

SCIENTIFIC PROGRAM

TUESDAY 24 MAY

08h30 – 09h30 Registration and welcome coffee

09h30 Opening speeches
Mrs Annie Baglin
Mr Pierre Moskwa, CNES
Mr Dominique Le Quéau, CNRS
Mr Jean-Louis Counil, DSP CNES

09h50 – 11h00 Mission Session

09h50 – 10h15 Progress report *T. Lam-Trong*
10h15 – 10h40 Satellite progress report *M. Jouret*
10h40 – 11h00 Mission profile *L. Boisnard*
11h00 – 11h30 *Coffee break*

11h30 – 13h00 Instrument Session

11h30 – 12h00 Progress report *P. Bodin*
12h00 – 12h30 EMC testing and validation
12h30 – 13h00 First images on the sky (PEPSI) *M. Auvergne*
13h00 – 14h30 *Lunch break*

14h30 – 16h00 Related space missions

14h30 – 15h00 The most recent MOST results *MOST Team*
15h00 – 15h25 The Chinese project SVOM
15h25 – 15h45 Needle and haystack - modes in amplitude spectra
 P. Reegen
15h45 – 16h15 *Coffee break*

16h15 – 16h30	<u>News and recall for the AO of the APs</u>	<i>W.W. Weiss</i>
16h30 – 18h00	<u>Thematic Sessions (1)</u>	
<u>Session E</u>	Seismology of rotating stars	<i>F Lignieres</i>
<u>Session F</u>	Hare and Hounds activities	<i>T. Appourchaux</i>
<u>Session G</u>	Binaries Thematic team	<i>I. Ribas and C.Maceroni</i>
18h00	End of session	
20h00	Public Lecture – Roger Ferlet	

WEDNESDAY 25 MAY

09h30 – 11h00 Exoplanets (1)

09h30 – 09h50	Relation between the br magnitudes in the USNO-A2 catalog the standard J-C UBVRI magnitudes	<i>J. Fabregat</i>
09h50 – 10h00	An overview of the Oversampling Mode	<i>P. Barge</i>
	Follow-up in the CoRoT context	<i>M. Deleuil</i>
10h00 – 10h20	Management of planetary transit candidates	<i>H.Deeg</i>
10h20 – 10h40	Eclipsing binaries : statistical aspects	<i>T.Guillot/F.Pont</i>
11h00 – 11h30	<i>Coffee break</i>	

11h30 – 13h00 Exoplanets (2)

11h30 – 11h50	The Doppler follow-up of the CoRoT transit candidates	<i>F.Bouchy</i>
11h50 – 12h30	The CoRoT follow-up strategy / Discussion	<i>M.Deleuil + all</i>
13h00 – 14h30	<i>Lunch break</i>	

14h30 – 16h00 Thematic Sessions (2)

<u>Session A</u>	Discriminating planetary transits from stellar occultations within LCs	
	Strategies for CoRoT	<i>P.Barge</i>
	Strategies for the ground based surveys	<i>S.Aigrain</i>
	Blind test N*1: late exercice	
	"Matched filter algorithms for transit detection"	<i>F.Fressin</i>
	Other teams...	
<u>Session Ba</u>	*Seismology Data analysis (1) Coordinator <i>T. Appourchaux</i>	
	Instrumental periodic perturbators	<i>M. Auvergne</i>

	Time frequency analysis Curvelet analysis	<i>S. Roques P. Lambert F. Baudin</i>
16h00 – 16h30	<i>Coffee break</i>	

16h30 – 18h00	<u>Thematic Sessions (3)</u>
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Session C

The Status of the CoRoT photometric masks	<i>A.Llebaria</i>
Modelling colored stellar variability for BT2	<i>S.Aigrain</i>

Session Bb

Seismology Data analysis (2) Tools	
- Methods in ground based seismology introduction	<i>R. Garrido</i>
- Light curve simulator for CoRoT observations	<i>F. Baudin R. Samadi</i>

Session D

Model comparison	<i>M. Monteiro</i>
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18h00	End of sessions
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21h00	Classical Concert (Chorus A Contretemps)
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THURSDAY 26 MAY

09h30 – 11h00 Seismology

09h39 – 10h00 Report on data analysis activities *T. Appourchaux*

10h00 – 11h00 What are the objectives of the exploratory programme?
E. Michel, A. Baglin & all

11h00 – 11h30 *Coffee break*

11h30 – 13h00 Seismology ground based support

11h30 – 11h45 The spectroscopic and photometric monitoring of stars around primary targets with $8.0 < V < 9.5$ *E. Poretti*

11h45 – 12h00 The Catania contribution to the spectroscopic monitoring
M. Raineri

12h00 – 12h15 Solar-like oscillations with Harps *F. Bouchy*

12h15 – 12h30 Interferometric observations *F-X. Schmider*

12h30 – 12h45 Photometric and spectroscopic monitoring of Delta Sct, Gamma Dor and Beta Cep variables
E. Poretti

12h45 – 13h00 Ground based support to the seismology programme
E. Poretti

13h00 – 14h30 *Lunch break*

14h30 – 16h00 Additional programmes (1)

14h30 – 14h45 Classification of variable stars
- Leuven group
- Madrid group (NN) *R. Garrido*
J. Debosscher

14h45 – 16h00 Reports from Thematic Teams (15 min each):
- Activity and Rotation *J.R. de Medeiros*
- Be stars *A.-M. Hubert & C. Neiner*
- Gamma Doradus *J.C. Valtier*

- PMS
- Pulsating G and K Giants

*K. Zwintz
J. de Ridder*

16h00 – 16h30 *Coffee break*

16h30 – 18h00 Additional programmes (2)

16h30 – 16h45 Mode identification using Corot exo-planetary colours
R. Garrido

17h05 – 17h 20 Doolize 25 *V. Ripepi*

17h20 – 17h 40 Hungarian participation in COROT *M. Paparc*

17h45 End of session

17h45 – 20h00 Scientific Committee – 1st session

20h30 Corotweek dinner jazz concert

FRIDAY 27 MAY

09h30 – 11h00 Plenary session

09h30 – 10h00 Data bases in Corotsky : present situation
S. Charpinet, M. Deleuil

10h00 – 10h30 Complementary observations : the ESO/ESA framework
F. Favata

11h00 – 11h30 *Coffee break*

11h30 – 13h00 Outcomes and conclusion

11h30 – 12h00 A programme for the first short run, exo and sismo needs
E. Michel, M. Deleuil

12h00 – 12h30 Scientific content of the first pointings
E. Michel, M. Deleuil

12h30 – 13h00 General discussion, open points...

13h00 End of session

From 14h00 *Guided tour of the clean rooms*

14h30 15th Scientific Committee – 2nd session