

Friday August 31, 2012

Super-Earths and their Interior Dynamics (Chair: *Ji-Lin Zhou*)

8:30 – 9:00 **Habitable planets: Interior Dynamics and Long-Term Evolution (Invited)**
Paul Tackley (Institute of Geophysics, ETH Zurich)

9:00 – 9:15 **Mass-Radius Relationships of Rocky Exoplanets**
Frank Sohl (DLR Berlin)

9:15 – 9:30 **Consequences of the Tidal Disruption of Giant Planets: On the Connections
With the Hot Super-Earths**
Shang-Fei Liu (Department of Astronomy, Peking University)

9:30 – 9:45 **The Anelastic Equilibrium Tide in Exoplanetary Systems**
Francoise Remus (Observatoire de Paris)

9:45 – 10:00 **Detecting Molecules and Magnetic Fields on Exoplanets**
Svetlana Berdyugina (KIS, Freiburg – UH/NAI, Hawaii)

10:00 – 10:30 **Break**