

NUEVOS MUNDOS

Exoplanetas



Escuela
de Física



Universidad
Industrial de
Santander

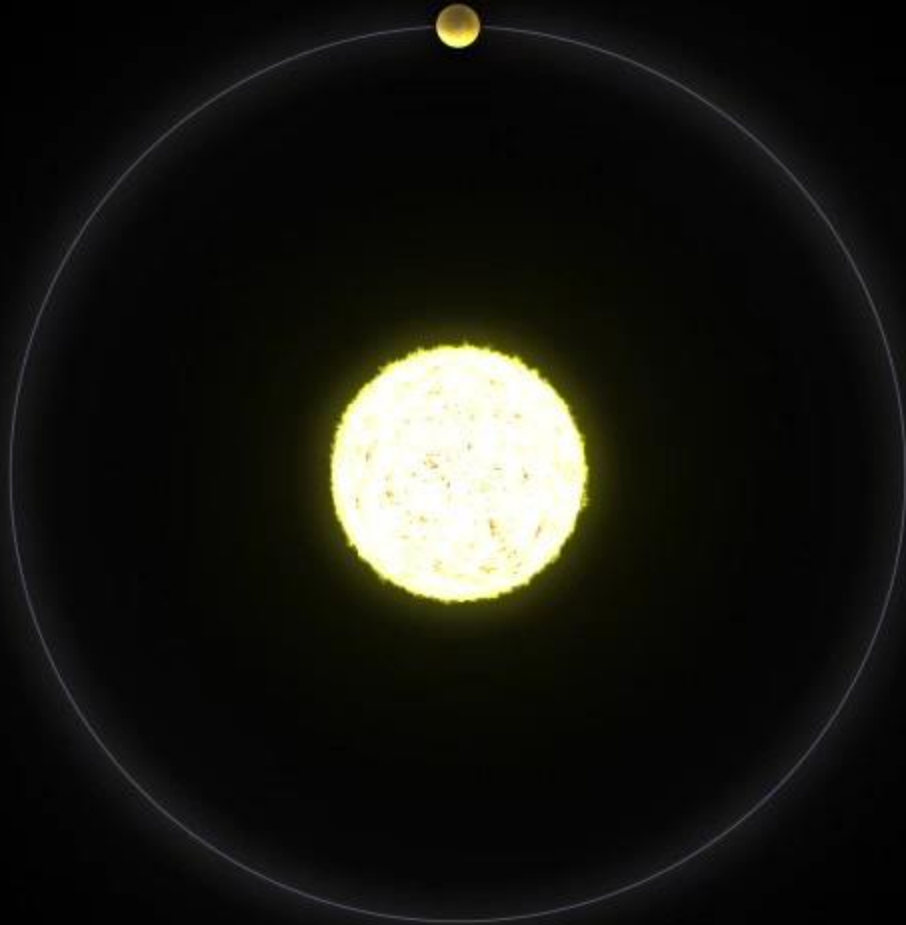


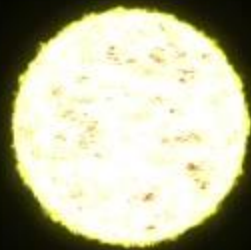
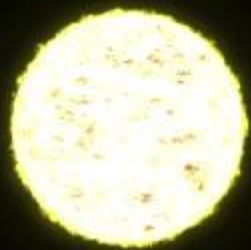
Metodos para descubrir

[Animaciones](#)

