



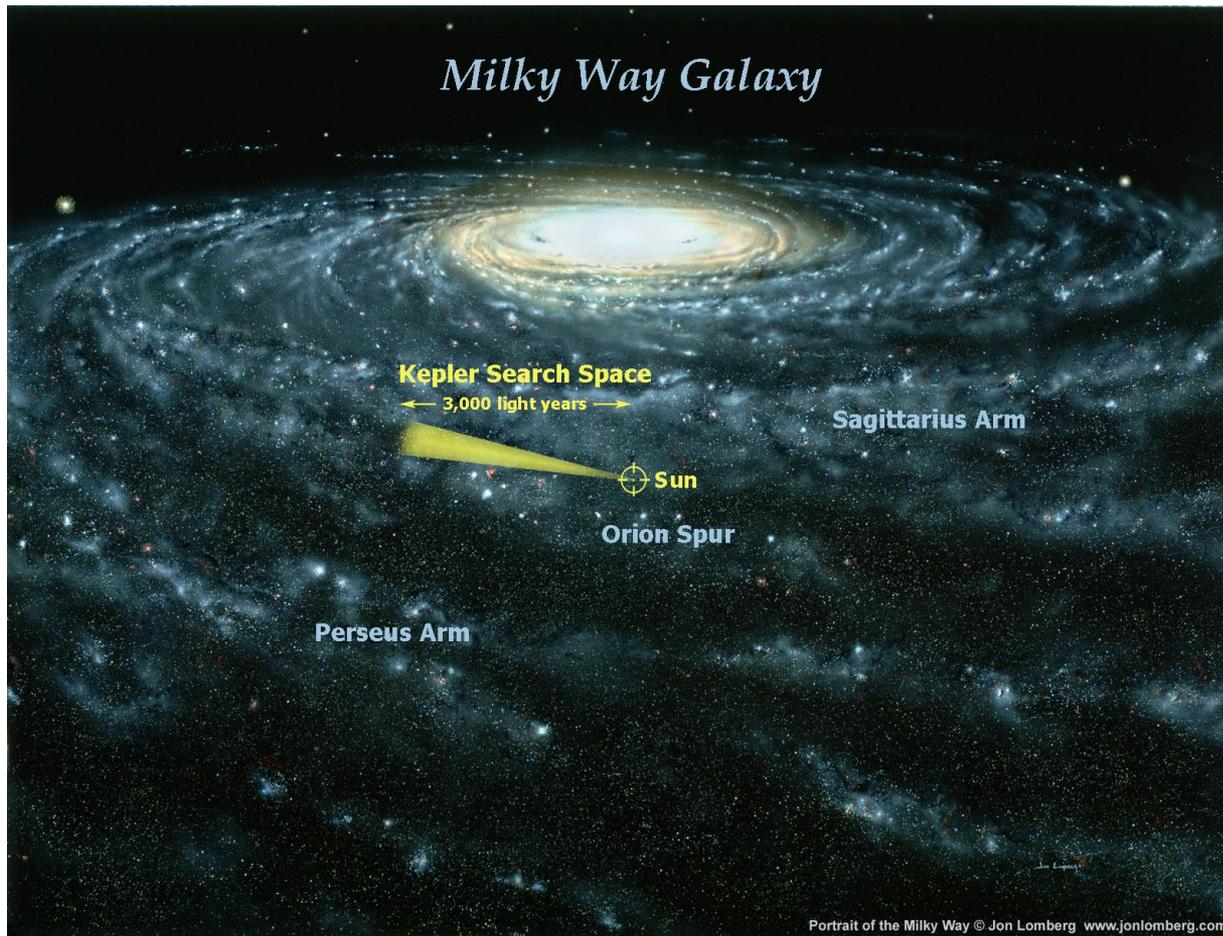
# Kepler Space Telescope

