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	Minutes of the 21th Scientific Committee Author: Annie BAGLIN	COROT.LESIA.06. 56 Version: 0 Date: 04/12/06

Minutes of the 21th Scientific Committee

Held in Paris at ULIP December 1st 2006.


Prepared by par: Annie Baglin		
Accepted by: The SC members		

MODIFICATIONS OF THE DOCUMENT

Ed.	Revs.	Date	Modifications	Visa
1				


REFERENCE DOCUMENTS

Index	Reference	Title of the document
DR1	SC21_DR1	Project status (T. Lam-Trong)
DR2	SC21_DR2	Oversampling and follow-up; CEST organisation (P. Barge)
DR3	SC21_DR3	The IR1 exobasket (A. Baglin)
DR4	SC21_DR4	Sismo publication rules

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DIFFUSION:

G. ALECIAN	OPM	X
M. AUVERGNE	OPM/LESIA	X
A. BAGLIN	OPM/LESIA	X
P. BARGE	LAM	X
C. CATALA	OPM/LESIA	X
M. DELEUIL	LAM	X
M. FRIDLUND	RSSD/Estec	X
R. GARRIDO	IAA/Spain	X
T. GUILLOT	OCA	X
E. JANOT-PACHECO	Sao Paulo University	X
L. JORDA	LAM	X
E. MICHEL	OPM/LESIA	X
A. NOELS	IA Liège	X
M. OLLIVIER	IAS	X
H. RAUER	DLR Berlin	X
D.ROUAN	LESIA	X
I. ROXBURGH	QMW London	X
J. SCHNEIDER	OPM	X
G. VAUCLAIR	OMP	X
W. WEISS	IA Vienna	X
P. BODIN	CNES	X
L. BOISNARD	CNES	X
J-L. COUNIL	CNES	X
T. LAM-TRONG	CNES	X
C. IMAD	OPM/LESIA/secretariat	X

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Participants:

G. Alecian, A. Baglin, P. Barge, C. Catala, M. Deleuil, M. Fridlund, R. Garrido, T. Guillot, E. Janot-Pacheco, L. Jorda, E. Michel, A. Noels, M. Ollivier, H. Rauer, D. Rouan, I. Roxburgh, J. Schneider, G. Vauclair.

1. Welcome

The meeting took place in an unusual but very nice and convenient place at the University of London Institute in Paris, 9-11 rue de Constantine, 75340 Paris Cedex 07, thanks to the invitation of Ian Roxburgh.

A welcome address was given by Dr David Shepherd, Director of ULIP

Ian then gave a short history of the institute:

The Institute - originally the "Franco-British Guild" was founded in 1894 by Edith Williams with the financial help of the then British Ambassador - initially offering classes in English for French students and then also French classes for British students, In 1900 it had 300 students and was situated at 6 rue de la Sorbonne. After the First World War, additional private funds were raised and the Guild changed its name to the British Institute in Paris.

In 1969 it severed its links with the Sorbonne and was incorporated into the University of London, moving to its current premises in 1976. In 2004 it became a partner of Queen Mary and Royal Holloway (Colleges of the University of London) and changed its name to the University of London Institute in Paris.

The Institute currently offers BA and MA programmes in French studies and in applied linguistics, and research degrees in French and English literature, and linguistics. It also trains professional translators, publishes the journal "Franco-British Studies" , and provides a range of courses in English and French language and culture.

Following its association with Queen Mary and Royal Holloway it is developing a more vigorous research component and is keen on having functions such as our meeting held in the Institute. Ours is the first scientific meeting to be held here.


2. Modification of the minutes of SC 20 as required by Ian Roxburgh

Ian Roxburgh states that he wishes to raise the issue of the accuracy of the minute under section 10 of the minutes of SC20.

The details given in the circulated minutes are not a correct record of what actually took place. In particular the details of the letter from Andrew Collier Cameron were not presented to the meeting. I therefore ask that these minutes be corrected to something like

" Andrew Collier Cameron has contacted Annie Baglin stating that he wishes to resign as an ESA co-I and proposed that Suzanne Aigrain should take his place.