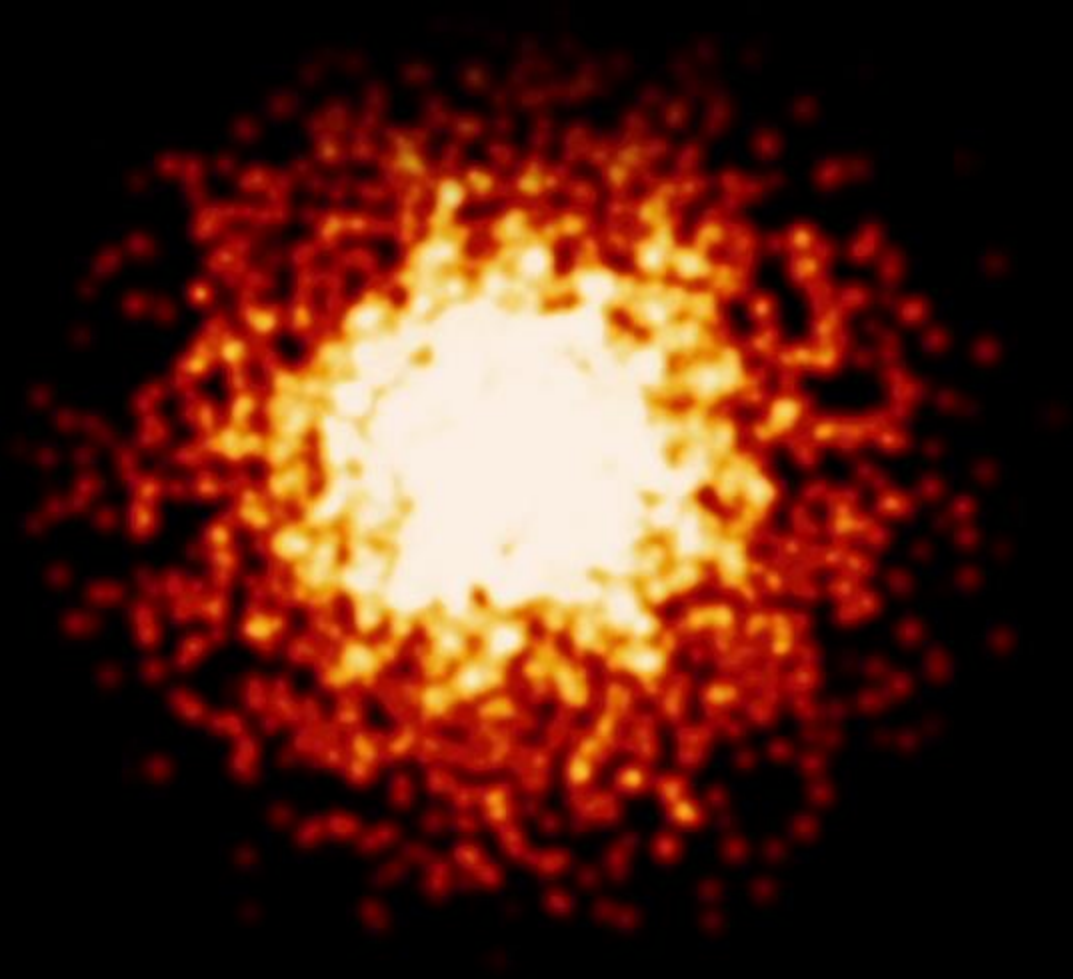
LIGHT

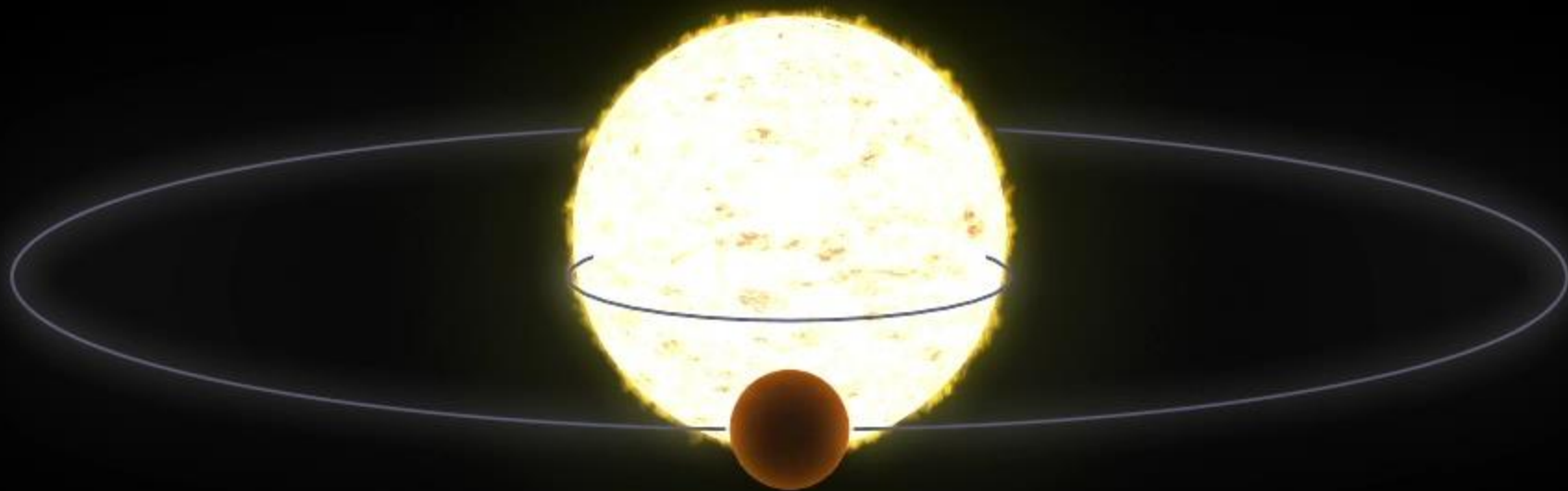
TIME





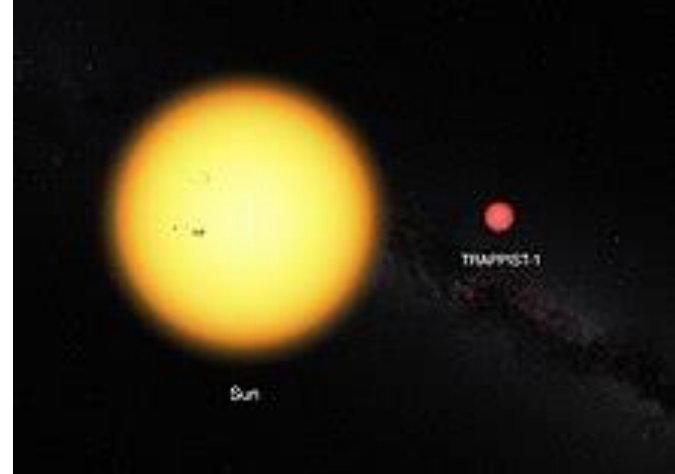