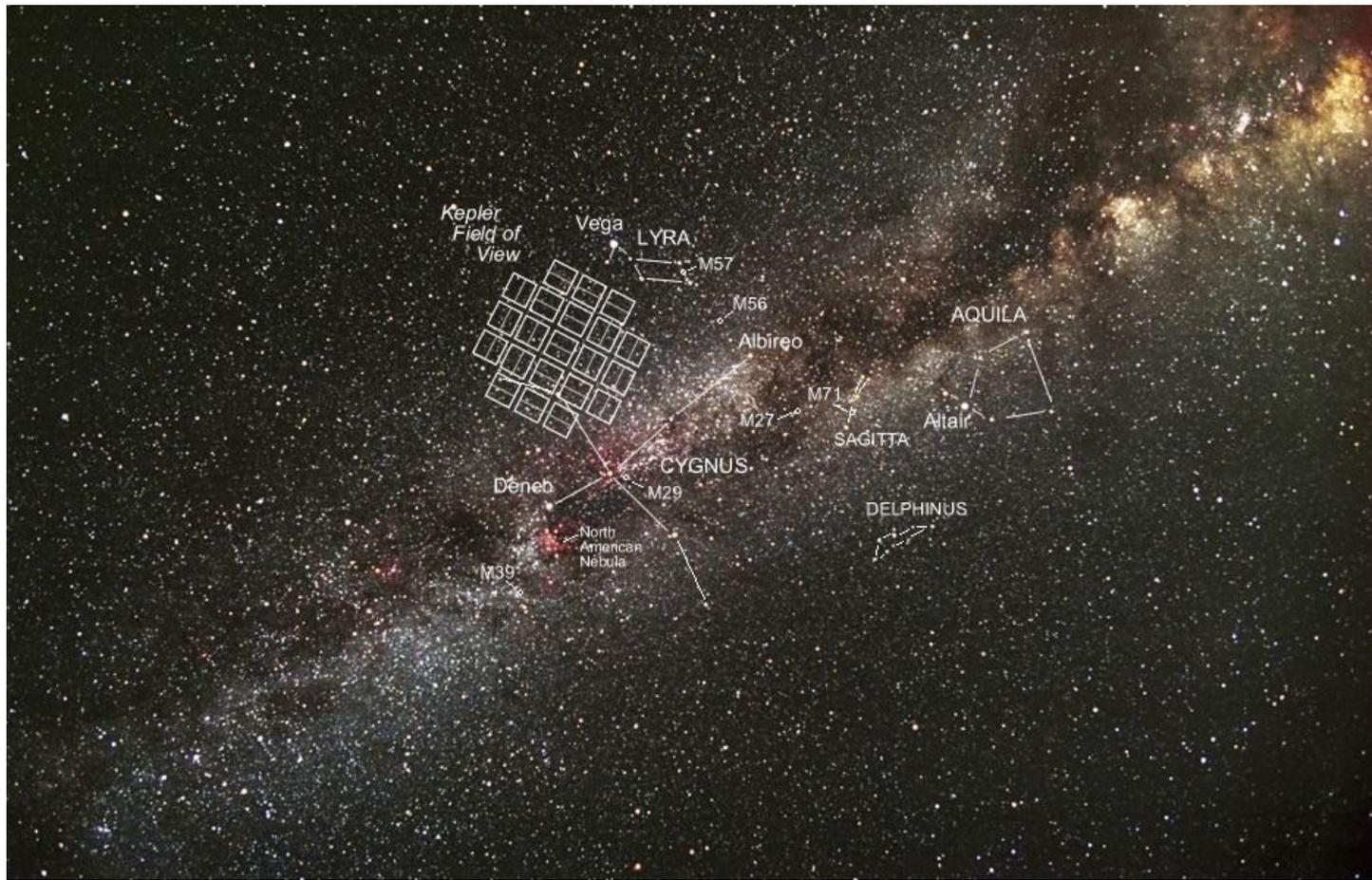
Earth-like planets around Sun-like stars

