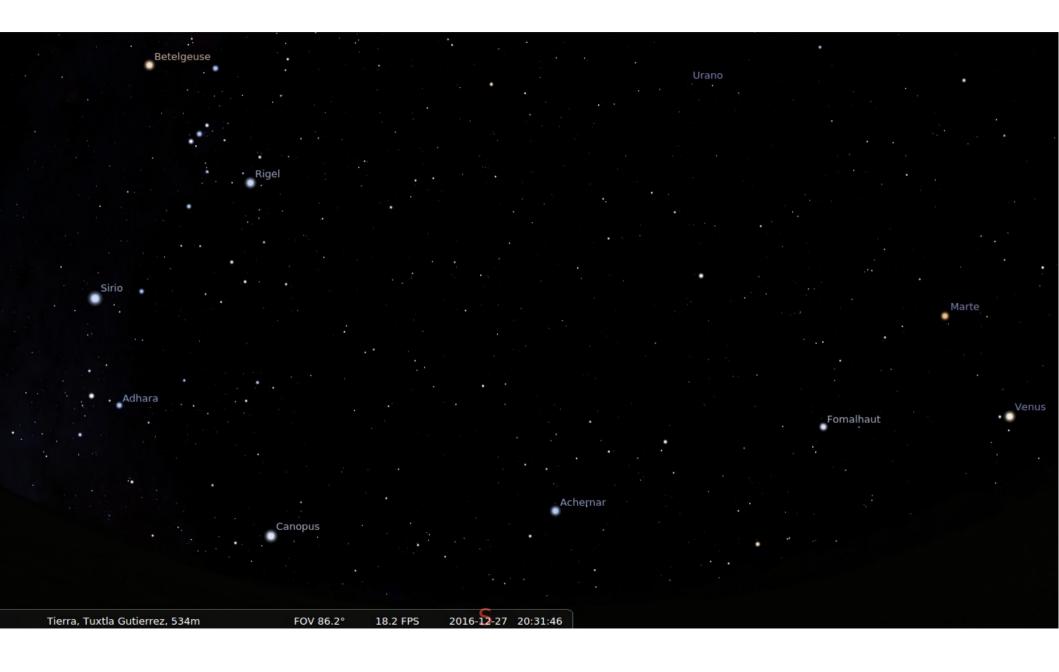
Nuestro lugar en el cosmos: Qué nos dice la Astrofísica

Dra. Alejandra Jiménez ICF-UNAM



$Mirar\ las\ estrellas$

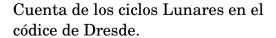


La observación del cielo, un oficio antiguo.





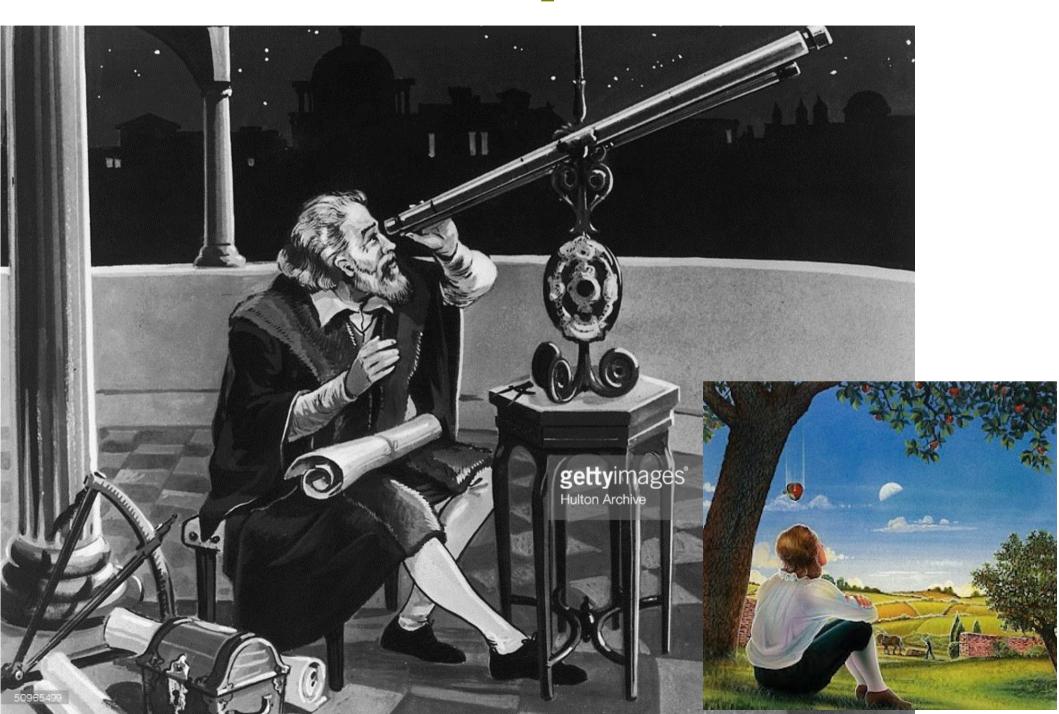
Constelación de Orión sobre la pirámide de Kukulcán, Chichén Itzá, Yucatán.



