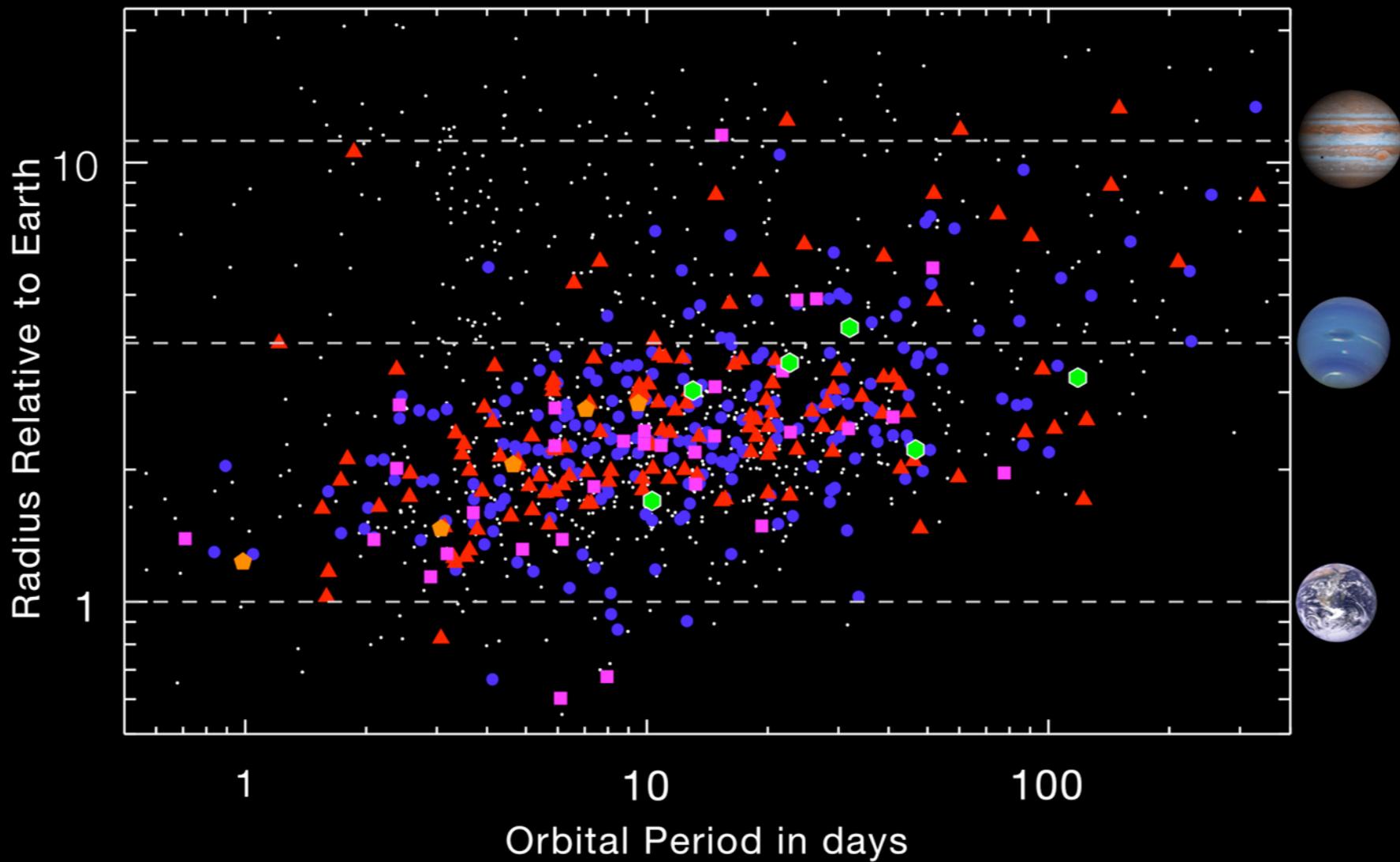