Ian Roxburgh stated that it is not up to a resigning co-I to nominate a successor, ESA co-Is were selected following an open call for nominations and that we need to follow the ESA procedures for replacing a co-I, which we do not know. Ian will clarify this point

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It was then decided that Andrew should write a formal letter of resignation to Ian Roxburgh as the ESA member of the Scientific Committee resigning his position, and that Ian would contact ESA for clarification on the procedures for nominating a new ESA co-I. "

This new version of the minutes of SC20th is accepted by all participants, replacing the preceding section 10

Version 3 of the Minutes of SC20th takes this modification into account.

Action 1 Create version 3 of the Minutes of SC20th, ASAP (AB)

3. Project Status

A.B. presents the status of the project, as described in the document SC21-DR 1, on behalf of TLT, just back from Baikonour who could not attend the meeting.

The satellite is now ready for launch and in perfect shape after the shipping to Baikonour.

The launch is scheduled for December 21st and this date looks now quite firm.

The launch campaign is going on without any difficulty presently.

The qualification review of the new engine on November 10th at Samara has been successful.

But, this flight remains a maiden flight.....

4. Celebrations of the launch

At CNES:

Presentation of the draft programme of the TV show, available freely on CNESTV

Strong protestation of the foreign partners, seeing that there is no mention of their participation.

It is decided to send a letter signed by the foreign partners to ask for more visibility

Official ceremony at CNES Toulouse.

* Paris Observatory organises a public event based on this show, with other speakers.

* ESA, will transmit on Internet, in English

* Many places will organise their own meeting, using either the TV channel or internet, in Germany, (Köln, Tautenburg, Berlin DLR), in Austria (Graz), in Belgium (Leuven, Liège CSL), in Spain (tbc), Brazil (University of Sao Paulo, TV network and newspapers invited), Britain, (press release package).

5. The first observation IR1

Michel A, who is sick, has not been able to join.


Eric M. presents the proposed targets for the sismofield, stressing the need to obtain a better knowledge of the fundamental parameter for several targets.

The final programming substitutes a faint target to a brighter one for pointing constraints, at least at the beginning of the run.

Claude C. confirms that some of these targets, which were not observed before, as they were not in the initial observation plan, will be observed in January.

For instance the two Am stars, SBs but without knowledge of their orbital parameters, will be among those.

The exobasket has been built by Magali for the exoplanet criteria, and AP targets have been added by AB, based on proposals (DR3).

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The lists will be available on the protected web page (see 12).

6. Alarm mode and follow-up activities

P.B. presents the global organisation of these activities (see DR2). The list of stars to be oversampled is built using the N1 data. It starts from the target stars selected in the Exobasket and is based on scientific priorities, as for example the detection of transit-like events in the light-curves. 50 windows are available for the APs whose list will be provided independently by W. Weiss. For the exo-side initialisation is made with a list of the brightest and smallest target stars.

The follow-up group will select their targets based on the oversampling list. A fast access to the corresponding N1 data is badly needed. This implies that at least some of the EXO-Co-Is will have to access the N1 data. In consequence a slight modification of the Data Rights Document is required. These data will be available only to check the nature of the alarms and to trigger the follow-up activities, without any right to publish in advance of the official release.

Action 2: AB Modify the Data Rights document, for the next SC

7. The data reduction chains

EM and LJ present the status of the N0-N1 chain under the responsibility of R. Samadi.

All the algorithms presented at the last CW are now developed.

The validation and tests are under way...but need more manpower.

The users of the N1 product (alarm mode, follow-up observations of the exoplanet candidates, evaluation of the performances) ask for the longest homogenous chain of data at a given time, with the best possible instrumental corrections of known origin.

The N1 products, as described in DR2, will be updated regularly.

They will be available for these users as soon as they are validated, from the IAS Archive.

