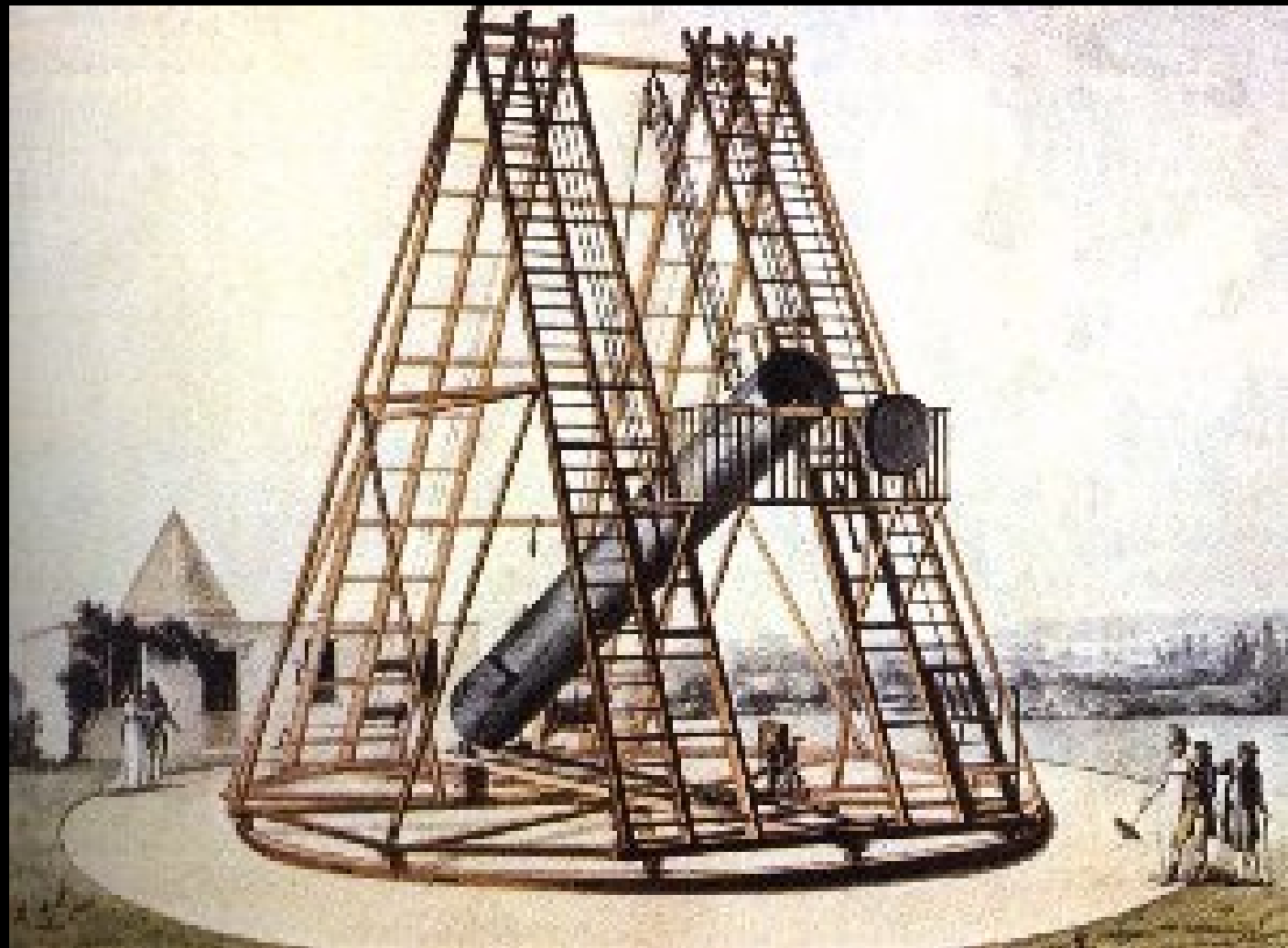


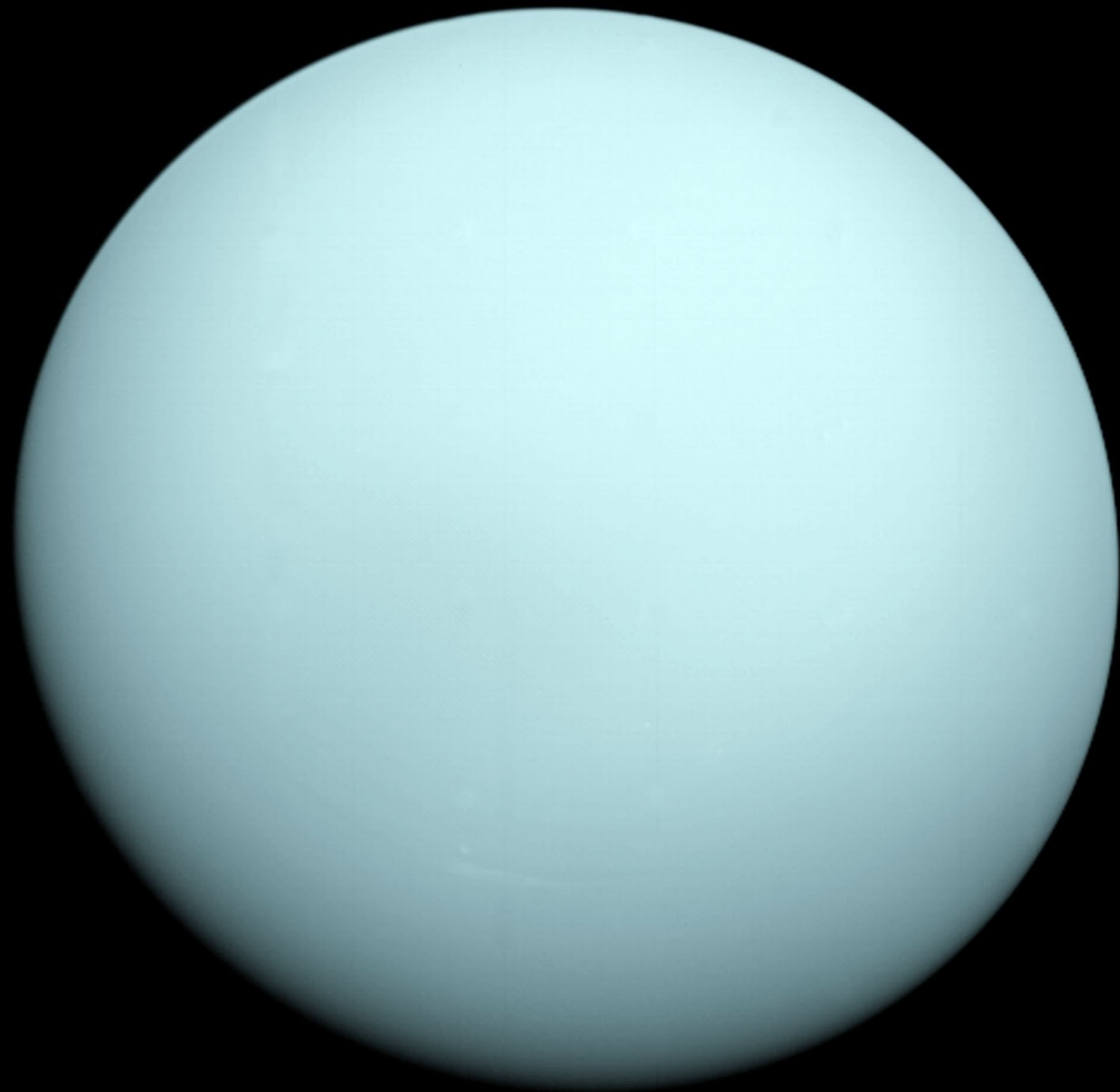


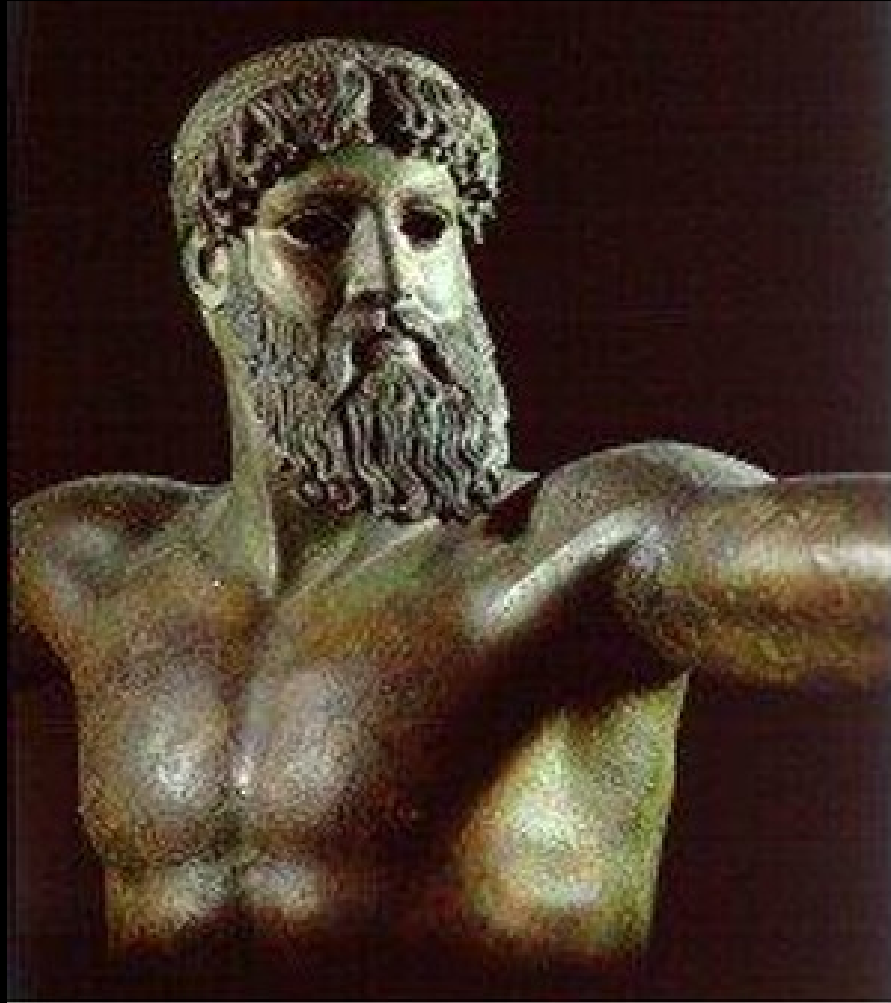
1781



William Herschel





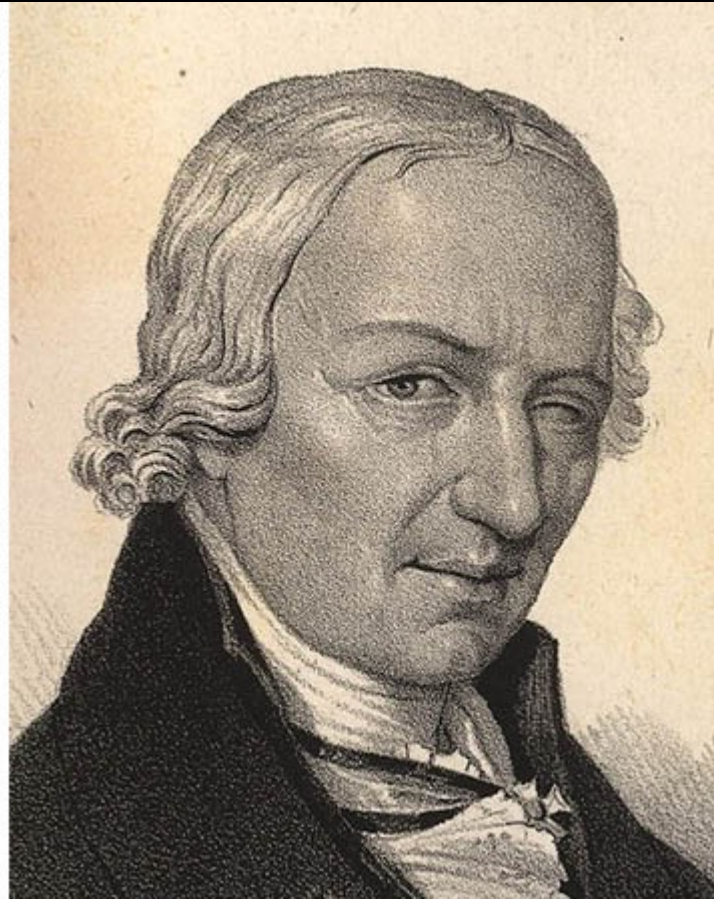