**Guy Davies**



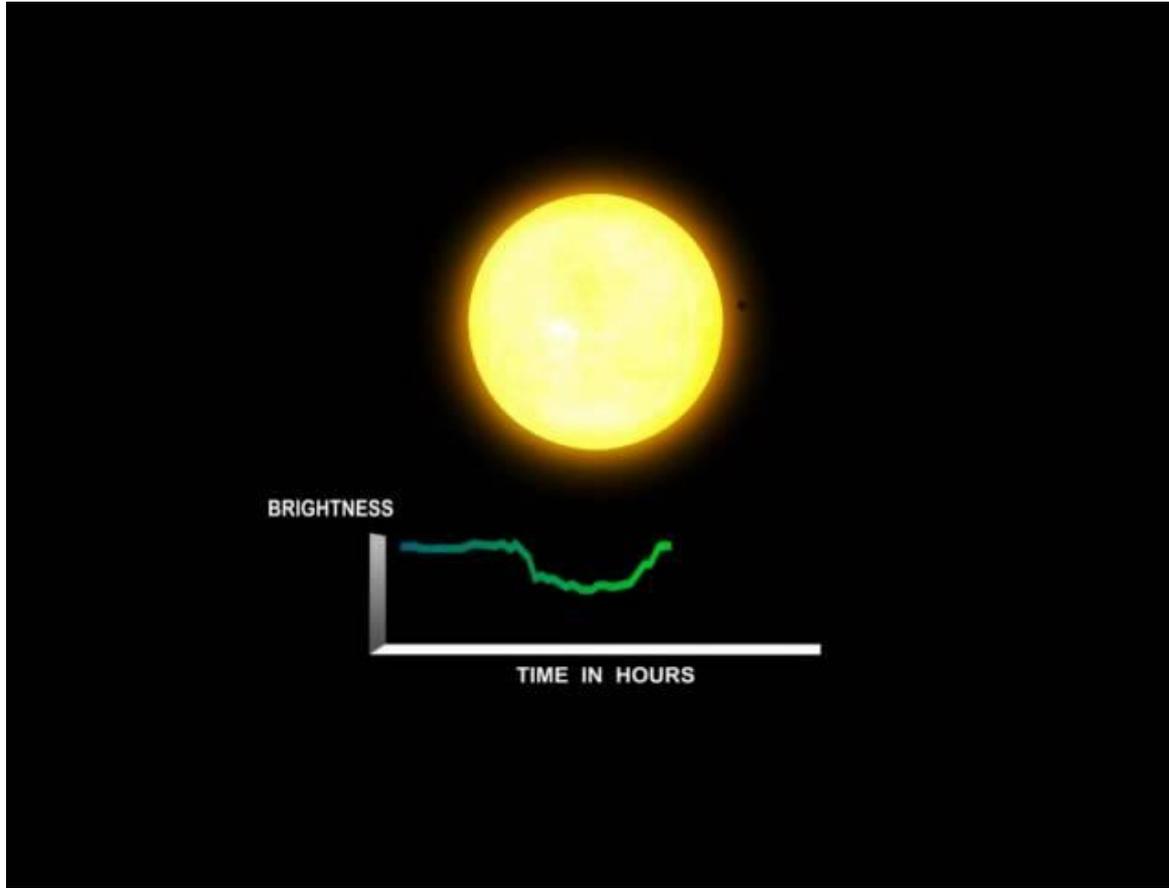
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