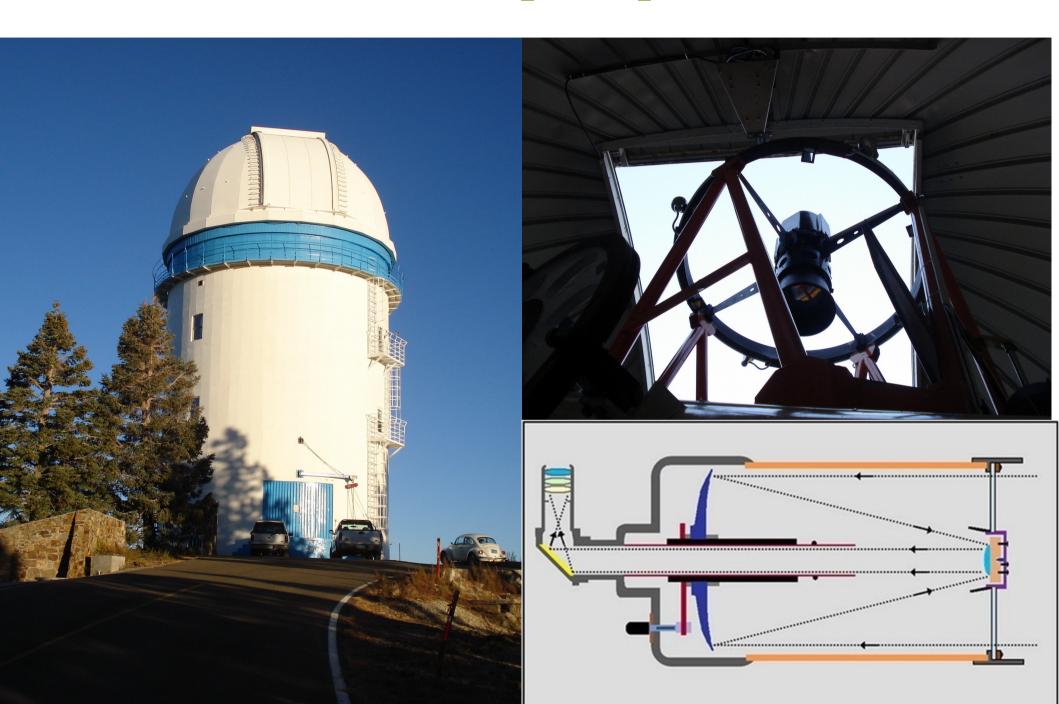
"El Hombre en el Cuadro", durante el solsticio de invierno. Fenómeno arqueoastronómico en la pintura rupestre denominada invierno. (Foto Centro INAH Baja California)



