

## Agenda 9<sup>th</sup> Corot week

### Monday, 5 December 2005

15.00	Scientific Committee (1)
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### Tuesday, 6 December 2005

09.00	<b>Welcome adresses F. Favata, A. Baglin and VIPs</b> General information
09.30	<b>EWG session (1)</b> <ul style="list-style-type: none"><li>- Blind Test 2: present status (C. Moutou)</li><li>- Light-curve analysis within Blind test1 (M. Kodachenko)</li><li>- Exoplanet detection threshold (F. Pont)</li><li>- Periodic dip in the light-curves: planet or stellar spot? (J. Cabrera)</li><li>- Transit/Eclipse detection (F. Pont)</li></ul>
11.30	Coffee Break
12.00	<b>ECOW session (1)</b> <ul style="list-style-type: none"><li>- Matisse: an automatic software for spectral classification (A. Blanco-Recive)</li><li>- GIRAFFE : a new tool in the radial velocity follow-up (B. Loeillet)</li></ul>
13.00	Lunch Break
14.00	<b>ECOW session (2)</b> <ul style="list-style-type: none"><li>- BEST: first results (H. Rauer)</li><li>- The Tautenburg Exoplanet Search Telescope (A. Hatzes)</li><li>- Follow-up imagerie (M. Ollivier)</li><li>- First planet candidate around an evolved star (R. Silvotti)</li></ul>

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15.30	<p><b>Splinter sessions</b> <i>including a coffee break around 16.30</i></p> <p><b>S1: EWG session (2)</b></p> <p># Photometric templates</p> <ul style="list-style-type: none"><li>- Overview of the problem (P. Guterman)</li><li>- Construction and optimization (A. Llebaria)</li><li>- Assignment procedure (F. Karioty)</li></ul> <p># Oversampling:</p> <ul style="list-style-type: none"><li>- General aspects and the exo side (P. Barge)</li><li>- Proposed detection procedure (C. Quentin)</li><li>- Requirements for the AP (W. Weiss)</li></ul> <p># Europlanet (H. Lammer)</p> <p># Expected planetary populations: Theoretical mass spectra for COROT (G. Wuchterl)</p> <p><b>S2: Meeting of the ESTA team (Mario Monteiro)</b></p> <p>16:00-16:25 Summary of the Nice Workshop [Lebreton] 16:25-16:50 Summary of the Aarhus Workshop [Christensen-Dalsgaard] 16:50-17:00 Report on Task 1 (final results) [Monteiro] 17:00-17:30 Discussion: what next on model comparison? [Monteiro] 17:30-17:40 Report on Task 2 and future work [Moya] 17:40-18:00 Discussion: what next on Task 2 [Moya &amp; Monteiro]</p> <p><b>S3: Ground based observations for seismology</b></p> <p><u>15.30 Part 1: the current programmes</u></p> <ul style="list-style-type: none"><li>- introduction: the existing data, Gaudi, Corotsky (Catala, 5 min);</li><li>- the status of the photometric and spectroscopic observations of the Gamma Dor, Delta Sct and Beta Cep targets (Poretti, 15 min)</li></ul> <p>- the status of the photometric and spectroscopic observations of Be stars (Neiner or Hubert or Fabregat, 15 min)</p> <p>- magnetic activity of COROT targets (Catala, 10 min)</p> <p><u>15.45 General discussion and organisation (moderator Poretti, 15 min)</u></p> <ul style="list-style-type: none"><li>- Do we all agree to continue? New observations?</li><li>- management of available and future data?</li><li>- PI for each star / each programme.</li></ul> <p><u>16.00 Part 2: future Large Programmes</u></p> <ul style="list-style-type: none"><li>- The ESO Large programme on Beta Cep, Gamma Dor, Delta Sct. (Poretti, n)</li></ul> <p><u>16.15 Definition of the structure and alternatives if rejected</u> (General discussion, moderator Catala 30 min)</p> <p><u>16.45 New potential Large Programmes</u></p> <ul style="list-style-type: none"><li>- Seismology with HARPS on solar-like stars (Bouchy or Mosser, 10 min)</li><li>- Seismology with SIAMOIS at Dome C (Mosser, 15 min)</li><li>- Measuring diameters and rotation with AMBER (Schmider 10 min)</li></ul> <p><u>17.30 General discussion</u></p>
18.00	End

