

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 (University 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)