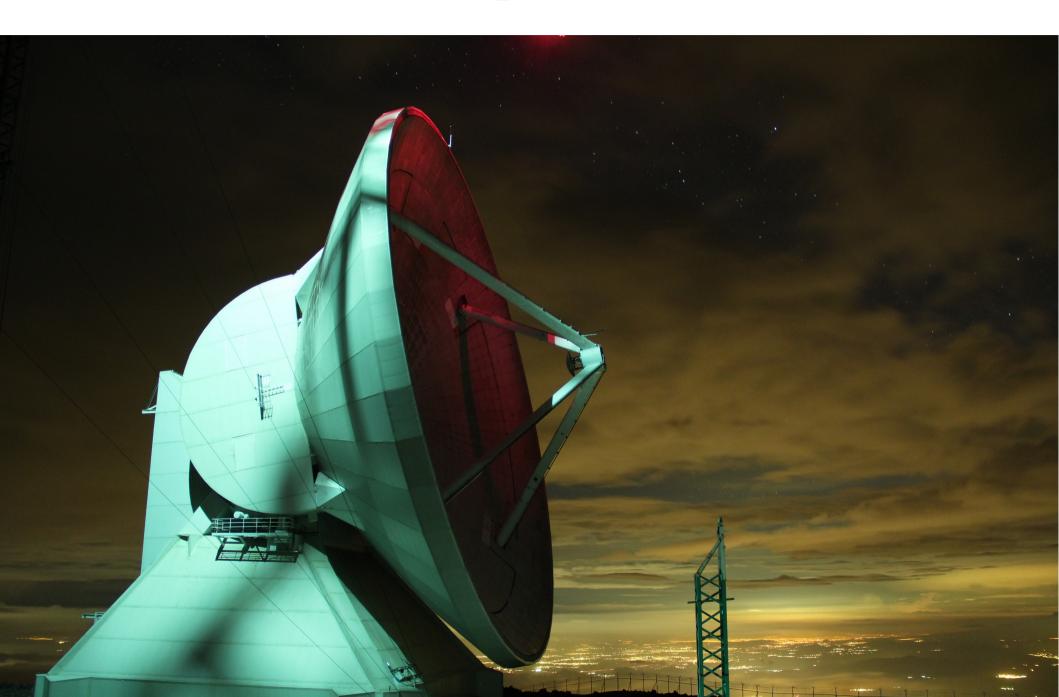
Entender con los pies en la Tierra



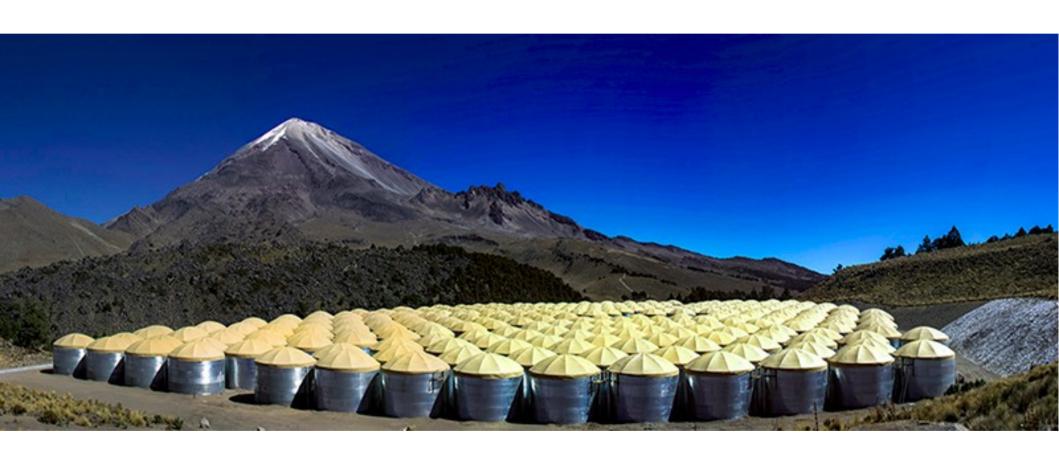
El telescopio óptico



Gran Telescopio Milimétrico



Observatorio de rayos gamma y rayos cósmicos.