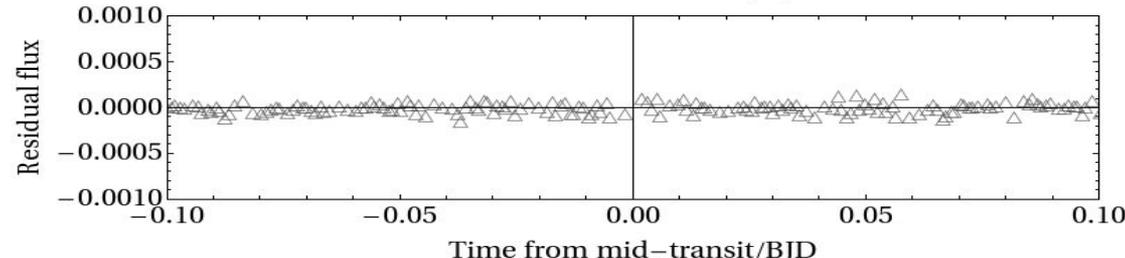
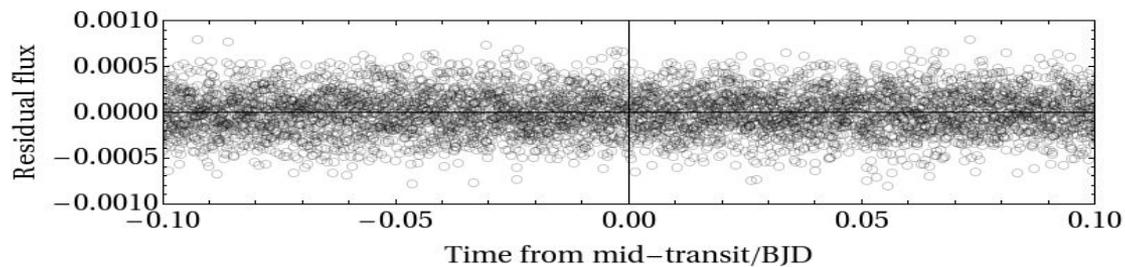
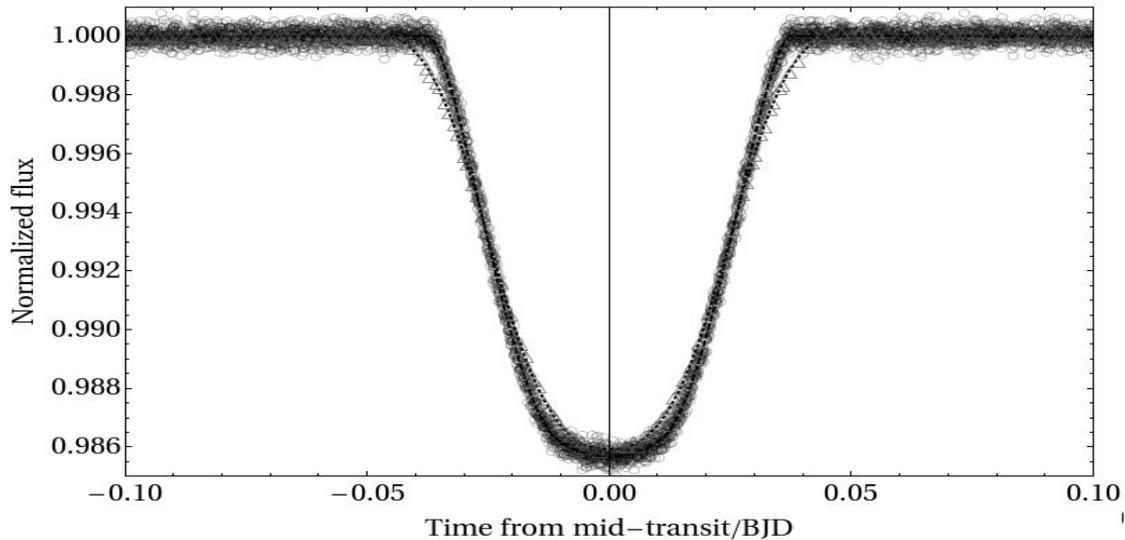