Misión Kepler

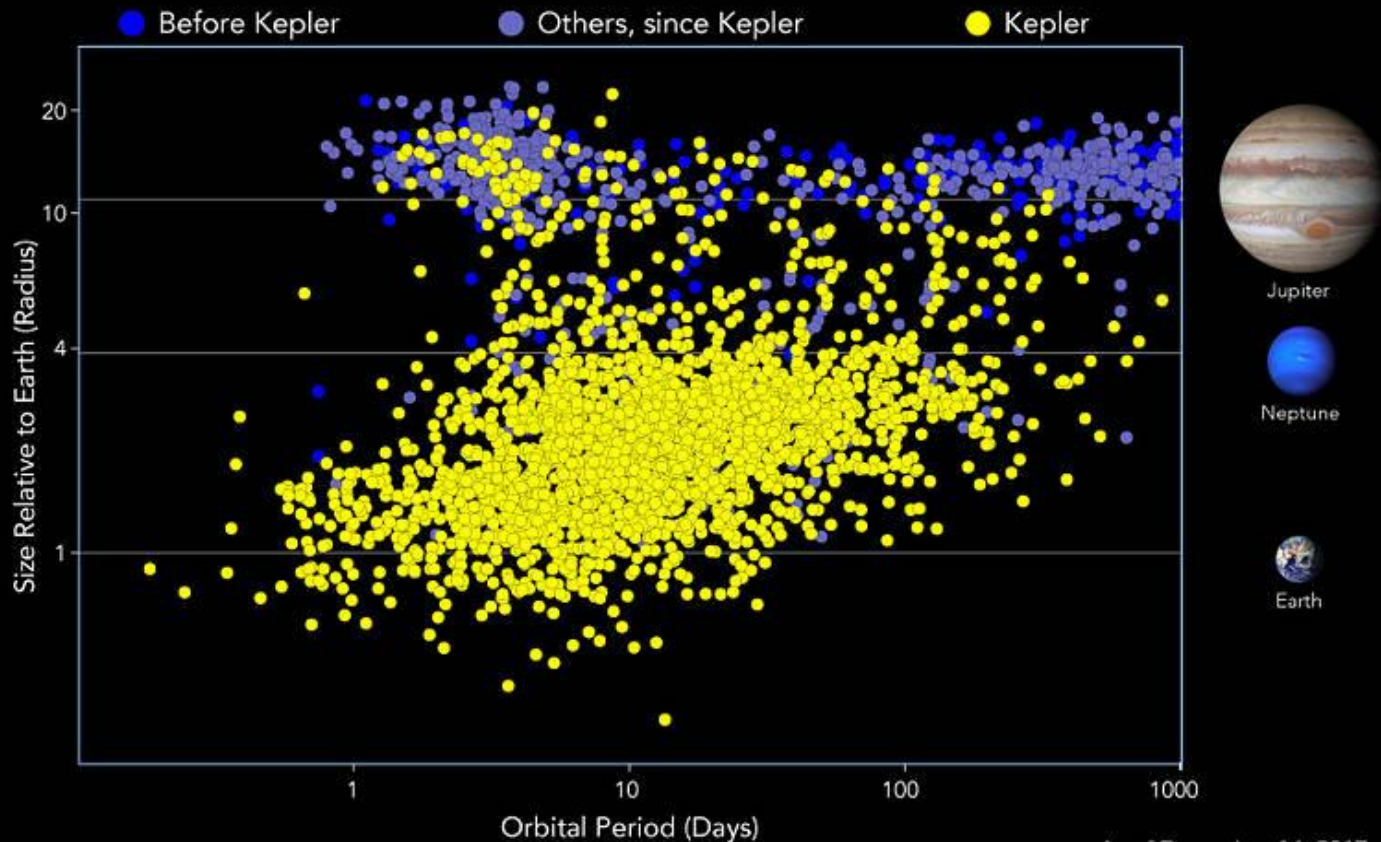
Buscar planetas como la Tierra alrededor de estrellas fuera de nuestro sistema solar.