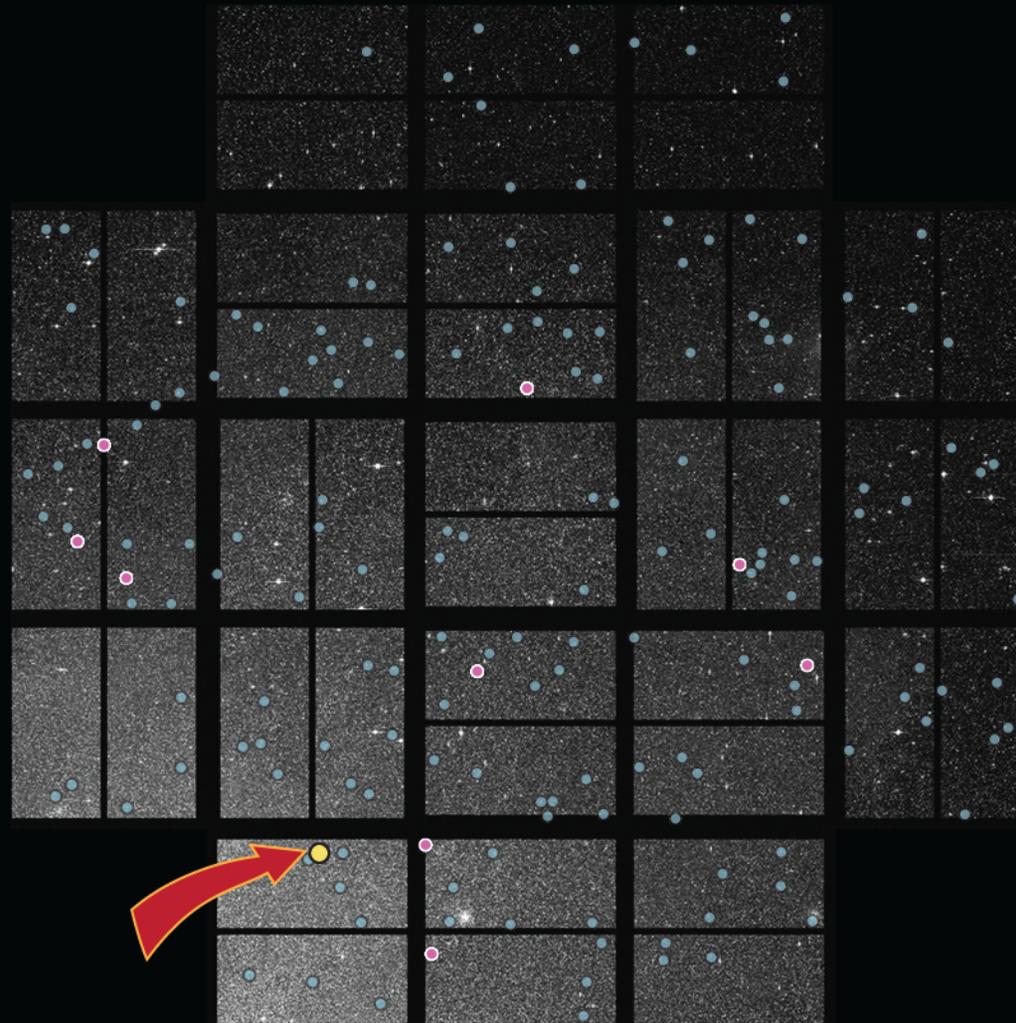
