Planet Abundance from PLANET 2002-07 Observations

Dr. Arnaud Cassan
cassan@iap.fr
Institut d'Astrophysique de Paris

Abstract: We report a statistical analysis of microlensing observations gathered in 2002-07 by the PLANET collaboration, using a uniform observing strategy based on OGLE alerts. These data are used to put constraints on the planetary mass function for orbits within 0.5-10 AU and masses between 5 Me-10 Mj. We will discuss the derived planetary abundances as a function of planet mass.