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	Minutes of the 47th Scientific Committee Author: Annie BAGLIN	COROT.LESIA.13.012 Version: 1 Date: 11/04/2013

Minutes of the 47th Scientific Committee

*Held at the Aula of the IAC Headquarters in La Laguna
On March 18th 2013*


Prepared by:	Annie Baglin	
Accepted by:	SC	

MODIFICATIONS OF THE DOCUMENT

Ed.	Revs.	Date	Modifications	Visa
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REFERENCE DOCUMENTS

Reference	Title of the document
SC47-DR1-OV.pdf	News from the failure and recovery attempts
SC47-DR2-SC.pdf	Data: Schedule for new versions
SC47-DR3-OV.pdf	The CNRS archiving project

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DIFFUSION:

G. ALECIAN	OPM
R. ALONSO	Observatoire de Genève
M. AUVERGNE	OPM/LESIA
A. BAGLIN	OPM/LESIA
F. BAUDIN	IAS
P. BORDE	IAS
J. CABRERA	DLR, Germany
S. CHAINTREUIL	OPM/LESIA
M. DELEUIL	LAM
M. FRIDLUND	RSSD/Estec
R. GARRIDO	IAA/Spain
T. GUILLOT	OCA
A. HATZES	Tautenburg
E. JANOT-PACHECO	Sao Paulo University
E. MICHEL	OPM/LESIA
C. MOUTOU	LAM
A. NOELS-GROTSCH	IA Liege
M. OLLIVIER	IAS
E. PORETTI	Obs Brera, INAF
H. RAUER	DLR Berlin
D.ROUAN	LESIA
I. ROXBURGH	QMW London
J. SCHNEIDER	OPM
G. VAUCLAIR	OMP
W. WEISS	IA Vienna
K. ZWINTZ	IA Vienna
O. LA MARLE	CNES, Paris
O. VANDERMARCQ	CNES, Toulouse
C. IMAD	OPM/LESIA/secretariat

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Participants:

All members except:

Jean Schneider, Arlette Grotsch, Tristan Guillot, Gérard Vauclair

1. Mission status

Olivier V. recalls the anomaly, which occurred on November 2nd 2012 at the precise time 20h 10m 11s, and the attempts to restart the instrument (see SC47-DR1-OV.pdf).

In the mean time, engineers have made tests on the bench, and understood the failure.

The question is now: is it possible to overpass it? How?

New attempts on the instrument are foreseen for the end of the month.

The message is clear: Be ready to start again! But still a quite low probability of success

The SC confirms that, in case of restart, the priority in this summer period will be to try to achieve the initial programme: Going as close as possible from the bulge!

2. CoRoT Week 11

2.1. General local organisation

Roi informs the SC about the change of venue, and the general organisation.

2.2. Objectives

The final program is presented. Though tight it looks manageable...

It is recalled that it should have the flavour of a workshop more than of a symposium, and that chairpersons will have the task to favour some discussions.

Posters will be advertised by a 2 minutes presentation to inform the assembly, and help contacts with the authors

2.3. Chairpersons

It is proposed that chairpersons are chosen among the members of the SC.

On a volunteer basis, all sessions have easily found their chairpersons. And it has been immediately posted on the web page of the meeting!


3. Data

3.1. Where are we

Marc explains the ongoing new corrections and the difficulties.

He mentions work in progress in the field of contamination analysis but also reports that new work have been initiated without a careful knowledge of what is already in progress within the consortium. An action is taken to make the situation clearer.

Magali stresses that the major difficulties with the exo data are jumps, contamination and spectral classification.

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A long discussion starts about the problems of the jumps in the data.

It is said that the fact that they are not corrected refrain people essentially outside the community to use them.

It is proposed to include in the N2 products, new light curves processed in order to reduce the influence of the discontinuities. Frederic B. and Magali D. propose to organise a meeting with all volunteers to choose a method and start to produce these new smoothed light curves.

Action SC47-1: Organise a meeting to define the « smoothed N3 light curves » F.B et M.D., asap

It is decided to announced it during the CW, and ask for participation.

It is also stressed that it is very important to issue a paper, at least a user's guide which describes the data and the corrections; as defined in action SC28-4 !

Sylviane says that it is in progress.

The question is raised about where to publish it? Many are in favour of posting it on the front page of the archive. Is it a sufficient warning?

Werner then pronounces an historical statement: « I don't care about people who do not care reading the documents ».

3.2. Deliveries

The last runs which have not yet been completely delivered are LRc09/LRc10, from last summer, and LRa07 with 20 days and then 7 days in early winter, before the failure.

For LRc09: sismo data of LRc09 have been delivered on December 7th, and exo data will arrive on march 26th.

For LRc10 and LRa07 they will be available very rapidly.

