Tuesday August 28, 2012

8:30 – 10:00  The Kepler Mission: NASA's ExoEarth Census (Plenary Invited)
              Natalie Batalha (Kepler Team, NASA Ames)

10:00 – 10:30  Break

Kepler Mission and Other Techniques (Chair: Andrew Howard)

10:30 – 10:45  Eta-Sub-Earth: New Projection from Kepler Data
                Wesley Traub (JPL)

10:45 – 11:00  The Kepler Completeness Study: Implications for Rocky Planets
                Jessie Christiansen (SETI, NASA Ames)

11:00 – 11:15  Auto-Vetting Transiting Planet Candidates Identified by the Kepler
                Science Pipeline
                Jon Jenkins (SETI, NASA Ames)

11:15 – 11:30  Evidence for Solid Planets from Kepler's Near-Resonance Systems
                Man Hoi Lee (The University of Hong Kong)

11:30 – 11:45  On the Asymmetrical Distribution of Kepler's Near-Resonance Planets
                Ji-Wei Xie (University of Toronto)

11:45 – 12:00  Kepler's Rocky Planets Orbiting M Dwarfs
                John Johnson (Caltech)

12:00 – 12:15  Detection and Characterization of Transiting Systems with Smaller Exoplanets
                Teruyuki Hirano (Universit of Tokyo)

12:15 – 12:30  Microarcsecond Relative Astrometry from the Ground Using a Diffractive
                Mask and Multi-Conjugate Adaptive Optics
                Mark Ammons (Lawrence Livermore National Laboratory)

12:30 – 14:00  Lunch Break

Terrestrial Planets in Solar System and Earth’s Water
(Chair: Rudolf Dvorak)

14:00 – 14:30  The Basic Dynamical Model of Terrestrial Planet Formation (Invited)
                Eiichiro Kokubo (National Astronomical Observatory of Japan)

14:30 – 15:00  Shaping of the Inner Solar System by the Gas-Driven Migration
                of Jupiter (Invited)
                Kevin Walsh (Southwest Research Institute)
15:00 – 15:15  Main-Belt Comets as Tracers of Ice in the Inner Solar System  
Henry Hsieh (IfA, Hawaii)

15:15 – 15:30  Frozen Volatiles in Comets and on the Moon  
Rita Schulz (ESA)

15:30 – 16:00  Break

Terrestrial Planets and Water Delivery in Extrasolar Planets  
(Chair: Rudolf Dvorak)

16:00 – 16:30  The Elemental Compositions of Extrasolar Planetesimals (Invited)  
Michael Jura (UCLA)

16:30 – 16:45  Possible Signs of Water in an Extrasolar Asteroid  
Jay Farihi (University of Cambridge)

16:45 – 17:00  Migration & Extrasolar Terrestrial Planets: Watering the Planets  
Jade Carter-Bond (University of New South Wales)

17:00 – 17:15  Observations of Terrestrial Planet Formation  
Carl Melis (University of California, San Diego)

17:15 – 17:30  Terrestrial Planet Formation in a Triple Stellar System  
Othon Winter (UNESP, Brazil)