Telescopio espacial Hubble

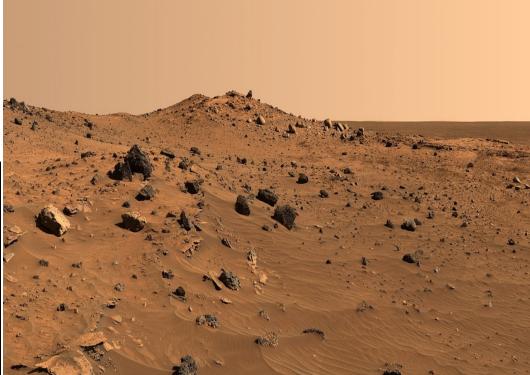


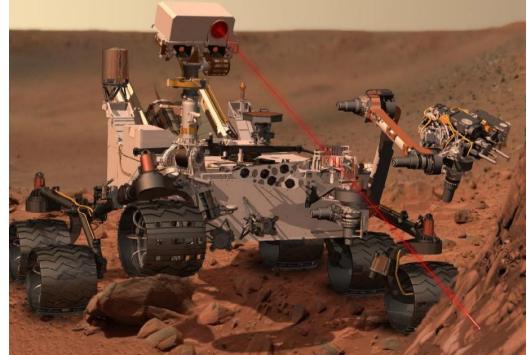
Hubble Floating Free

Image Credit: NASA, 2002

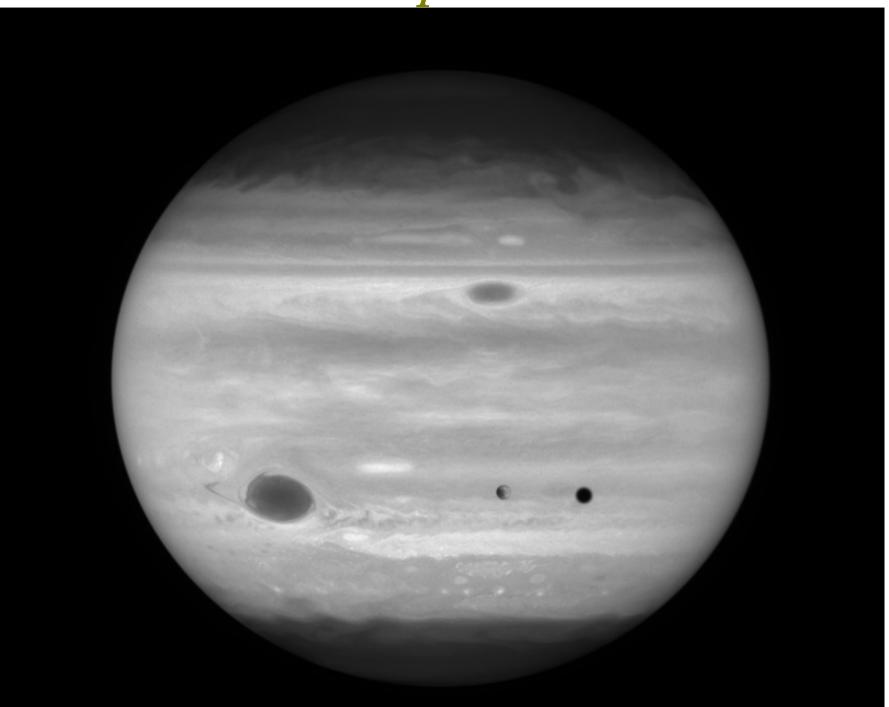