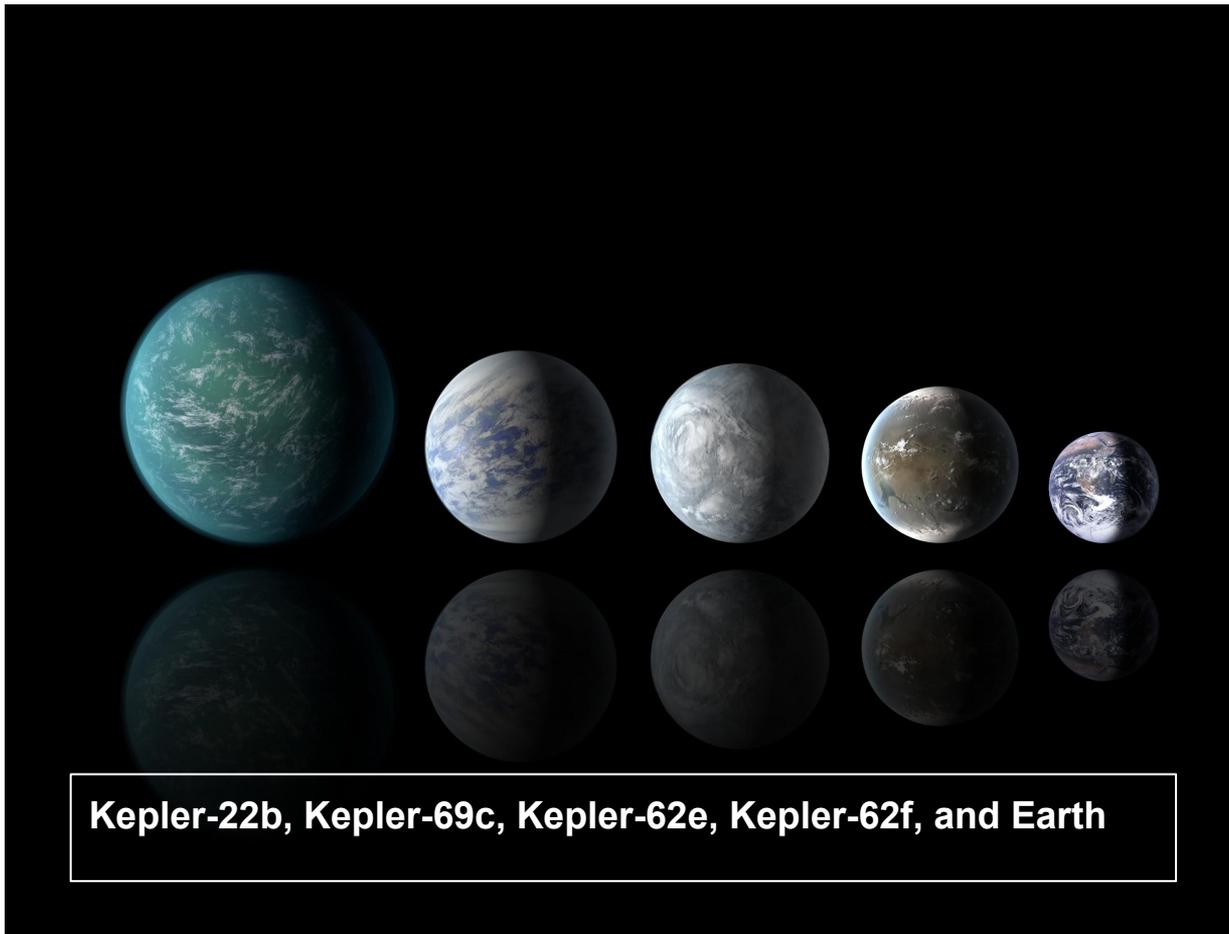
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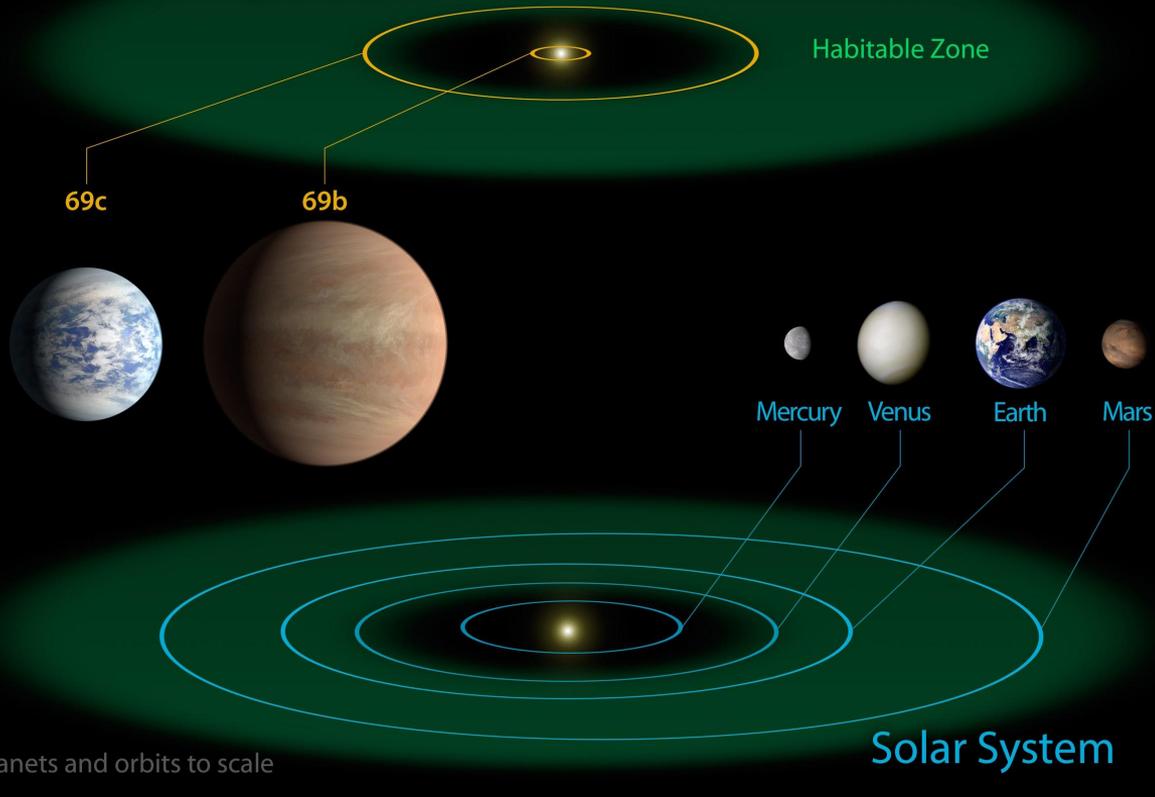
Kepler-2b or  
Hat-p-7