Exoplanet Discoveries

Total
confirmed
exoplanets
= 3,567

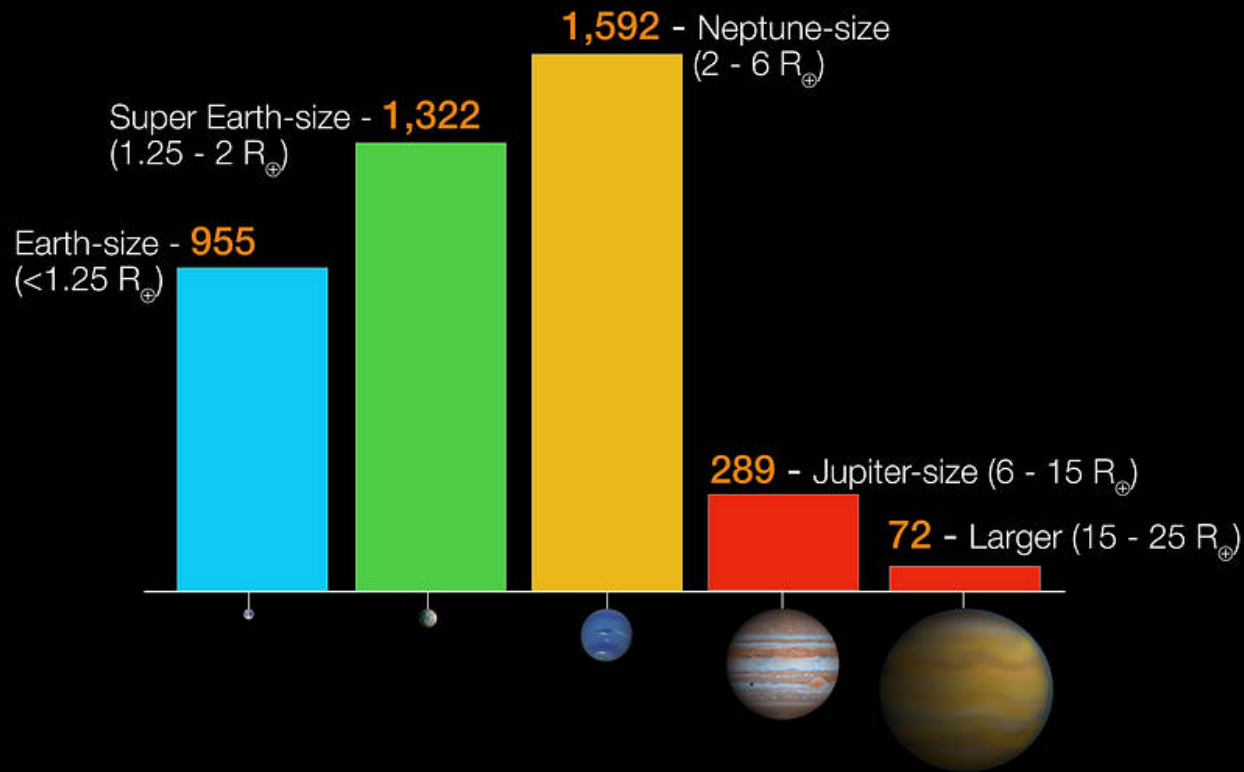
Total
Kepler
= 2,525



As of December 14, 2017

Sizes of Kepler Planet Candidates

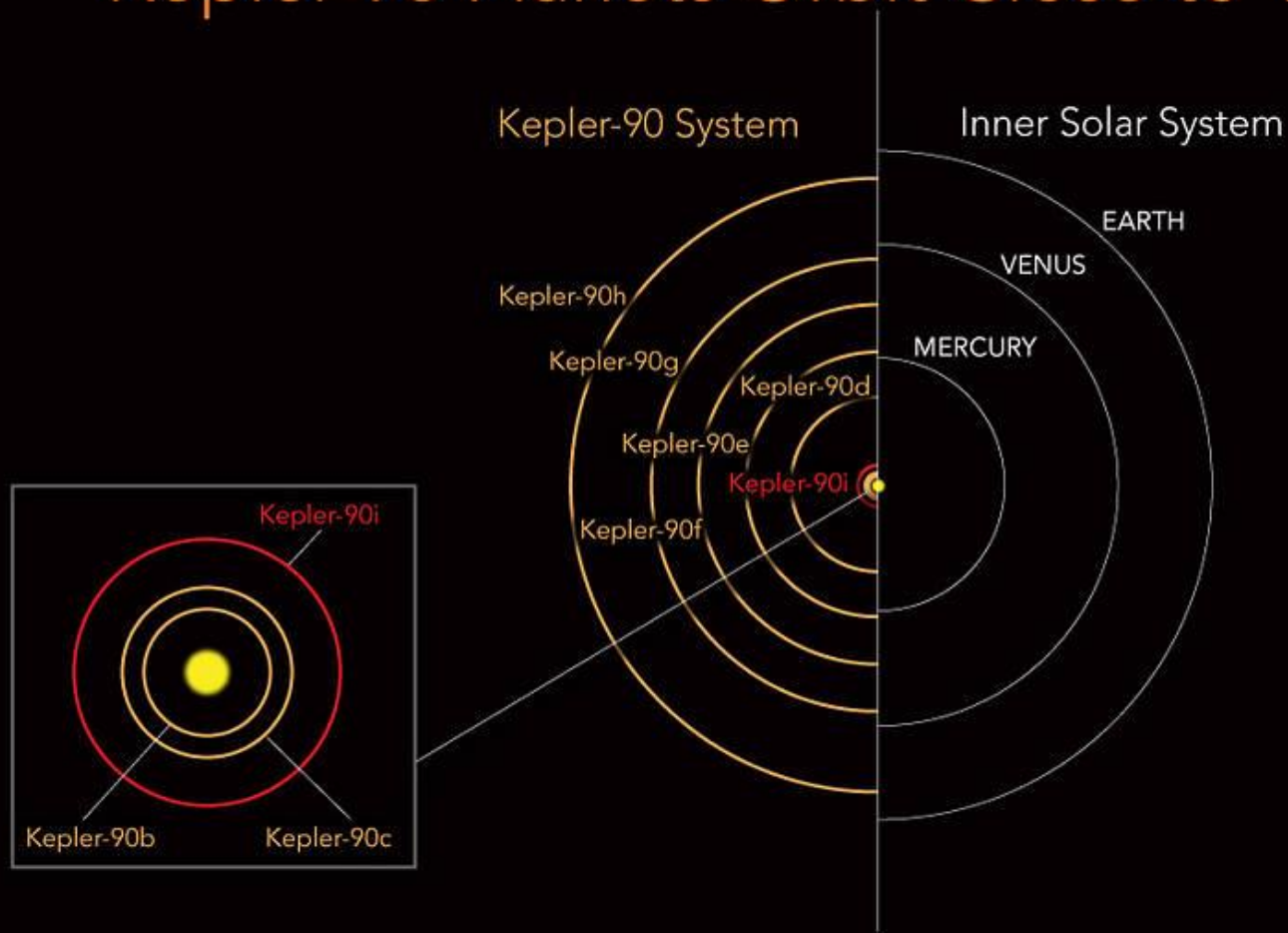