Marte







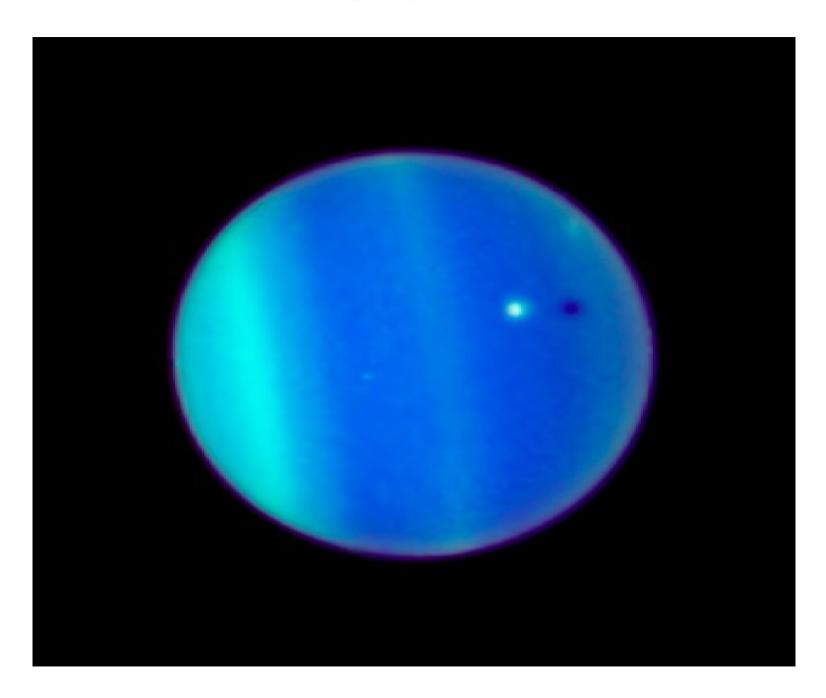
Júpiter



Saturno



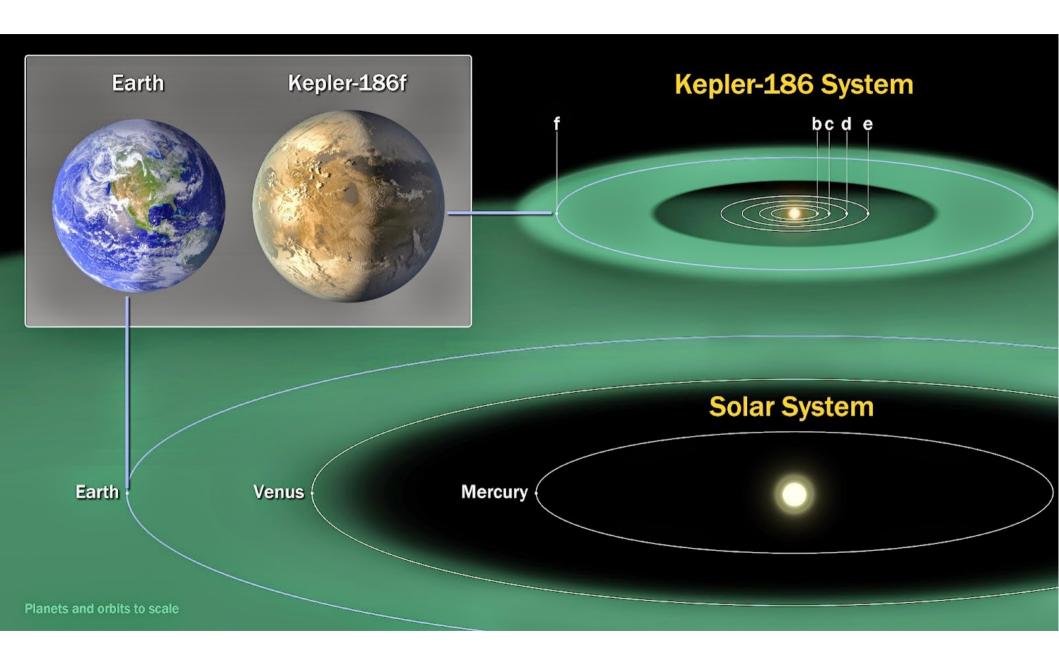
Urano



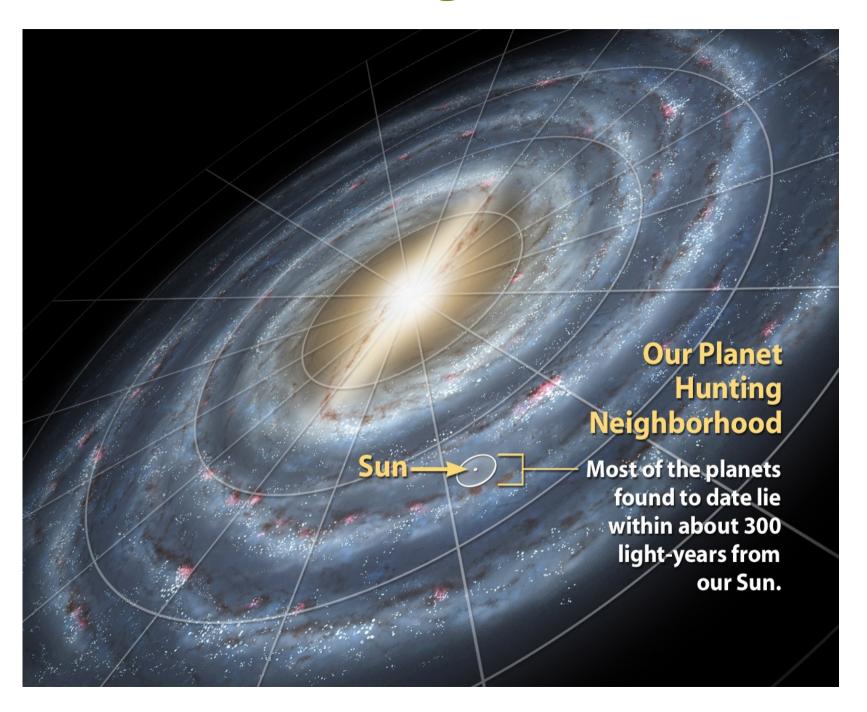
Sistema Solar



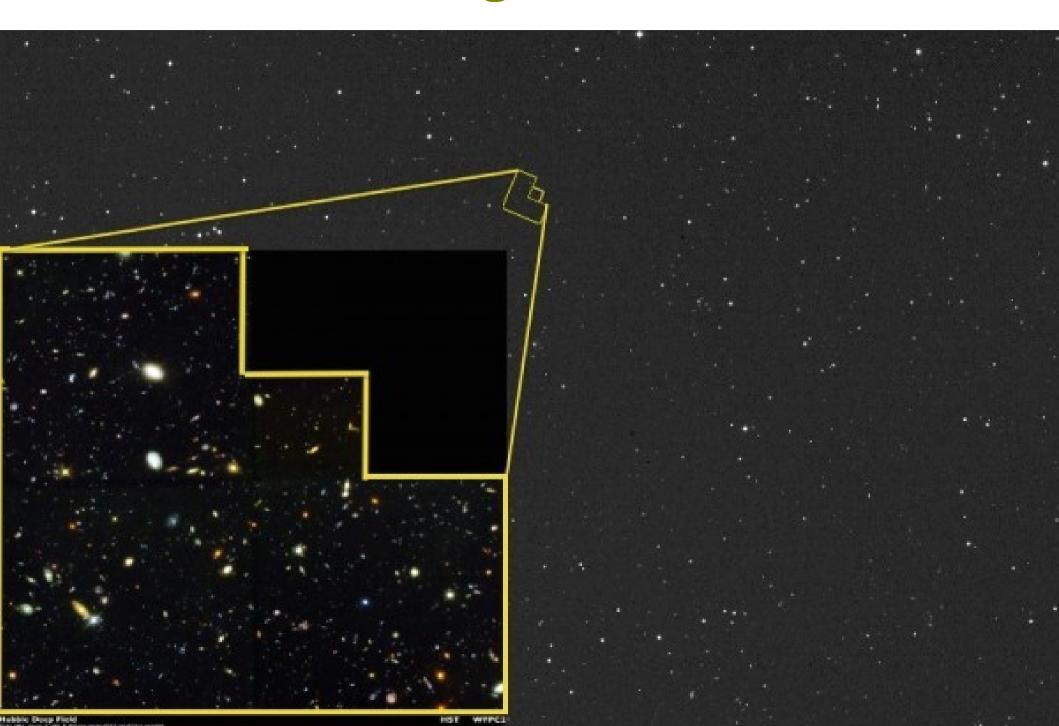