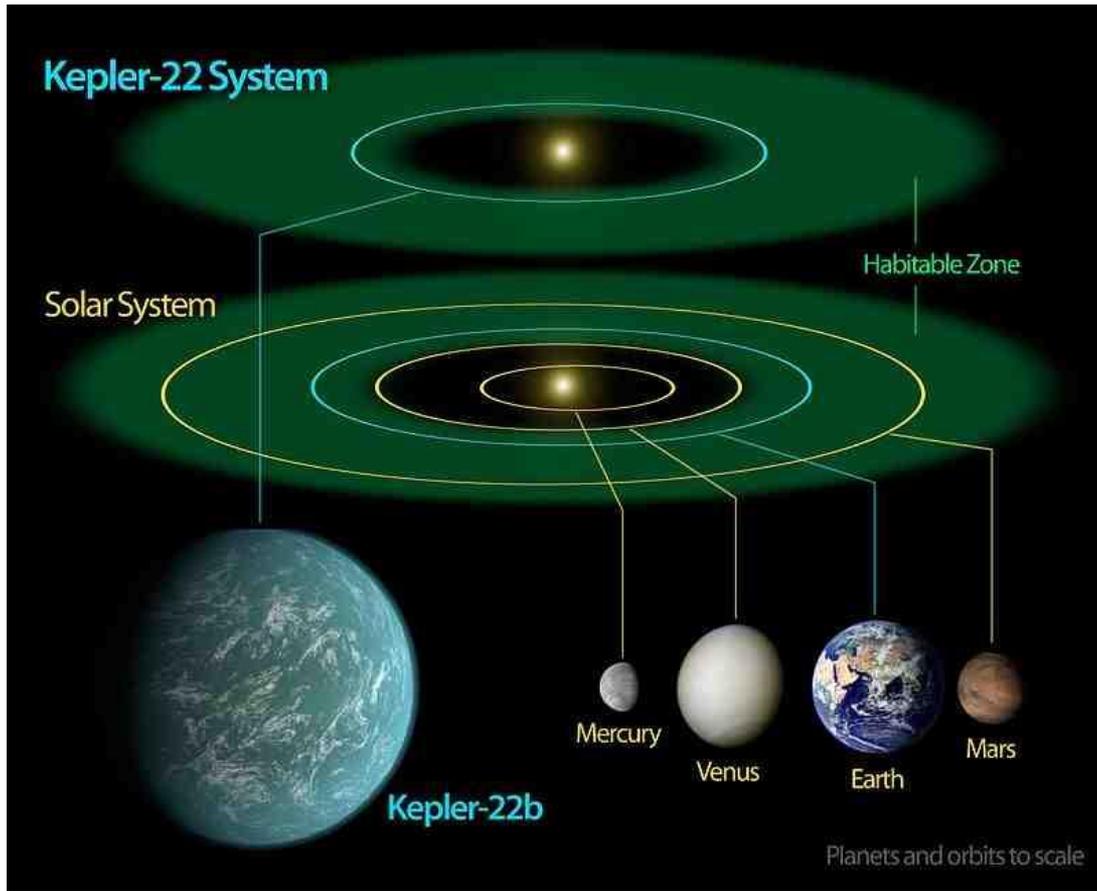
Planet bigger  
than Jupiter  
and close in.