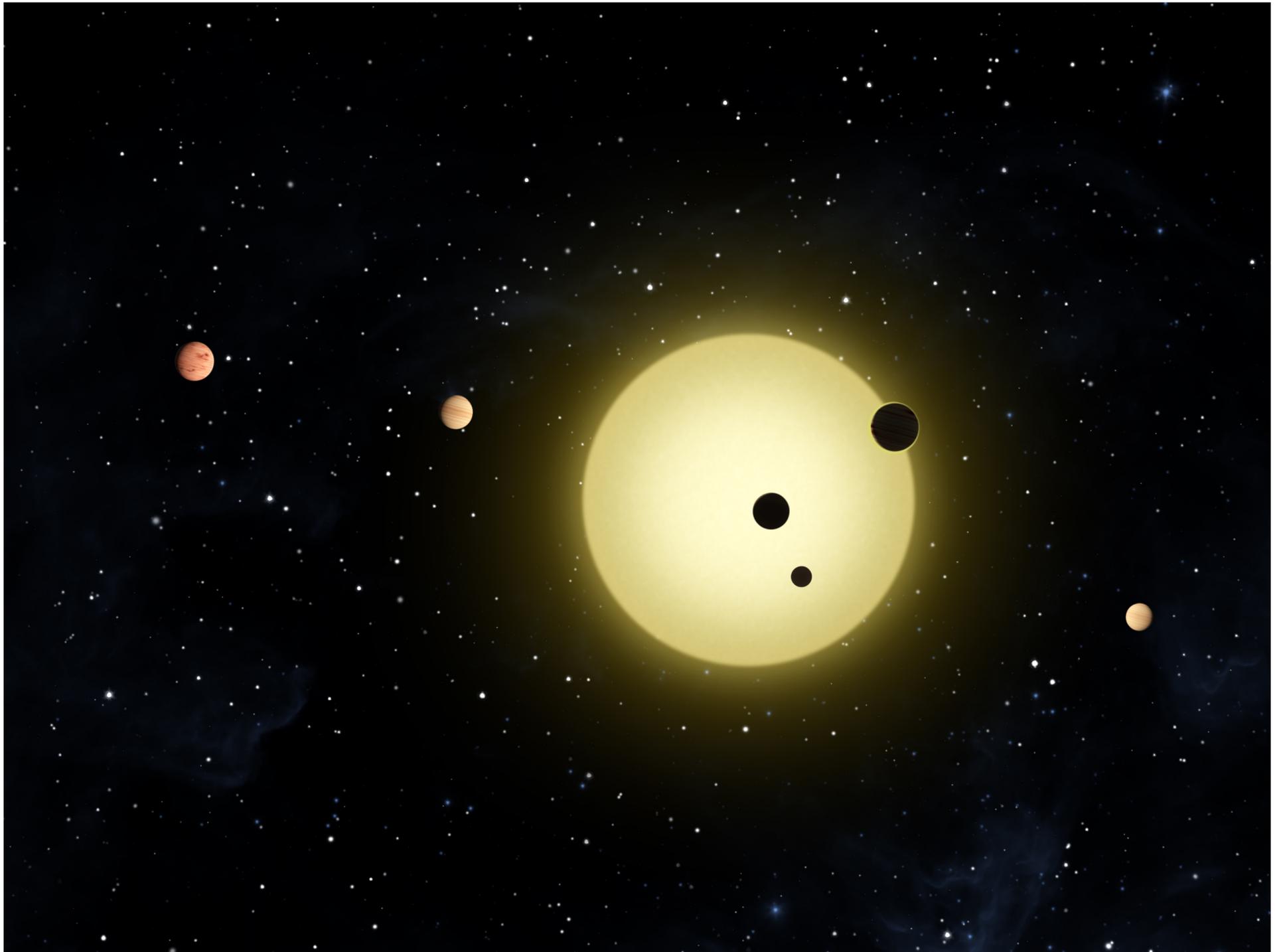