Sistemas planetarios en otras estrellas

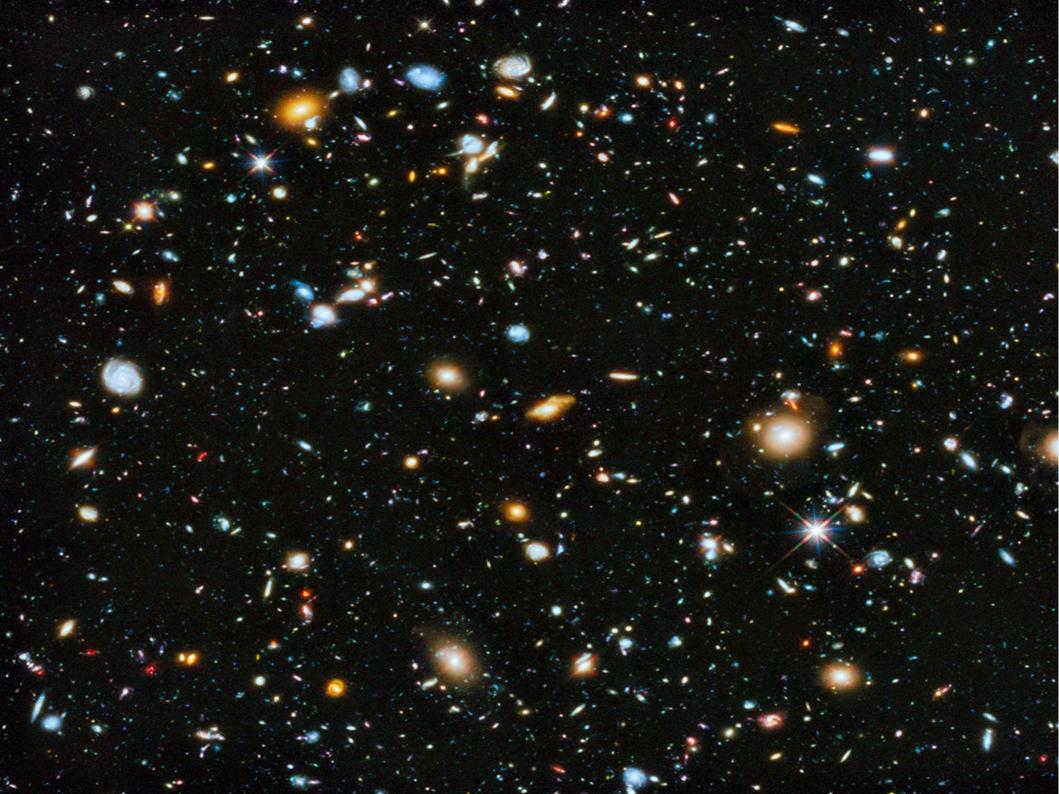


Nuestra galaxia



Otras galaxias







NASA and ESA STScI-PRC06-10a

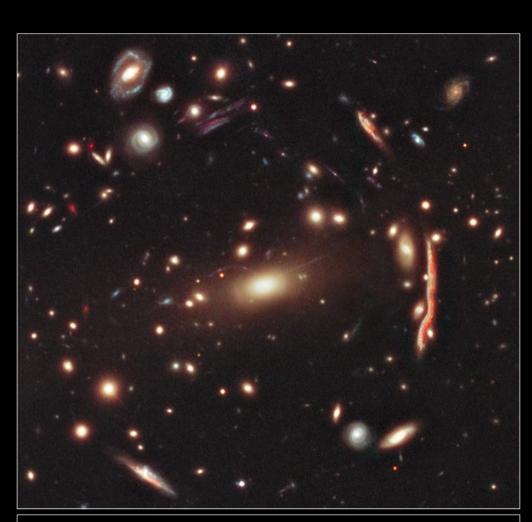