Uranus and moons
Oberon and Titania



Lei de Titius-Bode

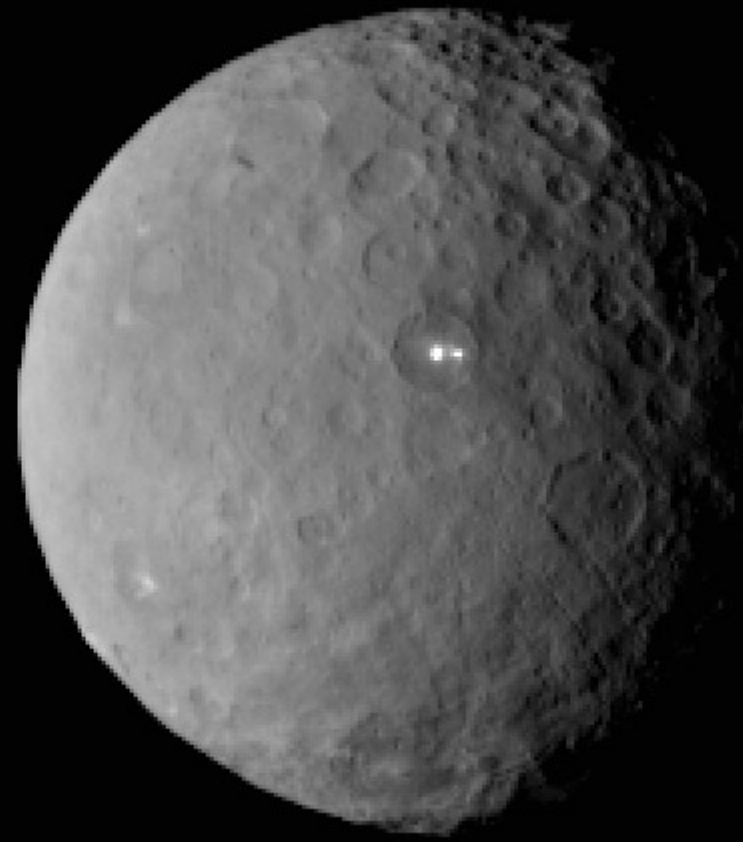


Planeta	<i>n</i>	Lei de Titius-Bode	Observado
Mercúrio	1	0,4	0,39
Vênus	2	0,7	0,72
Terra	3	1,0	1,00
Marte	4	1,6	1,52
(Ceres)	5	2,8	2,77
Júpiter	6	5,2	5,20
Saturno	7	10,0	9,54
Urano	8	19,6	19,2
Netuno	9	38,8	30,1
(Plutão)	10	77,2	39,5

