

## Monday August 27, 2012

10:30 – 10:45      **Opening Remarks**  
*Nader Haghighipour*

### **Current State of (Habitable) Planet Detection I (Chair: Magali Deleuil)**

10:45 – 11:15      **Detecting Habitable Planets and Activities in East Asia (Invited)**  
*Bunei Sato (Tokyo Institute of Technology)*

11:15 – 11:45      **Patterns of Planet Occurrence from Doppler and Kepler (Invited)**  
*Andrew Howard (Institute for Astronomy, University of Hawaii)*

11:45 – 12:00      **Bayesian Statistics and Habitable Extrasolar Planets**  
*Turner Edwin (Princeton University)*

12:00 – 12:15      **The Dependence of the Frequency of Planets on the Mass of the Host Stars**  
*Eike Guenther (Thuringer State Observatory)*

12:15 – 12:30      **Stellar Variabilities: Challenges for the Detection and Characterization of Low-Mass Planets**  
*Isabelle Boisse (Center for Astrophysics, University of Porto)*

12:30 – 14:00      **Lunch Break**

### **Current State of (Habitable) Planet Detection II (Chair: Alan Boss)**

14:00 – 14:30      **The Exoplanet Population at short Orbital Period Explored by CoRoT (Invited)**  
*Deleuil Magali (CoRoT Team, Laboratoire d'Astrophysique de Marseille)*

14:30 – 14:45      **New low-mass planets from the Anglo-Australian Planet Search**  
*Hugh Jones (University of Hertfordshire)*

14:45 – 15:15      **Current and Future of Microlensing Exoplanet Search (Invited)**  
*Takahir Sumi (Osaka University)*

15:15 – 15:30      **Microlensing constraints on the abundance of extrasolar planets**  
*Arnaud Cassan (Institut d'Astrophysique de Paris)*

15:30 – 16:00      **Break**

## **Detecting Signatures of Earth-Like Planets (Chair: *Alan Boss*)**

- 16:00 – 16:30      **Possible False Positive Signatures of Life in Planetary Atmospheres Around M-dwarfs (Invited)**  
*Feng Tian (CESS/Tsinghua University)*
- 16:30 – 16:45      **Signatures of Earth-like Planets in the Chemical Composition of Solar-Type Stars**  
*Jorge Melendez (Universidade de Sao Paulo Brazil)*
- 16:45 – 17:00      **2012 MOST Photometry of the 55 Cancri System**  
*Diana Dragomir (University of British Columbia)*
- 17:00 – 17:15      **A Campaign for the Detection of Earth-Mass Planets in the Habitable Zone of Alpha Centauri**  
*Rob Wittenmyer (University of New South Wales)*
- 17:15 – 17:30      **Exoplanets Surveys at Universidad de Chile**  
*Patricio Rojo (Universidad de Chile)*
- 17:30 – 17:45      **The PLATO Mission**  
*Giampaolo Piotto (Universita' di Padova)*
- 17:45 – 18:00      **Exploring the cosmic context of Earth**  
*Martin Dominik (University of St Andrews)*