## Wednesday, 7 December 2005

09.30	<p><b>The Mission</b></p> <ul style="list-style-type: none"><li>- Report progress: (Thien Lam-Trong)</li><li>- The Station acquisition phase (Laurent Boisnard)</li></ul>
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10.30	<b>Instrument session</b> - Measured performances on the instrument P. Bodin , P. Levacher
11.00	Coffee Break
	- Integration of CoRoTCAM, CoRoTCASE et CoRoTEL - Global integration of the instrument at CNES(BIS) and INTESPACE (TBD)
12.30	Lunch Break
14.00	<b>AP Session</b> - Reports of the leaders of the thematic teams (10 min each) Activity & Rotation Be Stars Binaries Gamma Dor stars PMS stars Pulsating G & K Giants - <u>Contribution to the ExoGB work load requested from the AP community</u> (M. Deleuil, 15 min) - <u>Report on the AO1 (AB+WW: 20 min)</u> Feedback from the community, what to improve ? - <u>First planet candidate around an evolved star</u> (R. Silvotti)
16.00	Coffee Break
16.30	<b>Splinter sessions</b> S4 Corotky Data basis (S. Charpinet) S5 Meeting of the Data Analysis Team (T. Appourchaux) S8 Planetary populations (G. Wuchterl)

## Thursday, 8 December 2005

09.00	<b>Splinter sessions</b> S6: SWG (1) - Report of the ESTA Team meeting (M. Monteiro) - Report of the DAT Team meeting (T. Appourchaux) - Report of the GBOWG meeting (E. Poretti and C. Catala)  <u>10.00 - Secondary targets for LRa1 and LRc1 (E. Michel)</u> - Preliminary selection for LRa2 and LRc2 (E. Michel)  <u>10.30 Discussion</u>  S7: ECOWG (3) - Organisation of the follow-up observations
11.00	Coffee Break
11.15	<b>SWG (2)</b> Propositions for the seismology short runs of the Core programme (SSR) - Introduction (E. Michel) - Determination of rotation axis (L. Gizon TBC) - Seismology of a bright Am star (S. Vauclair TBC) - O stars (C. Aerts, TBC) - NW Ser a Be star (J. Fabregat, TBC)
12.15	Secondary targets of some preselected AP short runs (SRAP)(A. Baglin)
12.30	Discussion (E. Michel)

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13.00	Lunch Break
14.00	<b>Classification of variables</b> 14.00 Progress Report: R. Garrido 14.20 Madrid team results: L.M. Sarro 14.35 Leuven team results: J. Debosscher 14.20 Open discussion: R. Garrido
15.30	Coffee Break
16.00	<b>MOST session</b> Overview of the latest MOST results: from beta Cephei stars to exoplanets (J.M. Matthews) Seismology of Eps Oph from MOST (C. Barban) Fabry Imaging photometry (R. Samadi) New pulsators from MOST guide star photometry (R. Kuschnig) Seismology of "Little Rainer" (A. Moya) MOST Direct Imaging photometry (J. Rowe) Time-frequency analysis of MOST data (F. Baudin) The MOST Public Archives: UBC and IAS/Orsay (J. Matthews, F. Baudin)

## Friday, 9 December 2005

09.30	CO-Is and GIs meeting
10.30	Report of the 2nd Corot Brazil meeting (E. Janot, MJ Goupil)
10.50	Coffee Break
11.20	<b>Observation scheduling</b> - Status and planning (A. Baglin) - The Targets of LRA1 and LRC1 - in the sismo field (E. Michel) - in the exo field for the exoplanet programme (M. Deleuil) - in the exo field for the Additionnal Programmes (W. Weiss) - Priorities for the next long runs (M. Deleuil, E. Michel) - Towards priorities for a sismo short run (SSR)
13.00	End of CW9, Lunch Break
13.30	Scientific Committee (2)
15.30	<b>End of SC17</b>

## Posters

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- \* **M. Rainer, E. Antonello, L. Mantegazza, A. Miglio**  
*Non-radial g modes in early A-type stars*
- \* **M. Rainer, G. Cutispoto, E. Distefano, P. Romano**  
*Serra La Nave: the work goes on...*
- \* **N.V. Erkaev, D. Langmayr, G. Jaritz, H. Lammer, H.K. Biernat**  
*Mathematical modelling of atmosphere evaporation of hot exoplanets*
- \* **R. Drummond**  
*Corrections of the satellite jitter*
- \* **T. Morel**  
*'Towards an abundance determination for the OB stars in the GAUDI database'*
- \* **M. Suran**  
*Calibration of COROT seismological methods using ETA Boo observed by MOST*
- \* **L. Carone**  
*Constraining the stellar dissipation factor by simulating tidal interactions of close-in extrasolar planets (a < 0.1 AU)*
- \* **E. Solano et al**  
*The determination of stellar physical parameters using artificial intelligence technique*