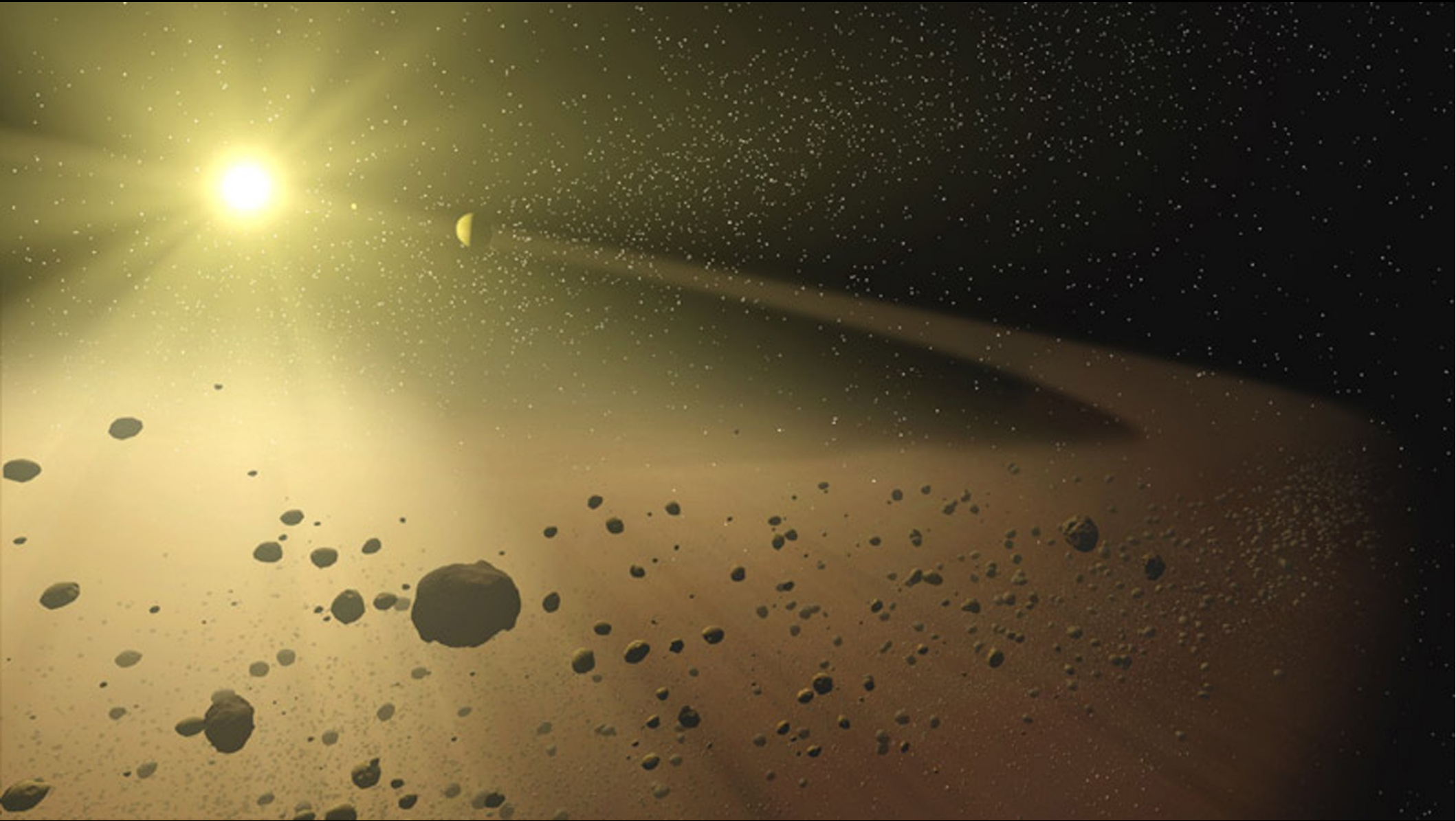
1801



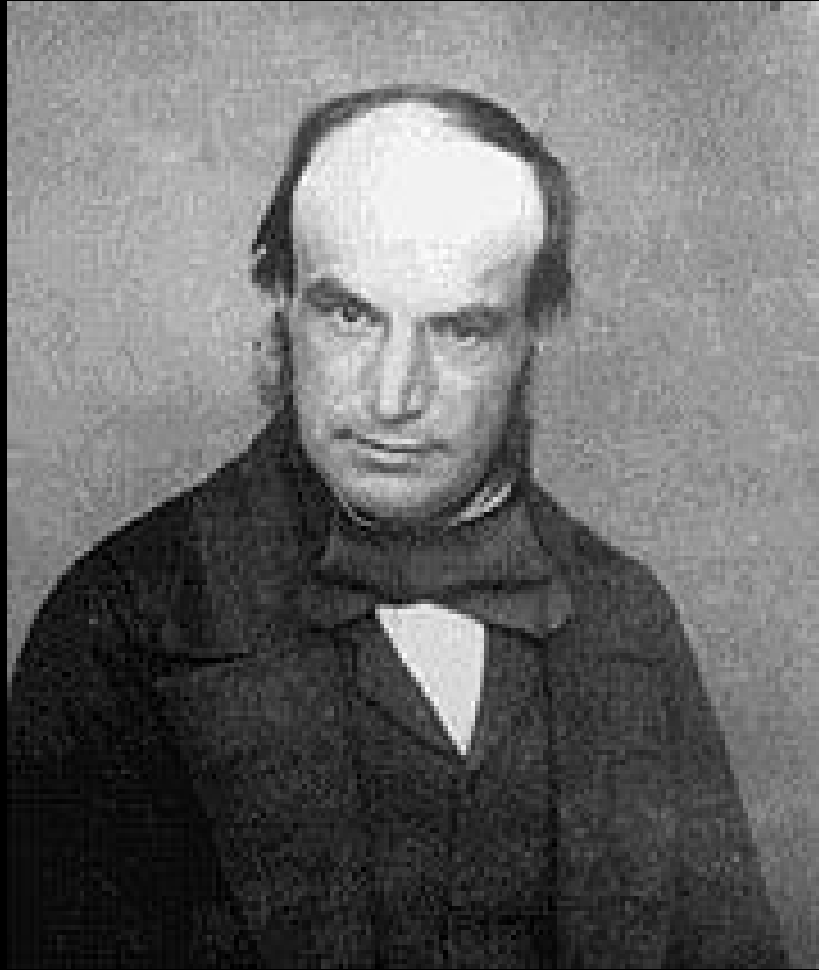
Giuseppe Piazzi



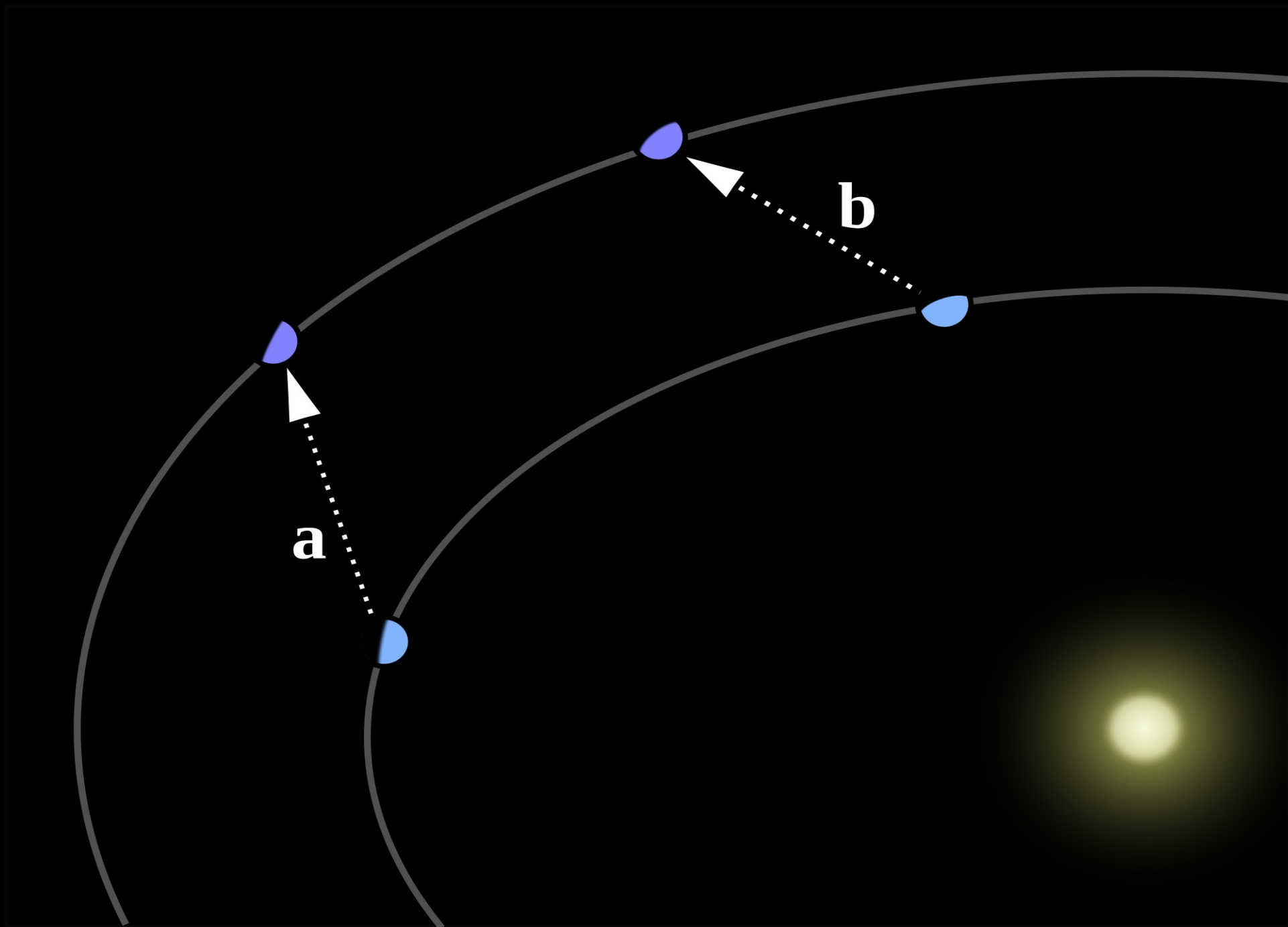


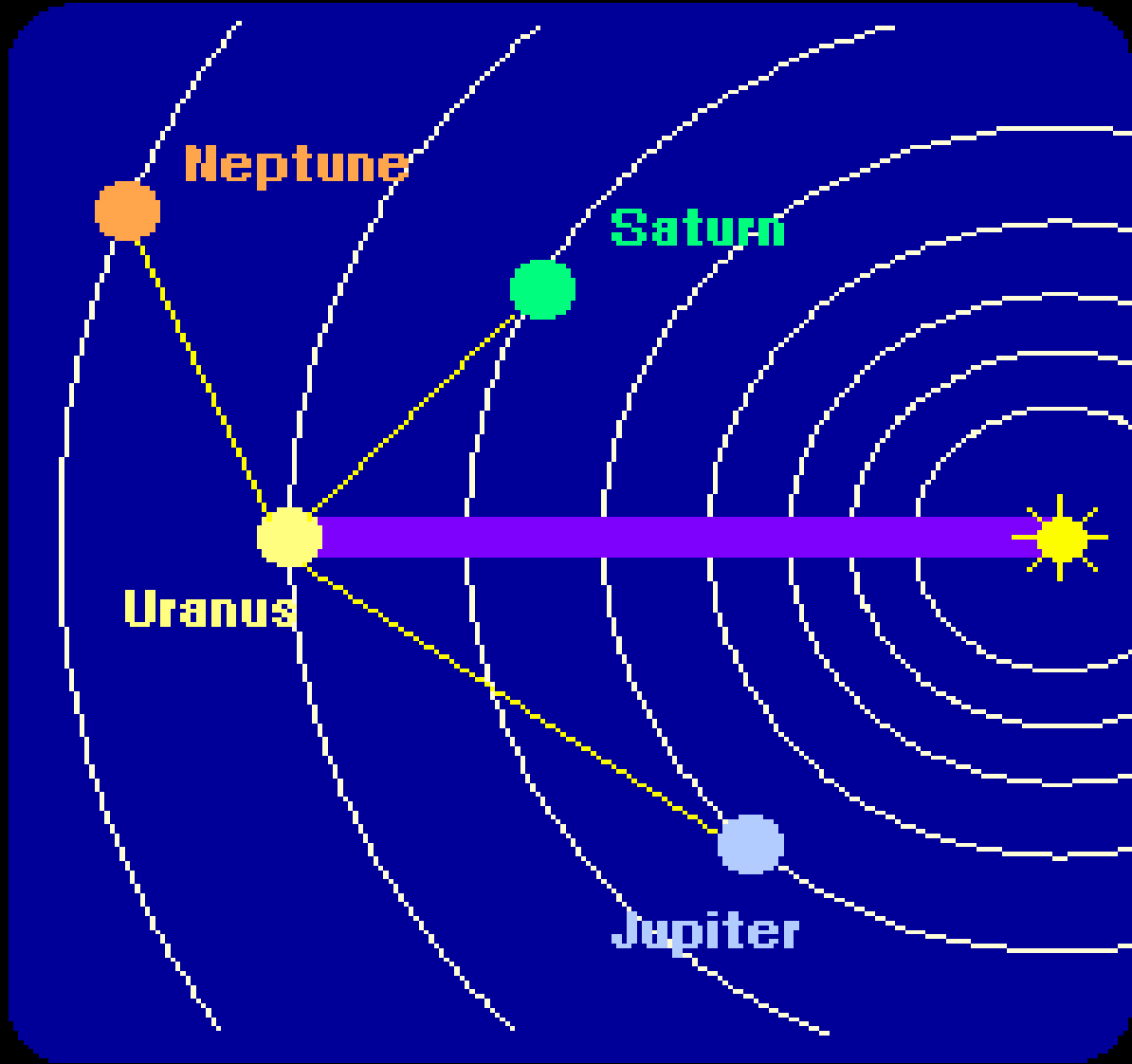


1846



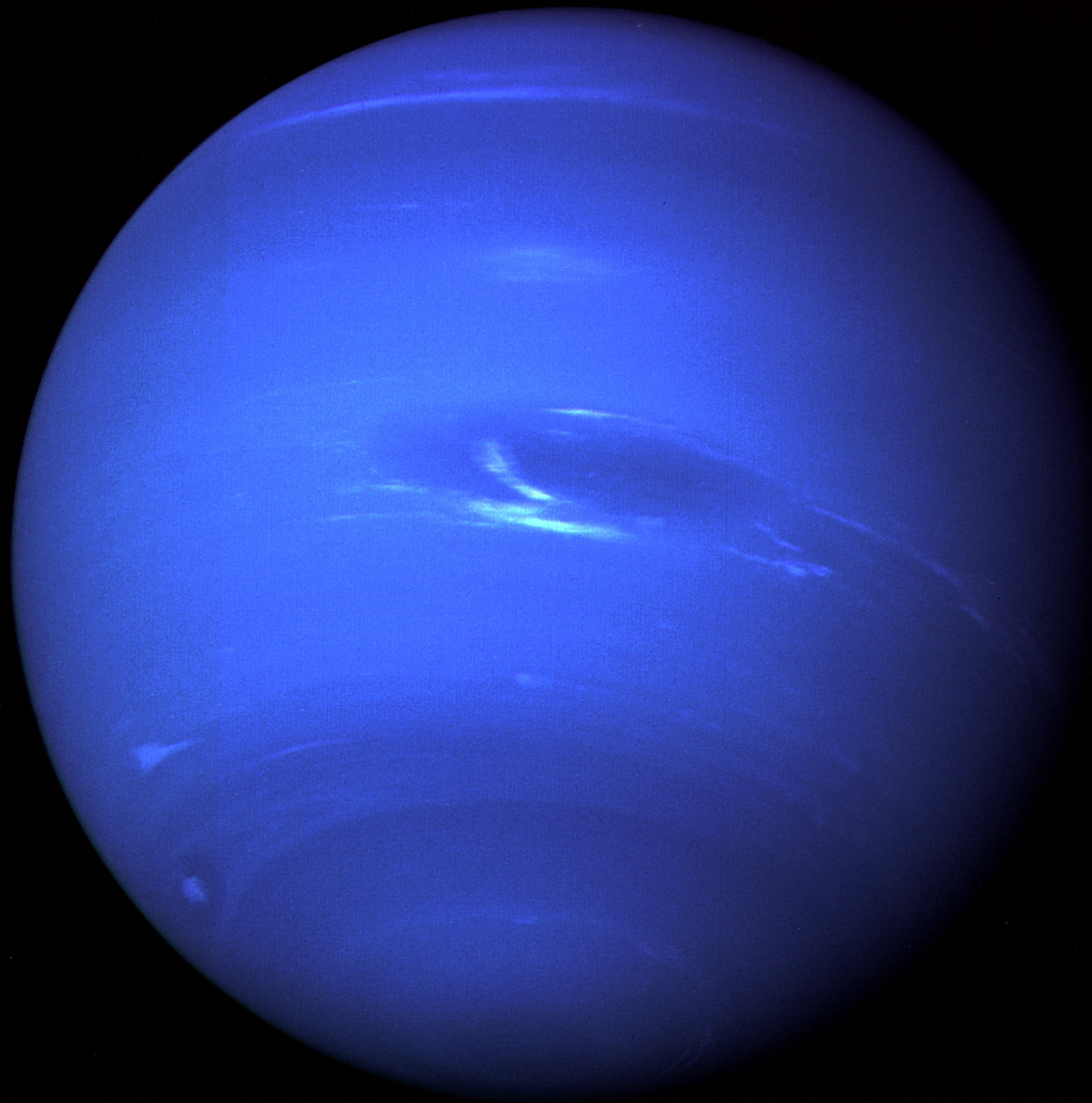