Sylviane presents the status of the processing in the new versions (see SC47-DR2-SC.pdf). She insists on the importance of the contact with scientists experience and difficulties.

4. Image of CoRoT

4.1. Web page

This action (SC43-4) is still pending

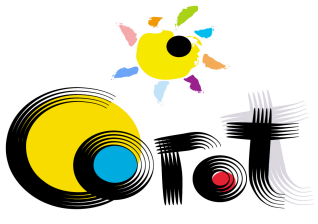
4.2. Wikipedia

The wikipedia page is being modified

Arlette has almost finished the stellar physics part.

Annie with the help of Olivier will modify the front page and the mission description.

Action SC47-2: Modification of the wikipedia pages: front page and mission, AB+OV, asap

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Concerning the exoplanet part, Daniel R. accepts to rewrite it

Action SC47-3: Modification of the exoplanet page of Wikipedia article: Daniel R., ASAP

4.3. Corotpub

It seems to be used essentially as an internal depository, but the public part contains few papers and can give a negative image of the production of the mission.

The internal depository before publication is still necessary for Type I papers (data analysis during the proprietary period).

So it decided to replace the public page by the possibility to place a query on ADS, suggesting CoRoT in the title or/and the abstract, and to keep the restricted access as it is.

Action SC 47-4: Modify the public page of CoRoTpub, Tristan Guillot, asap

5. Archives

5.1. The CNES project and its schedule

Olivier V. presents the project as planned at CNES Toulouse (See SC47-DR3-OV.pdf).

The N0, N1 archiving needs a quite important work to adapt the present system to the CNES archiving rules. This was not foreseen and planned. Laboratories do not have the corresponding resources presently.

Should we keep the possibility to modify the processing of the N2 production, and to issue a new version of N2, for a long time? The SC says that it does not seem realistic to do so after 2 or 3 years after the end of the mission.

5.2. Archiving N2 and N3

Frederic B recalls what is being done at IAS

The long-term scientific archives at CDS, LAEFF and NStED will be presented during CW11.

6. List of Co-Is

This topic has been the subject of very long discussions during the SC and CW11.....


Finally it is decided that

* The former Co-Is will be asked to confirm or not their wishes to remain Co-I, which implies in principle a significant participation to the CoRoT activities

Members of the SC will collect the will of their colleagues.

* New nominees will be accepted if they are responsible for a task concerning the project, and not only producing good science.

Action SC47-5: Updated list of Co-Is, AB, end of CW11.

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The updated list is inserted below, and contains 76 colleagues; only 2 lines have still a TBC!


7. Actions

7.1. From the preceeding SCs

SC28-4	Document on corrections	SC, MA, AB	Dec 2008	
SC43-2	Upgrade of the web page	PB, FB	Next SC	

7.2. From this SC


SC47-1	Organise a meeting to define the smoothed LC	MD, FB	asap	
SC47-2	Propose an improvement of the Wikipedia paper for the mission	AB+OV	asap	
SC47-3	Propose an improvement of the Wikipedia paper for the exoplanet programme	Daniel R.	asap	
SC47-4	Modify the public page of CoRoTpub	Tristan G	asap	
SC47-5	Updated list of Co_Is	AB	asap	

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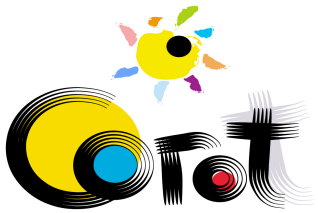
List of Co_Is and GIs: 11/04/2013

Name	first name	responsability	Country/lab	Institution
AERTS	Conny	Beta Ceph, SPB	Belgium	Leuven
AIGRAIN	Suzanne	Activity modeling	ESA/UK	
ALECIAN	Georges	Chemically pec. stars	France	LUTH/GEPI
ALENCAR	Sylvia	PMS, circumstel. disk	Brazil	U Belle Horizonte
ALMENARA	Jose	Alarm mode	France	LAM
ALONSO	Roi	CS member	Spain	IAC
APPOURCHAUX	Thierry	data analysis	France	IAS
BAGLIN	Annie	PI	France	LESIA
BALLOT	Jerome	data analysis/modeling	France	OMP/LAT
BARBAN	Caroline	Data analisis	France	LESIA
BAUDIN	Frederic	Time freq. analysis	France	IAS
BONOMO	Aldo	?	?	?
BORDE	Pascal	data analysis	France	IAS
BOUCHY	François	Radial velocities	France	IAP
BOUMIER	Patrick	Instrument	France	IAS
CABRERA	Juan	Detection team	germany	DLR Berlin
CATALA	Claude	SGBOWG	France	LESIA
CHARPINET	Stephane	Corotsky	France	OMP/LAT
CSIZMADIA	Szilard	Planet parameters	Germany	DLR
DAMIANI	Cilia	Exodat	France	LAM
de MEDEIROS	JoséRenan	Rotation	Brazil	U Rio Gr. d Norte
de RIDDER	Joris	Red Giants	belgium	Leuven
DEBOSSCHER	Jonas	CVC	Belgium	Leuven
DEEG	Hans	Transit detection	Spain	IAC
DELEUIL	Magali	EGBO	France	LAM
DVORAK	Rudolf	Exoplanet orbit	Austria	Vienna
ERIKSON	Anders	GBO, dyn.,planet statS	Germany	DLR Berlin
FAVATA	Fabio	Young stars activity	ESTEC	RSSD
FERRAZ-MELLO	Sylvio	Dynamics of plan syst	Brazil	U Sao Paulo
FOING	Bernard	Spacemissions, activity	ESTEC	RSSD

