

Wednesday August 29, 2012

Planets in and around Binary Stars, Trojan Planets, Exomoons

(Chair: *Natalie Batalha*)

- 10:30 – 10:45 **Recent Kepler Results on Circumbinary Planets**
William Welsh (San Diego State University)
- 10:45 – 11:00 **Prospects of the Detection of Additional Circumbinary Extrasolar Planets**
Tobias Hinse (Korea Astronomy and Space Science Institute)
- 11:00 – 11:15 **On the Habitability of Terrestrial Planets in Binary Star Systems**
Elke Pilat-Lohinger (Institute of Astrophysics, University of Vienna)
- 11:15 – 11:30 **Habitability of Planet-Hosting Binary Star Systems: Calculating Habitable Zone for Circumprimary and Circumbinary Planets**
Nader Haghighipour (Institute for Astronomy, University of Hawaii)
- 11:30 – 11:45 **Mutual Inclinations of Multi-Planet Systems and Circumbinary Planets and the Assembly of Proto-Planetary Disks**
Dong Lai (Cornell University)
- 11:45 – 12:00 **Trojans in Exosystems with Two Massive Planets**
Rudolf Dvorak (Institute of Astrophysics, University of Vienna)
- 12:00 – 12:15 **Exomoon Habitability Constrained by Illumination and Tidal Heating**
René Heller (Leibniz-Institute for Astrophysics)
- 12:15 – 12:30 **Exoplanets Behaving Badly with Their Host Stars: Evidence of Transfer of Planet Orbital Angular Momentum to Their Host Stars - Case Study of the Hot Jupiter System HD 189733 (and other examples)**
Edward Guinan (Villanova University)
- 12:30 – 14:00 **Lunch Break**