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