As of July 23, 2015



Planetary Systems by Number of Known Planets



Kepler-90 Planets Orbit Close to Their Star



ZONA DE HABITABILIDAD

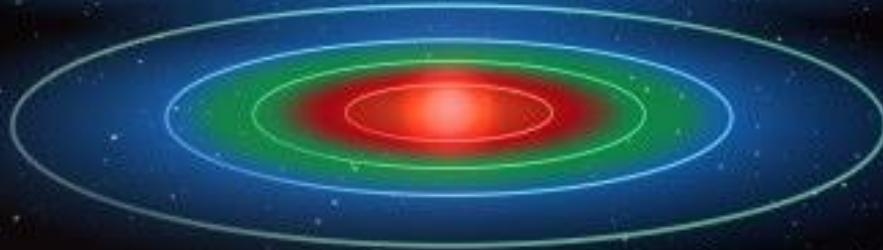
Estrellas más calientes

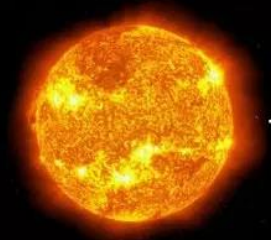


Estrellas similares al Sol



Estrellas más frías

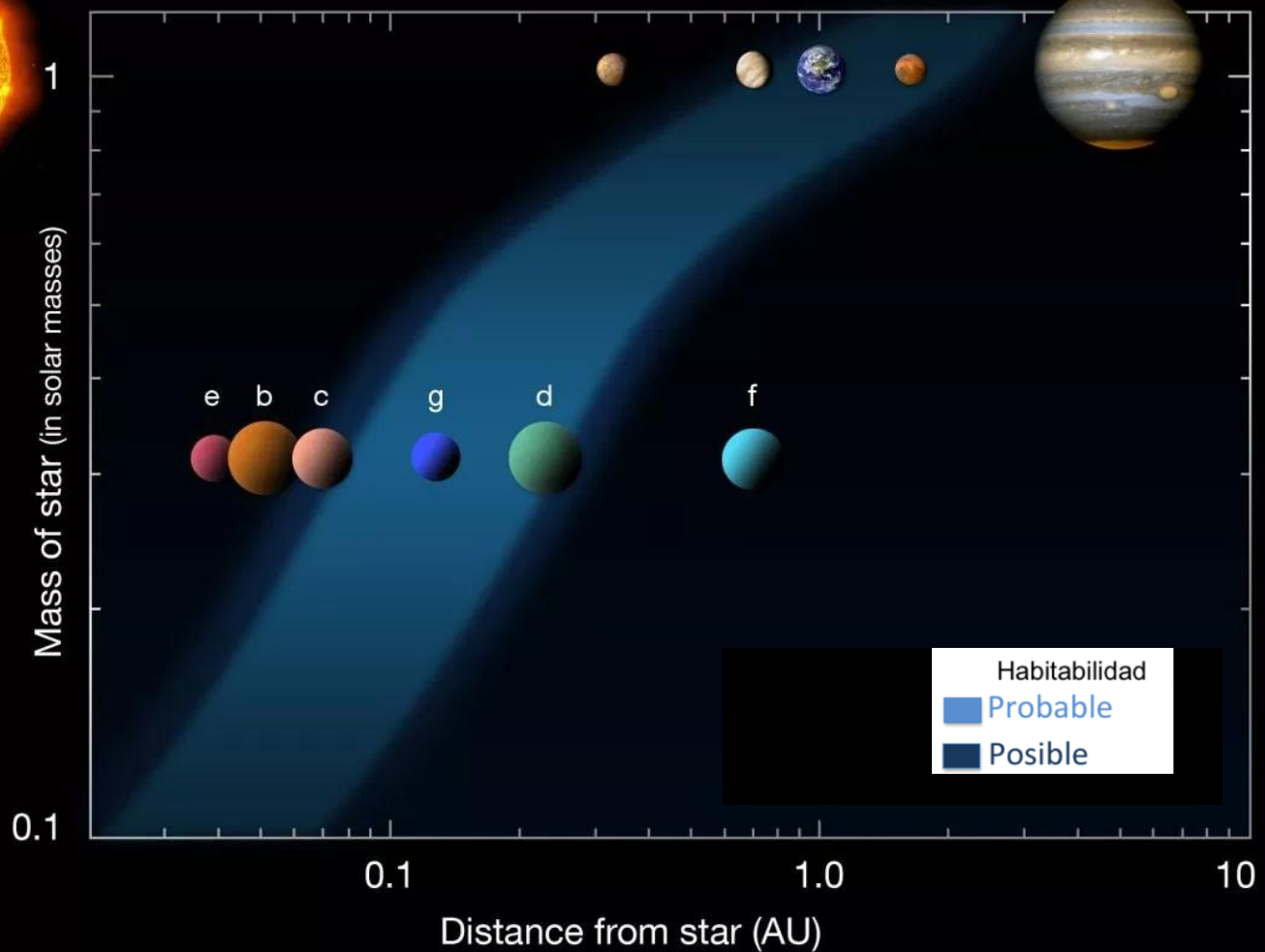


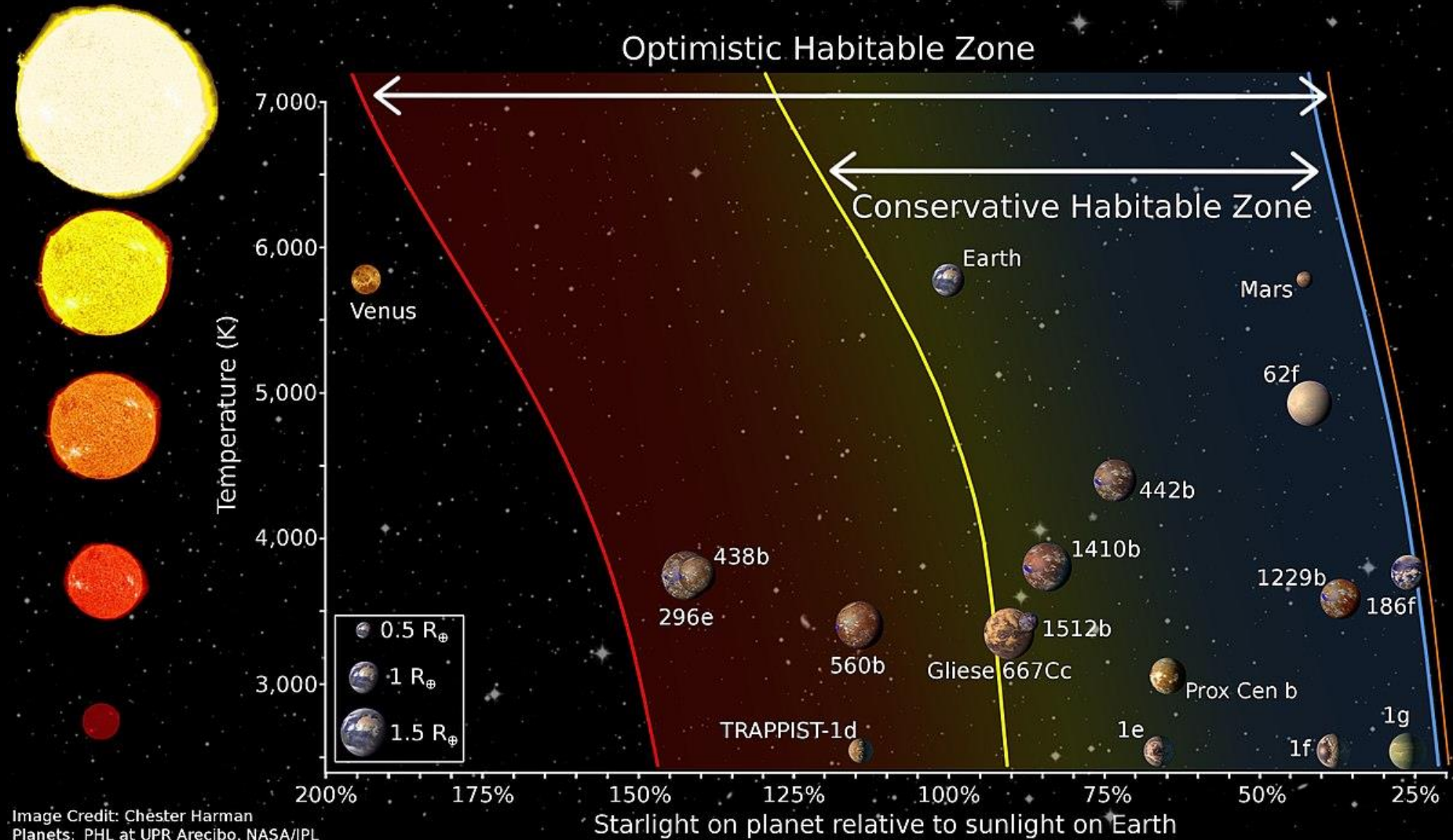


Sun



Gliese 581