Sombrero Galaxy • M104



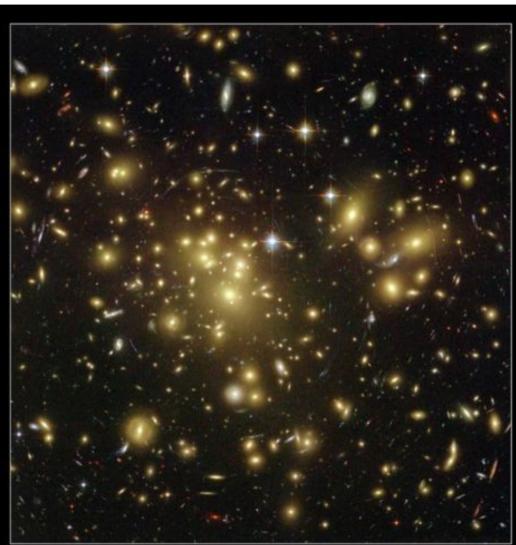




Cúmulos de galaxias



Galaxy Cluster MACS J1206.2-0847 Hubble Space Telescope • WFC3/IR ACS/WFC

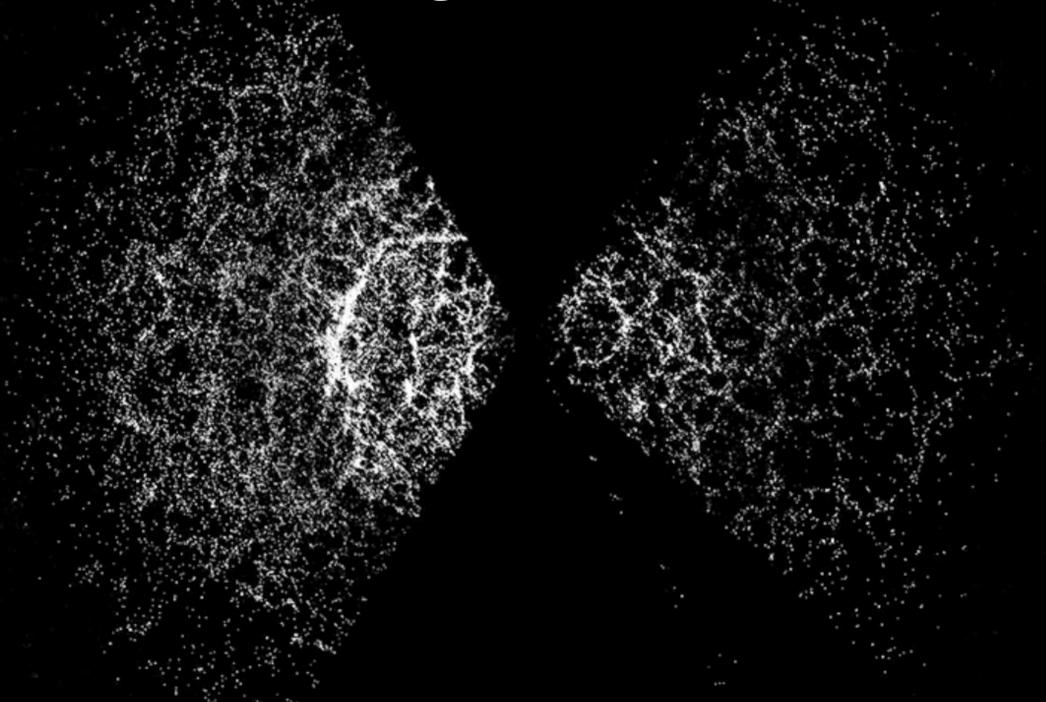