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FRIDLUND	Malcom	Planets, GBO,activity	ESTEC	RSSD
GANDOLFI	Davide	GBO Large facilities	ESA	ESA
GARCIA	Rafael	Data analysis	France	Sap/CEA
GARRIDO	Rafael	GBO photometry	Spain	IAA
GONDOIN	Philippe	activity	ESTEC	RSSD
GOUPIL	Marie-Jo	Moderate rotation	France	LESIA
GUENTHER	Eike	GBO Large facilities	germany	tautenburg
GUILLOT	Tristan	Hot Jupiters	France	OCA
HATZES	Artie	GBO exo and sismo	Germany	Thueringer
HUBERT	AnneMarie	Be stars	France	GEPI
JANOT-				
PACHECO	Eduardo	Seismology Be stars	Brazil	U Sao-Paulo
KJEIDSEN	Hans	TBC	ESA/Danemark	Aarhus
LEBRETON	Yveline	Models	France	GEPI
LEGER	Alain	Earth like	France	IAS
LIGNIERES	François	Rotating models	France	OMP/LAT
MACERONI	Carla	EB group	Italy	Roma
MATHIAS	Philippe	gamma dor	France	OMP/LAT
MAZEH	Tsevi	Data treatment	Israel	tel-Aviv
MELLO	Gustavo	Gaints	Brazil	OVallongo,Rio TBC
MICHEL	Eric	SWG + delta scuti	France	LESIA
MIGLIO	Andrea	RG group/Kepelr	UK	Birmingham
MONTALBAN	Josefina	stellar modeling	Belgium	Liege
MONTEIRO	Mario	Stellar modeling	ESA/Portugal	Porto
MOSSER	Benoit	Solar planets	France	LESIA
MOUTOU	Claire	EGBOWG	France	LAM
NEINER	Coralie	Be group?	France	LESIA
NOELS	Arlette	Stellar evolution	Belgium	Liège
OLLIVIER	Marc	Instrument	France	IAS
PAETZOLD	Martin	Exo atmopsheres	Germany	Cologne
PORETTI	Enio	Spectroscopy/delta scu	Italy	Merate
QUELOZ	Didier	GB follow-up	ESA/Switzerland	Geneve
RAUER	Heike	GBO, planet stats,atm	Germany	DLR Berlin
RIBAS	Ignacio	Binaries Ecclipsing	Spain	U. Barcelon TBC
RIEUTORD	Michel	Fast rotation	France	OMP/LAT
ROCCA-	Theo	Data analysis and	Spain	IAC

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CORTES		interpretation		
ROUAN	Daniel	Onboard treatment	France	LESIA
ROXBURGH	Ian	Excitation and ampl.	ESA/UK	QMW London
SAMADI	Reza	Amplitudes	France	LESIA
SCHNEIDER	Jean	multiple systems	France	LUTH
SOLANO	Enrique	GB Data base	Spain	LAEFF
TIPHENE	Didier	Instrument	France	LESIA
TURCK-CHIEZE	Sylvaine	Modeling, g modes	France	Sap/CEA
VAUCLAIR	Gerard	WD	France	OMP/LAT
VAUCLAIR	Sylvie	Diffusion and mixing	France	OMP/LAT
WEISS	Werner	APWG +I Boo, Ro Ap	Austria	Vienna
WUCHTERL	Guenther	Planet form, mass distr	Germany	MPI
ZWINTZ	Konstanz	PMS	Austria	Vienna

Members of the Scientific Committee in bold

GIs

Vannier	Martin	mvannier@eso.org
Gonzales	Walter	gonzales@dge.inpe.br
Surdej	Jean	surdej@astro.ulg.ac.be
Gizon	Laurent	gizon@linmpi.mpg.de
Lanza	Antonio	nlanza@ct.astro.it
Valio	Adriana	avalio@gmail.com
Kollath	Zoltan	kollath@konkoly.hu
Ripepi	Vincenzo	ripepi@na.astro.it