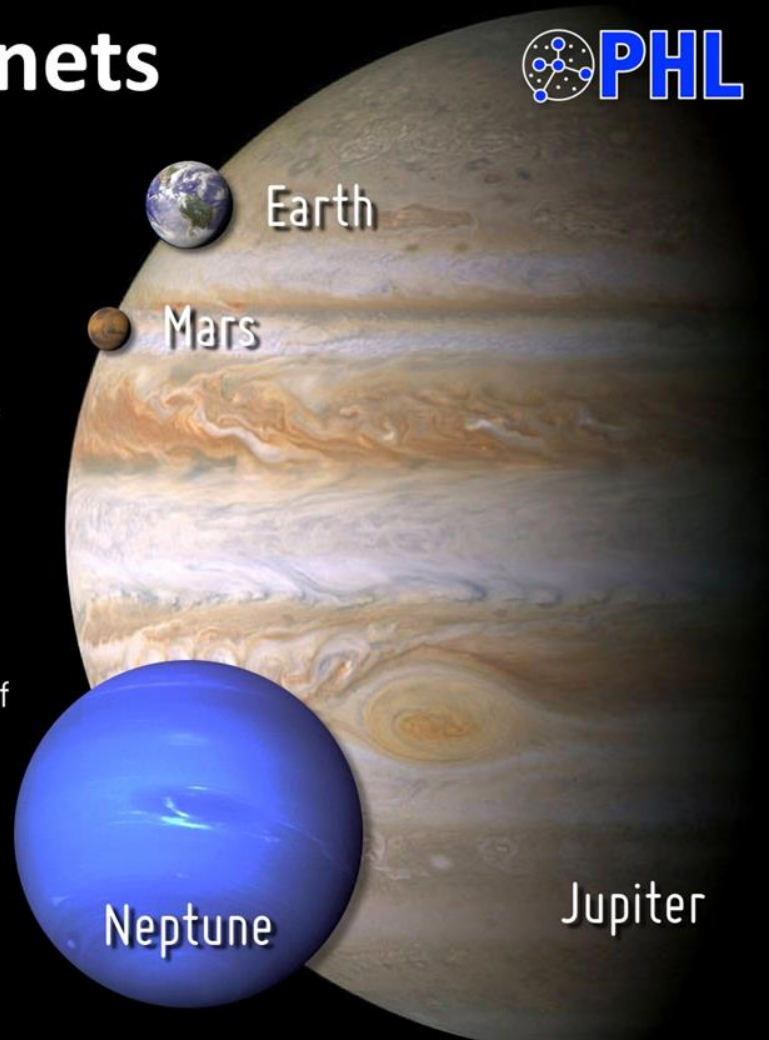




Potentially Habitable Exoplanets

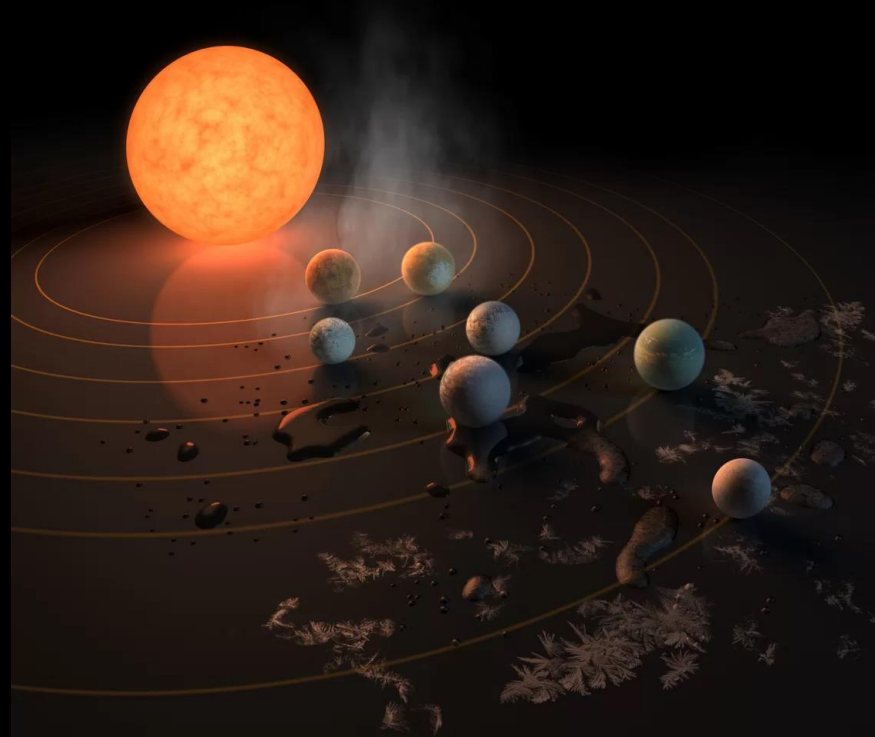
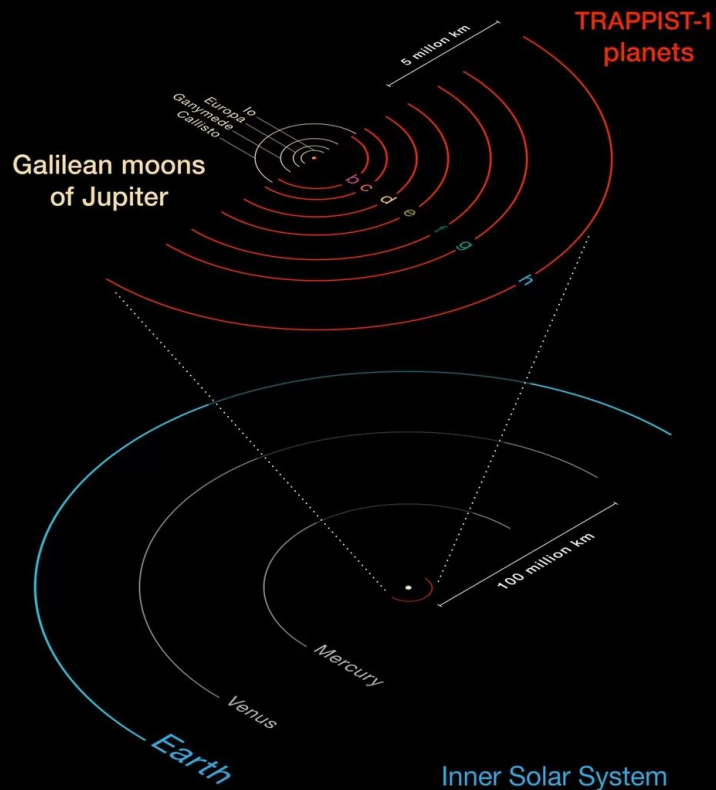
Ranked by Distance from Earth (light years)