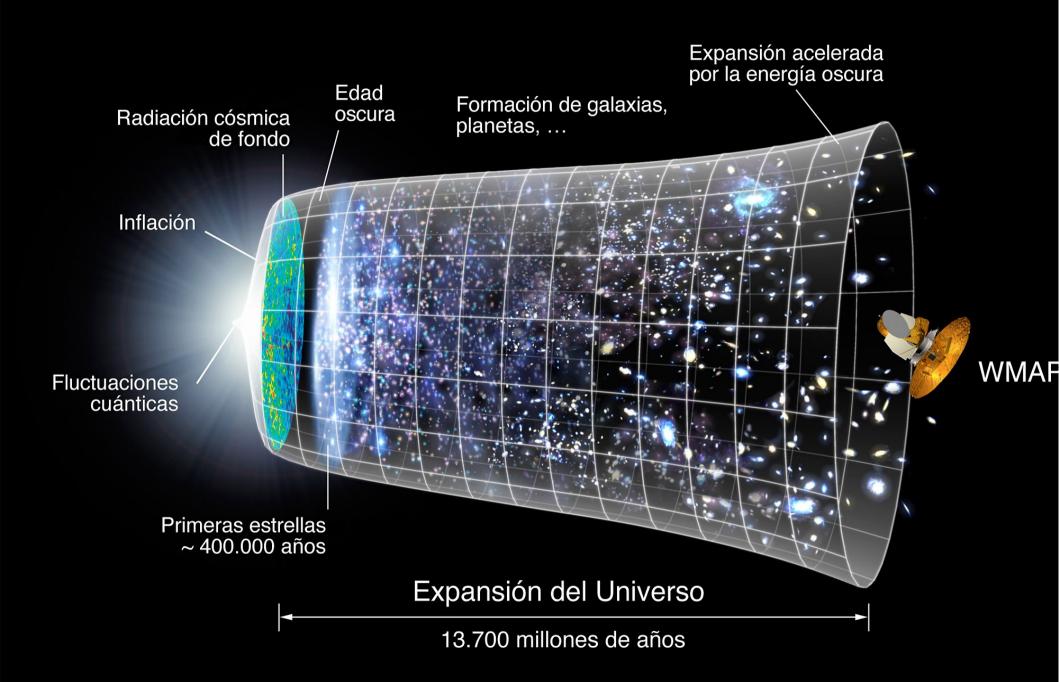
Galaxy Cluster Abell 1689

Hubble Space Telescope • Advanced Camera for Surveys

STScI-PRC11-25a

Nuestro lugar en el universo





el espectro electromagnético

