

Program «Detection and dynamics of transiting exoplanets» 23-27 August 2010, Observatoire de Haute Provence

Monday 23

08:30-09:30 Registration
09:30-10:00 Welcome

10:00-10:50 Charbonneau **2010: The Year We Make (Second) Contact**
10:50-11:15 Hellier/Faedi *New transiting exoplanets and the status of the WASP project*

Break

11:45-12:10 Bakos *Planets from the HATNet project*
12:10-12:35 Boisse *Disentangling stellar activity and planetary signals*

Lunch / poster, discussions

14:30-14:55 Hartman *Blend Analysis of Transiting Planet Candidates*
14:55-15:20 Guenther *A very hot, transiting planet rapidly-rotating A5 star*
15:20-16:10 Deleuil **The CoRoT Exoplanet program : status & results**

Break

16:40-17:05 Cabrera *Factors influencing the number of detections in the CoRoT transit survey*
17:05-17:30 Aigrain *Low-level stellar variability in CoRoT and Kepler data: implications for transit and RV planet detection*
17:30-17:55 Mazeh *Detection of the ellipsoidal and the relativistic beaming modulations induced by the transiting massive planet/brown dwarf in the CoRoT-3 lightcurve.*

Tuesday 24

09:00-09:25 Hatzes *Radial velocity follow-up of CoRoT transiting exoplanets*
09:25-09:50 Barry *Exoplanet HAT-P-11b Secondary Transit Observations*
09:50-10:15 Lovis *A new low-mass multi-planet system*

Break

10:45-11:35 Valencia **Composition and Structure of Super-Earths**
11:35-12:00 Demory *Kepler planet secondary eclipses: detection, statistics, and interpretation*
12:00-12:25 Désert *Warm Spitzer Studies of the Atmospheres of Kepler-Detected Exoplanets and GJ1214*

Lunch / poster, discussions

14:30-15:20 Mardling *Tides and dynamics: an exoplanet treasure trove*
15:20-15:55 Moutou *Tidal instability in planetary systems' evolution*
15:55-16:20 Leconte *Is tidal heating sufficient to explain Hot Jupiters?...*

Break

16:50-17:15 Ehrenreich *Evaporation of Hot-Jupiters: HST observations and models*
17:15-17:40 Wheatley *X-ray/EUV irradiation and the evaporation of transiting planets*
17:40-18:20 Poster presentation

Wednesday 25

09:00-09:50	Mordasini	Planet formation: comparing theory and observation
09:50-10:15	Boué	<i>A collisionless scenario for Uranus tilting</i>
10:15-10:40	Lewis	<i>Moon formation and orbital evolution in extrasolar planetary systems - A literature review</i>

Break

11:00-11:50	Crida	Migration scenarii in extrasolar systems
11:50-12:15	Payne	<i>The Formation of Retrograde Planetary Orbits</i>

Lunch + social event

Thursday 26

09:00-09:50	Winn	The Rossiter-McLaughlin effect for exoplanets
09:50-10:15	Hébrard	<i>Exoplanets search and characterization with the SOPHIE spectrograph at OHP</i>
10:15-10:40	Gandolfi	<i>The CoRoT-11 system: a fairly massive hot-Jupiter orbiting a rapidly rotating F6 V star and its peculiar tidal evolution</i>

Break

11:10-12:00	Correia	Detection and dynamics of multi-planet systems
12:00-12:25	Triaud	<i>Spin Orbit Angles: Reflections of Dynamics in Systems</i>

Lunch

14:30-14:55	Ragozzine	<i>The Value of Systems with Multiple Transiting Planets</i>
14:55-15:20	Deeg	<i>Detection of planets around binary stars from eclipse reflection</i>
15:20-15:55	Csizmadia	<i>Gravitational Perturbations in Exoplanetary Systems</i>

Break

16:30-16:55	Narita	<i>Good Combination of Rossiter-McLaughlin Measurements and Direct Imaging Observations</i>
16:55-17:20	Dvorak	<i>On possibly inclined planets in the system CoRoT-7</i>
17:20-17:45	Haghighipour	<i>Constraints from planet formation and migration on the detection of terrestrial planets around M stars using the transit timing</i>

Friday 27

09:00-09:25	Crouzet	<i>ASTEP: Towards the detection and characterization of exoplanets from Dome C</i>
09:25-10:15	Holman	Dynamics and constraints from transit timing variations of the Kepler planets
10:15-11:05	Fabrycky	Transit Timing: Detections and Interpretation
11:05-11:30		<i>Concluding remarks</i>
11:30	End	

Posters

1. Diaz: «Three new massive companions in the planet-brown dwarf boundary observed with SOPHIE»
2. Santos: «Global results from the HARPS metal-poor sample»
3. Jassur: «Analytical computation of photometric elements of exoplanets»
4. Sipocz: «WFCAM Transit Survey Follow-up Strategy»
5. Ueltzhöffer: «Realistic estimation of transit recovery efficiencies only from image timestamps»
6. Gillon: «TRAPPIST: a robotic telescope dedicated to the study of planetary systems»
7. Kane: «Improving Transit Predictions of Known Exoplanets with TERMS»
8. von Braun: «System Geometries and Transit/Eclipse Probabilities»
9. Bayliss: «The Frequency of Hot Jupiters around Galactic Dwarf Stars»
10. Ciardi: «Searching for the Youngest Jupiters»
11. Ofir: «The Simultaneous Additive and Relative System Algorithm»
12. D'angelo: «Identification of transiting planet candidates in the LAIWO Survey»
13. Nikolov: «The Search For Planetary Transits With The LAIWO Instrument»
14. Santerne: «On specific issues of the radial velocity follow-up of CoRoT transiting exoplanets»
15. Bonomo: «Detection of shallow planetary candidates in CoRoT data»
16. Poddany: «Exoplanet Transit Database»
17. Lewis: «Effect of realistic and filtered stellar photometric noise on the detection of moons using photometric transit timing»
18. Ivanov: «High-Cadence Transit Timing Variation Monitoring of Extrasolar Planets»
19. Raetz: «Transit timing, transit depth, and transit duration variation in exoplanet TrES-2?»
20. Maciejewski: «Towards the Rosetta Stone of planet formation»
21. Ehrenreich: «Finding the architects of misaligned planetary systems with deep imaging»
22. Hirano: «New Analysis Routine for the Rossiter-McLaughlin Effect»
23. Wüchterl: «Planet masses and radii from physical principles»
24. Parviainen: «Searching for the signs of sping-orbits misalignment from the transit light curve»
25. Maciejewski: «A search for the transit timing variation»
26. Tsvetanov: «Space-based Search for Exoplanets Transiting Bright Stars»
27. Maccone: «Exoplanet Searches by Future Deep Space missions»