				
[4.2 ly] Proxima Cen b	[13 ly] Kapteyn b*	[22 ly] GJ 667 C c	[22 ly] GJ 667 C e*	[22 ly] GJ 667 C f*
				
[39 ly] TRAPPIST-1 e	[39 ly] TRAPPIST-1 f	[39 ly] TRAPPIST-1 g	[41 ly] LHS 1140 b	[561 ly] Kepler-186 f
				
[770 ly] Kepler-1229 b	[1115 ly] Kepler-442 b	[1200 ly] Kepler-62 f		



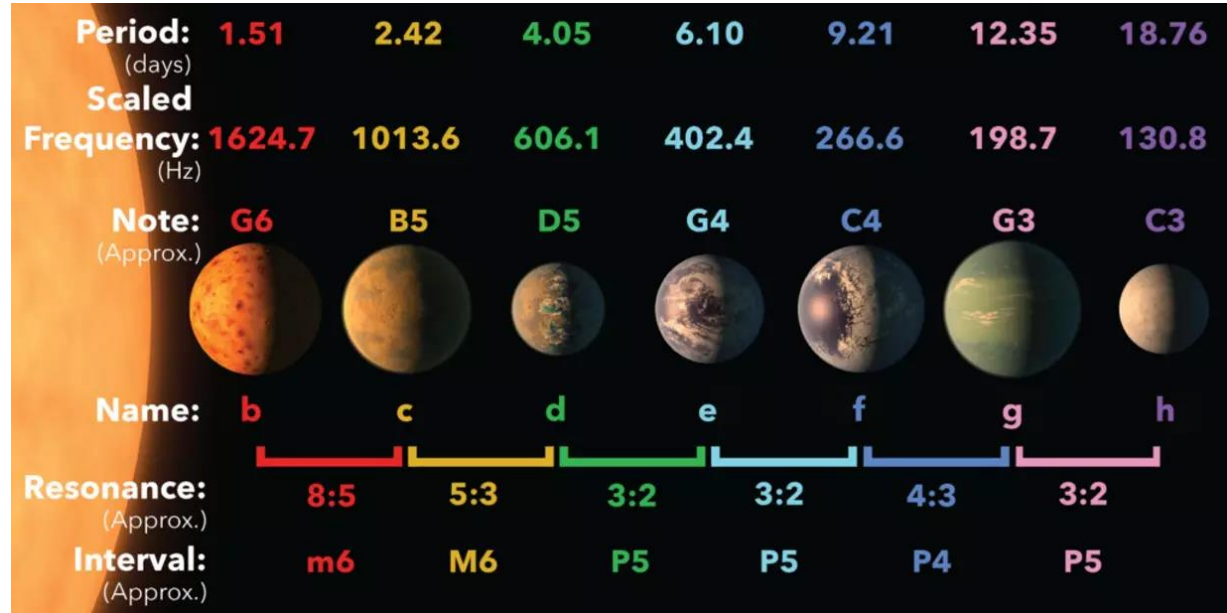
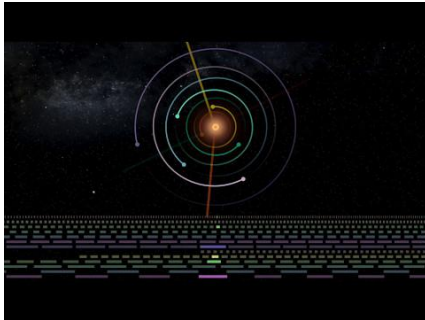
Orbit Comparison

between TRAPPIST-1 planets, Galilean moons of Jupiter and inner Solar System



Resonancia

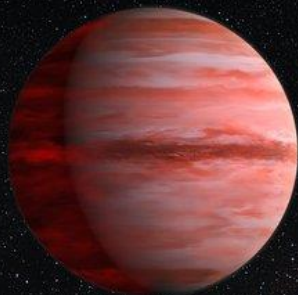
- Las órbitas de las planetas tiene un ritmo







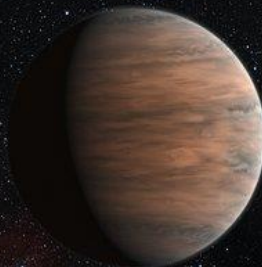
WASP-12b



WASP-6b



WASP-31b



WASP-39b



HD189733b



HAT-P-12b



WASP-17b



WASP-19b



HAT-P-1b



HD209458b



