Patterns of Planet Occurrence Measured by Doppler and Transit Surveys

Dr. Andrew Howard  
howard@astro.berkeley.edu  
UC Berkeley

Abstract: The distribution of planets as a function of their size, orbital period, and host star properties offers key probes of planet formation, migration, and evolution. I will review these patterns of planet occurrence as measured by Doppler and transit surveys and will describe what we have learned about the physical states and evolutionary histories of planetary systems.