

RoPACS meeting at MPE

Monday 10th – Tuesday 11th May 2010
Max-Planck Institute for Extraterrestrial Physics, Garching
(New Seminar Room)

Day 1: Monday 10th May

- 09:30** **Start**
- 09:30 – 09:40 David Pinfield (UH)
Welcome (10 mins)
- 09:40 – 09:55 Simon Hodgkin (IoA)
Infrared properties of stars in the WTS (10+5 mins)
- 09:55 – 10:20 Gabor Kovacs (IoA)
WTS light curve production and quality tests (20+5 mins)
- 10:20 – 10:45 Brigitta Sipocz (UH)
Light curve analysis and modelling (20+5 mins)
- 10:45 – 11:05 Jayne Birkby (IoA)
Update on WTS candidates (15+5 mins)
- 11:05 – 11:30** **Coffee**
- 11:30 – 11:55 Jesus Zendejas (MPE)
Difference imaging analysis of WTS data (20+5 mins)
- 11:55 – 12:15 Felipe Murgas (IAC)
WTS light curve follow-up: early results (15+5 mins)
- 12:15 – 12:35 Bas Nefs (Leiden)
Leiden analysis and new ideas for WTS (15+5 mins)
- 12:35 – 14:00** **Lunch**

14:00 - 16:00 Management meeting (Room 370)

14:00 – 16:00 Parallel session
A quick-start guide to light-curve fitting
(New seminar room)
(Jayne Birkby & Brigitta Sipocz coordinating)

RoPACS dinner in the evening

At 19:00 in “Weisses Braeuhaus” – a local brewery
(see <http://www.weisses-braeuhaus.de/>)

Day 2: Tuesday 11th May

09:30	Start
09:30 – 09:50	Carlos del Burgo (UNINOVA) Standard methods and alternatives for time series analysis (15+5 mins)
09:50 – 10:05	Patricia Cruz Gamba (LAEX-CAB) Spectroscopic classification for WFCAM Transit Survey planet candidates (10+5 mins)
10:05 – 10:30	Michele Cappetta (MPE) Radial velocity measurements from HET spectra (20+5 mins)
10:30 – 10:50	Hannu Parviainen (IAC) Modelling and fitting planetary transits (15+5 mins)
10:50 – 11:10	Joana Gomes (UH) Degenerate companions and extra-solar planets (15+5 mins)
11:10 – 11:35	Coffee
11:35 – 11:50	Hristo Stoev (LAEX-CAB) A search for variable stars in the WTS database (10+5 mins)
11:50 – 12:05	Max Kuznetsov (MAO) Analysis of the spectrum of CM Dra: first results (10+5 mins)
12:05 – 12:30	James Frith (UH) Preparing for Cosmic Vision (20+5 mins)
12:30 – 14:00	Lunch

- 14:00 – 14:20 Anna Brucalassi (MPE)
Introduction (15+5 mins)
- 14:20 – 14:45 Ignas Snellen (Leiden)
The orbital motion, absolute mass and high altitude winds of
exoplanet HD209458b (20+5 mins)
- 14:45 – 15:10 Mari-Cruz Galvez (IAC/UH)
Searching for exoplanets around stars in moving groups
(20+5 mins)
- 15:10 – 15:35 Andres Moya (LAEX-CAB)
Age and mass determination of the planetary system HR8799
using asteroseismology (20+5 mins)
- 15:35 – 16:00 Coffee**
- 16:00 – 16:20 Yakiv Pavlenko (MAO)
Problems of fitting high resolution spectra of ultra-cool dwarfs
(15+5 mins)
- 16:20 – 16:35 Yuri Lyubchik (MAO)
FeH in the J-band region (10+5 mins)
- 16:35 – 16:55 Hugh Jones (UH)
Early results from IPERCOOL (15+5 mins)
- 16:55 – 17:15 Gaspare Lo Curto (ESO)
Recent achievements with HARPS (15+5 mins)
- 17:15 – 17:35 Frank Grupp (MPE)
Telescope and instrument facilities at Wendelstein
(15+5 mins)
- 17:35 Finish**