John Couch Adams e Urbain Le Verrier







Johann Gottfried Galle



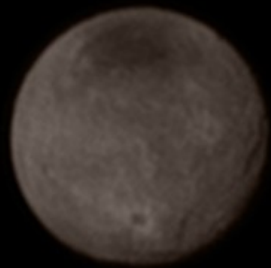


1930



Clyde Tombaugh











Eris



Caronte

Plutão



Makemake



Haumea



Terra

POOR
PLUTO



2016

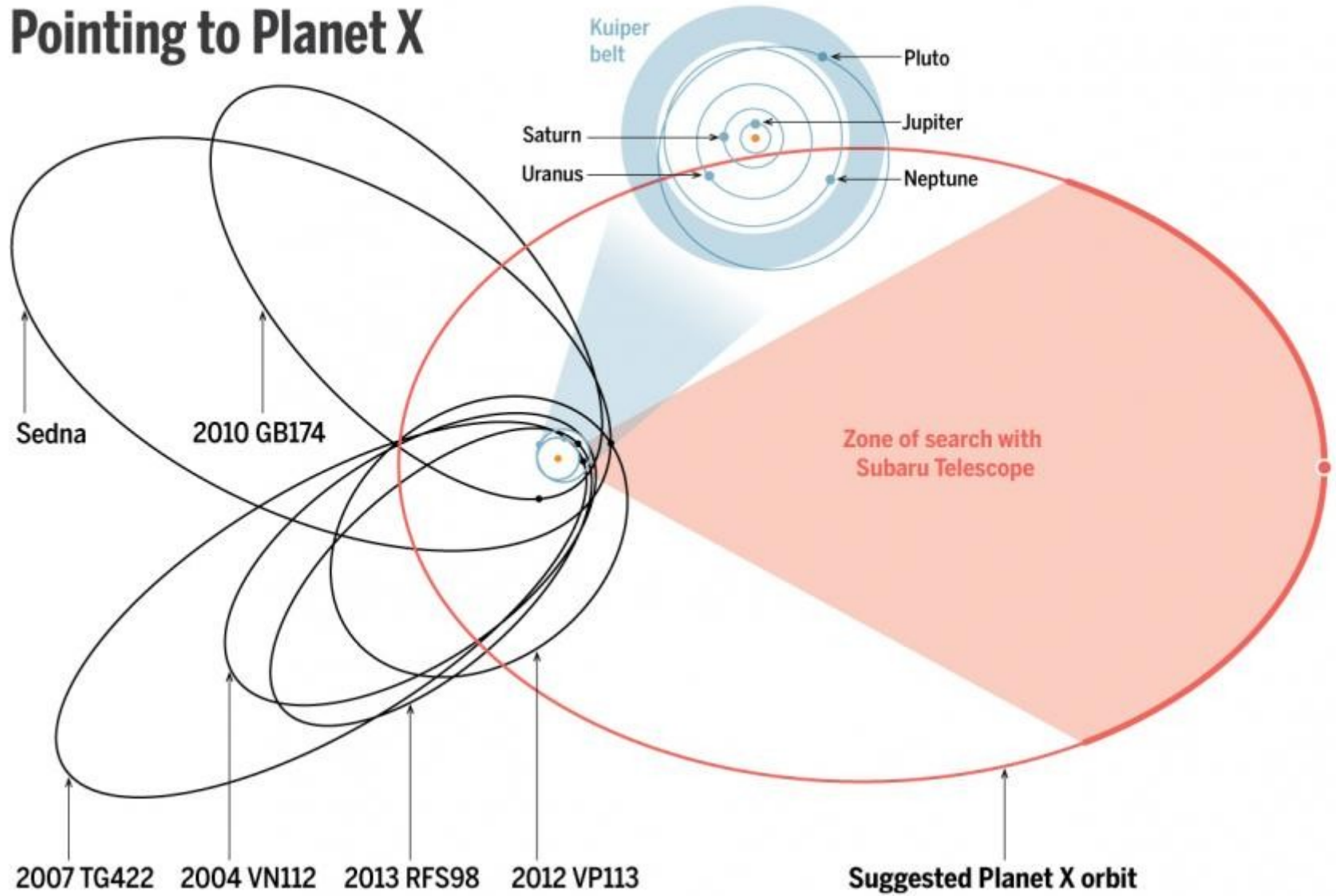


Tamanho aproximado de Netuno

Órbita com período de 15 mil anos

**Cálculos feitos à partir das órbitas de
objetos do cinturão de Kuiper**

Pointing to Planet X





A large, glowing blue sphere is the central focus of the image. The text "Eim" is written across its surface in a white, monospaced font. The sphere is set against a dark, star-filled background. A prominent feature is the Milky Way galaxy, which appears as a bright, dusty band of light and dark clouds, curving across the lower-left and middle portions of the frame. To the right of the sphere, there is a bright, multi-pointed star or nebula. The overall scene is a cosmic or astronomical visualization.

Eim