# Candidate Multi-Planet Systems



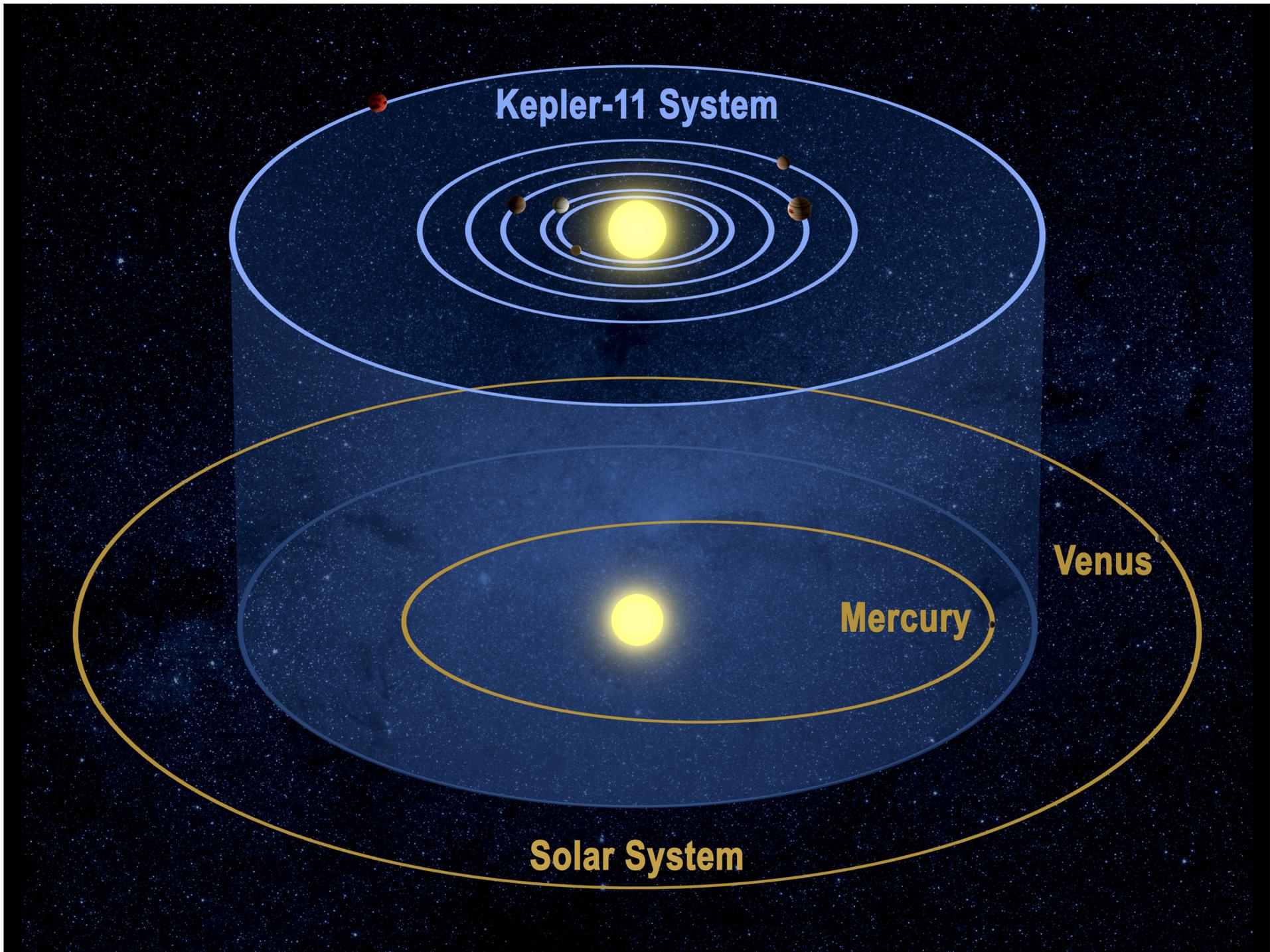
# Kepler-11: Six Planets





Jack's presentation

Play animation now



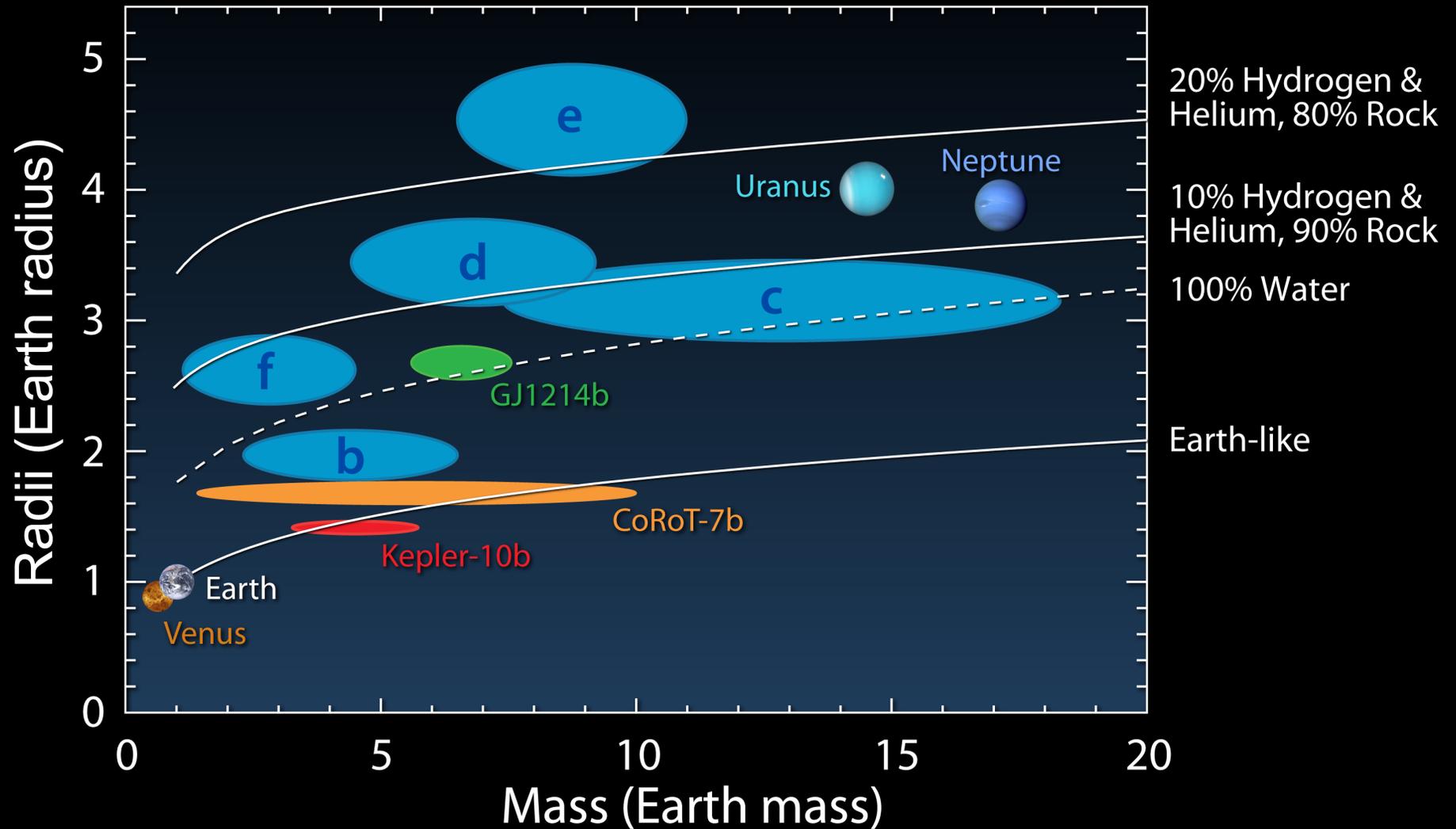
**Kepler-11 System**

**Venus**

**Mercury**

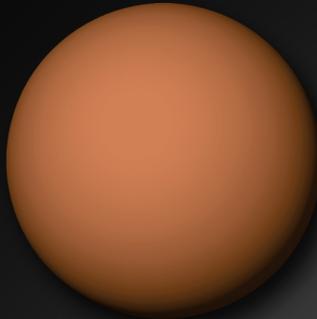
**Solar System**

# Composition of Kepler-11 Planets



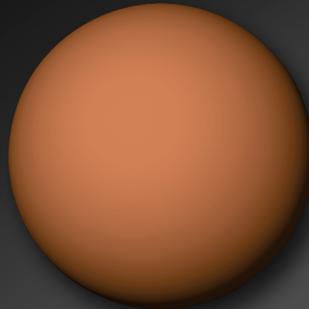
# Planet Sizes

Kepler-7b



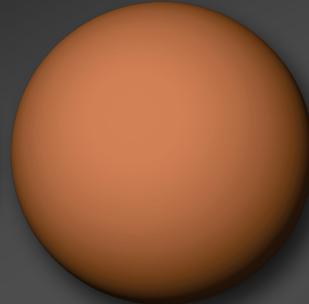
16.52  $R_E$

Kepler-5b



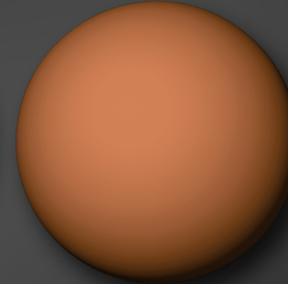
16.00  $R_E$

Kepler-8b



15.86  $R_E$

Kepler-6b



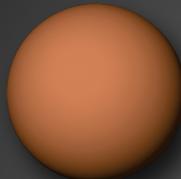
14.79  $R_E$

Jupiter



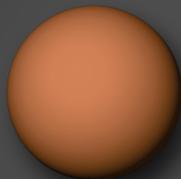
11.2  $R_E$

Kepler-9b



9.4  $R_E$

Kepler-9c



9.2  $R_E$

Kepler-4b



3.99  $R_E$

Kepler-9d



1.64  $R_E$

Kepler-10b



1.42  $R_E$

Earth



Kepler-11b



1.97  $R_E$

Kepler-11c



3.15  $R_E$

Kepler-11d



3.43  $R_E$

Kepler-11e



4.52  $R_E$

Kepler-11f



2.61  $R_E$

Kepler-11g



3.66  $R_E$

# Summary

- Kepler-11 is a surprisingly flat system of six planets.
- The five inner planets comprise the most closely-spaced planetary system known.
- The planets are mid-sized: 2-5 times as large as Earth.
- Most have low densities, implying mixtures of solids and light gases.