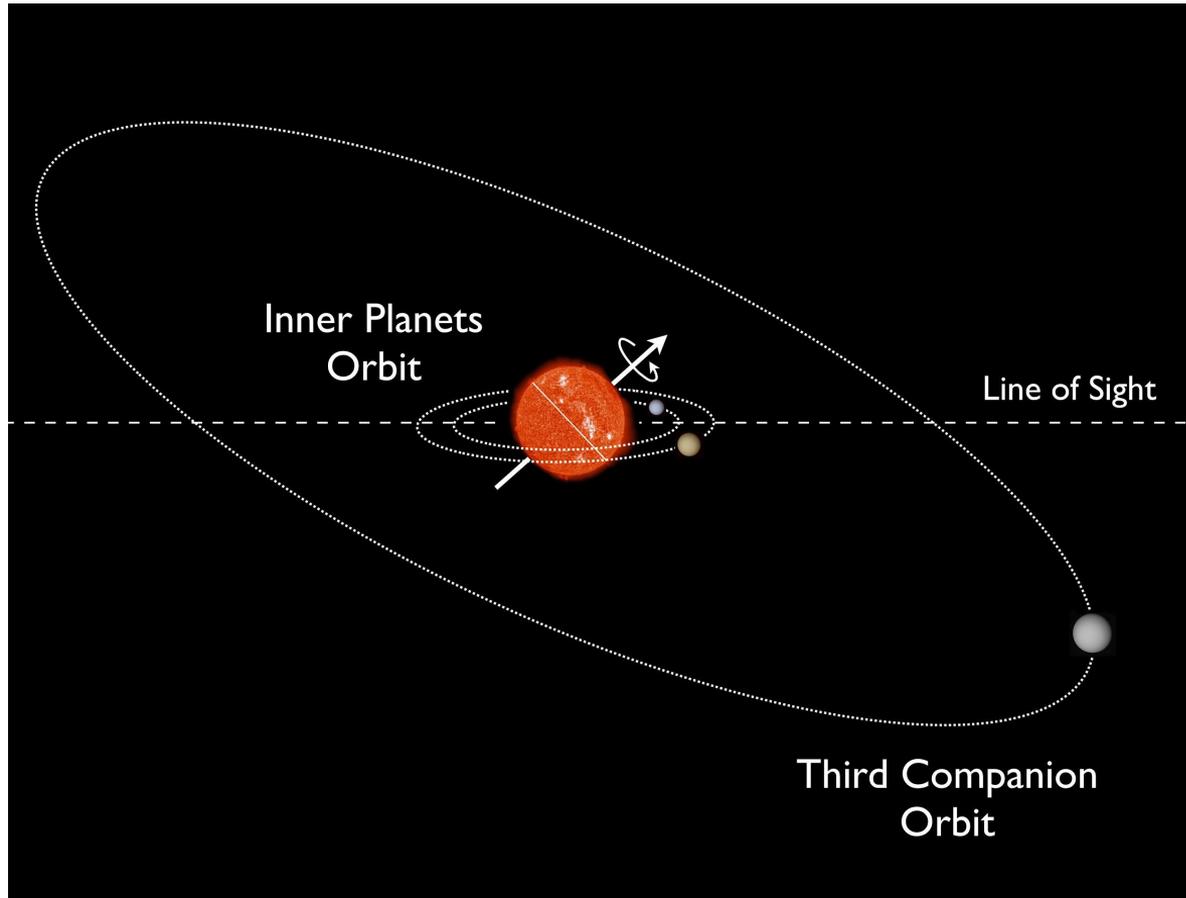
# Kepler-69 System







Age of the system:  
11.5 Billion years old!



