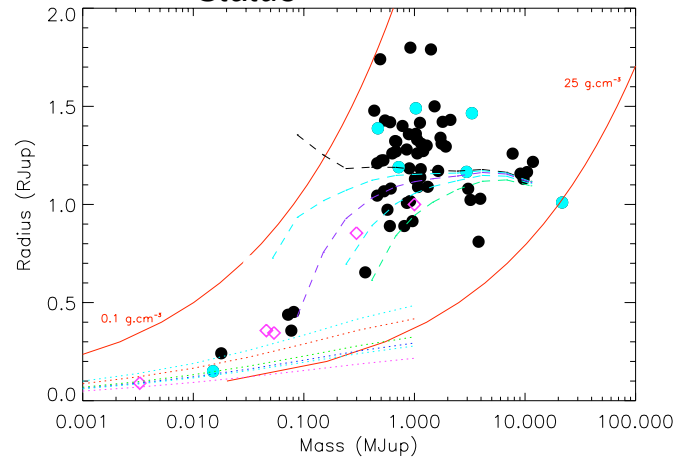
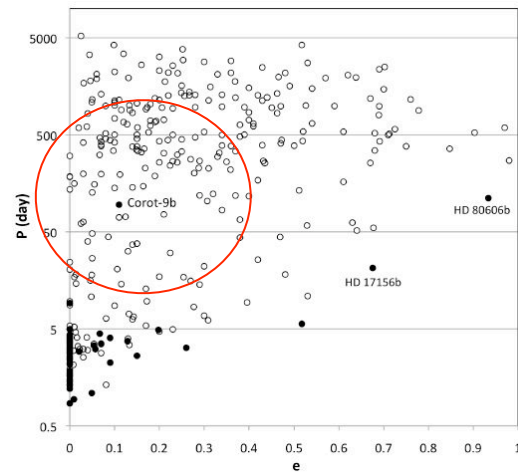


# Exoplanet program Status



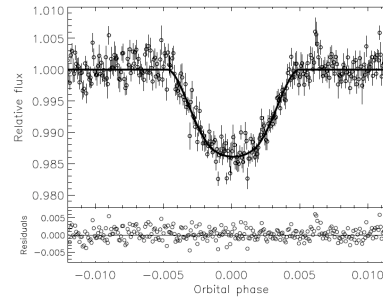
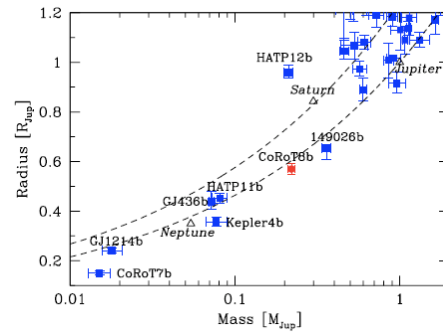
• 7 planets published

• CoRoT-9b : in *Nature* - Press announcement March 18th



orbital period = 95.27 days  
 $M_{\text{Planet}} = 0.84 \pm 0.07 M_{\text{Jupiter}}$   
 $R_{\text{Planet}} = 1.05 \pm 0.04 R_{\text{Jupiter}}$   
Density =  $0.90 \pm 0.13 \text{ g cm}^{-3}$   
First transiting planet that belongs to the largest known group of planets

• CoRoT-8b, 10b → xx : April 18th



CoRoT-8b : Bordé et al.  
 K1V  
 orbital period = 6.2 days  
 $M_{Planet} = 0.22 \pm 0.03 M_{Jupiter}$   
 $R_{Planet} = 0.57 \pm 0.02 R_{Jupiter}$   
 Density =  $1.6 \pm 0.1 \text{ g cm}^{-3}$

CoRoT-10b : Bonomo et al.  
 K1V  
 orbital period = 13.2 days  
 $e = 0.53 \pm 0.03$   
 $M_{Planet} = 2.65 \pm 0.12 M_{Jupiter}$   
 $R_{Planet} = 0.86 \pm 0.06 R_{Jupiter}$   
 Density =  $5.24 \pm 1.01 \text{ g cm}^{-3}$