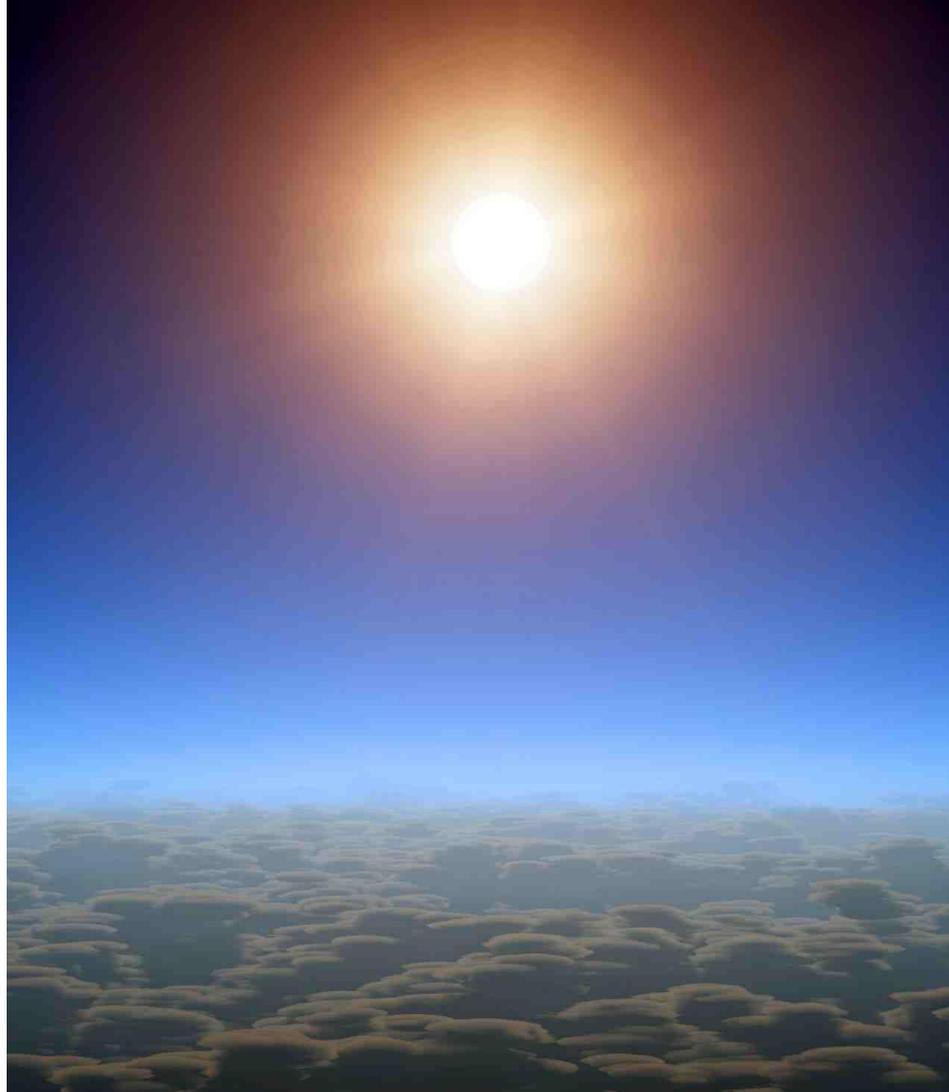
Kepler-56

Hat-p-11 or Kepler-3b:

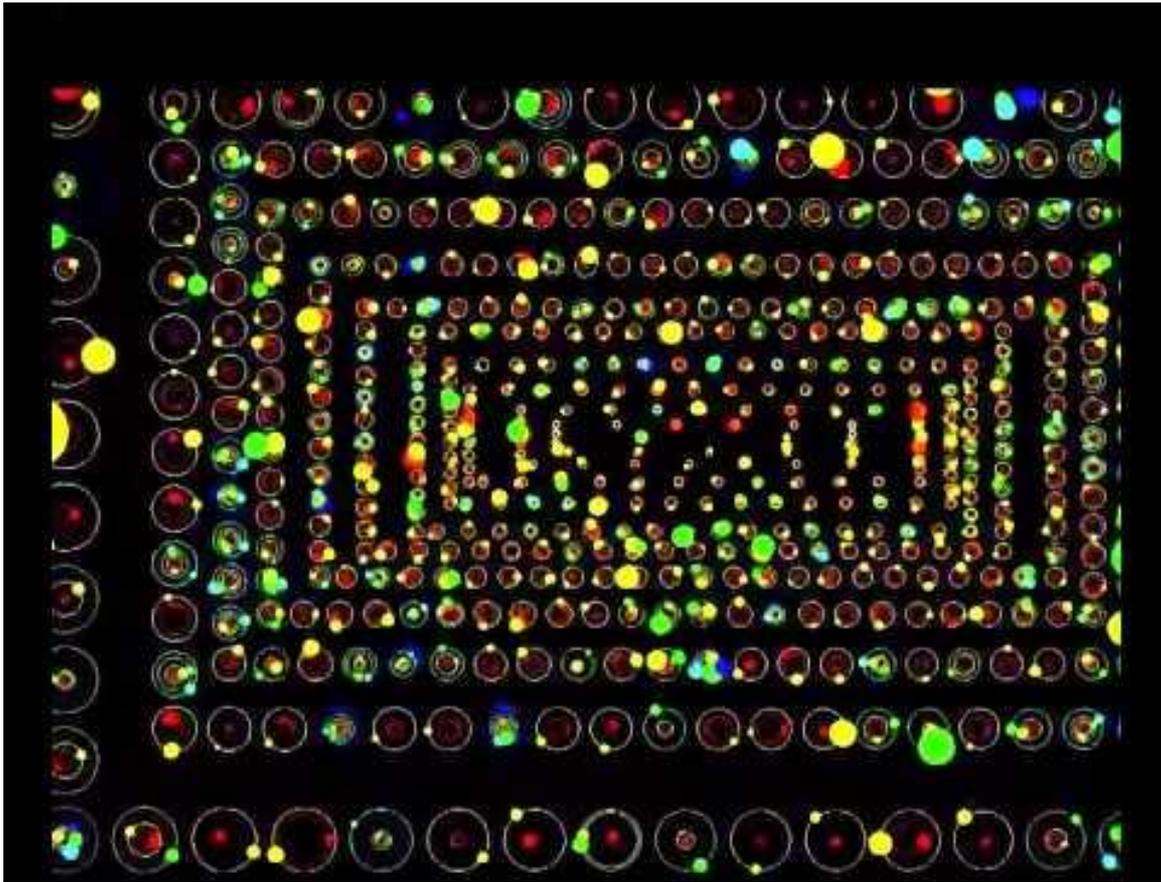
Water vapour detected.

Neptune size planet.

Surface temperature ~605 deg C.



Credit: NASA/  
JPL Caltech



**Average number of planets per star: ~5**

**Percentage of Sun-like stars with Earth-like planets: 22%**