The N1-N2 pipeline, which is strongly evolutive, is less well defined. A document is being written. To increase the implication of the CEST in the exo-pipe, Laurent Jorda proposes to create a new WG in the CEST: **the exoplanet pipeline WG**, in charge of the evolution of this chain. It is open to all Co_Is who want to contribute (see DR2-page 9).

8. The archive and the data access

(F. Baudin invited).

Presenting the project developed at IAS, F. Baudin stresses the difference between the mission archive, and the long term archive.


IAS will distribute N1 and N2 products.

In fact there are two different N1s:

- **the fresh N1**, which belong to the sequence presently in observation, which are upgraded regularly, but for which the observational period is not finished. There are no corresponding N2.

- **the validated N1**, for which N2 exist already, and which in principle should not be modified.

The fresh N1 will be accessible immediately by the “operational” users, as defined above: alarm mode, follow-up observations of the exoplanet candidates, and evaluation of the performances.

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Then, after the delivery of N2, the validated N1 will be accessible at the same time as N2, on request.

Many people ask to install test data already in the archive, to be able to test the softwares.
It is proposed to provide the softwares necessary to read N1 and N2.

Action 3: FB: Try to install test data asap in the N1 archive

Proposal of mirror archives, in Spain, in US, in Brazil?

The problem has been discussed. of the possibility to install data of the mission archive in foreign data centres.

LAEFF, responsible for the LTA, would like to start an archive before the foreseen legacy time. They consider that their expertise can bring an added value, and would like to build an archive, which is not only a mirror of the IAS one.

F Baudin considers that this proposition is a modification of the share of task, as described in the CDC specification document. He considers that the visibility of the work done at IAS and in the reduction chain team has to be preserved.

In case of such a modification, he mentions that IAS has VO expertise too and could also prepare the tools concerning the VO compatibility, for the legacy archive at LAEFF and CDS.

IPAC, in charge of the KEPLER data centre, proposes to have a link on public data, with a possible reciprocity for KEPLER data.

As the proposals do not seem sufficiently clear to all participants, it is decided to prepare a discussion for the next SC, asking LAEFF and IPAC, and any other group who would like to develop an analogous project, to make a precise proposal through a document.

9. Variable stars classification task: N3

The final report (document LCC send by mail) is presented by R. Garrido.

The SC accepts it.

The Exodat Team is ready to use this classification, and discuss its implementation.

10. Core programme:

The answers to the LoI have been included in a unique excel file.

The SC members think that it can be distributed to all the Co-Is for information, as it is.

Action 4: AB: Send the file to all the Co-Is.


The SC should be careful about the complete coverage of the set of data acquired for each run, specially in the sismofield, and encourage Co-Is to fill gaps if they exist.

At the next SC, the IR1 targets will be examined in this respect.

11. Publication policy

11.1. Modification of the exo part (PB)

A new version, agreed upon by all the exo Co-Is, is presented in which the concept of builders is absent.

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11.2. Proposition for specific rules for the seismo programme (EM)

E.M. presents simple rules intended to complement the general publication policy rules defined in the reference document (see DR4).

11.3. Towards a global document (AB)

There is still some tuning to be done.

Action 5: AB prepares a new version for the next SC, including the new propositions.

It is reminded that the Co-Is are responsible for the publication of the data they have worked on, but that they do not necessary have to be the first authors of the papers.

11.4. Contact with editors

It is decided to wait after the launch and to try to start discussions with editors (first A&A) to define a precise policy, and eventually dedicated volumes.

11.5. List of builders (AB)

Following an action of the last SC, AB tried to start the process, by distributing a very restricted list.

The name of builders is rediscussed and it is proposed to replace it by “**unforgettable**”

It is proposed that each SC member, as a representative of a foreign contribution or of a laboratory strongly involved in the project, send complements to this list.

Action 6: Collect the complements, AB, Next SC.

It is recalled that the basis remain:

“There is a hard core of investigators called the “unforgettables” which have to be among the authors of many publications, even if their work is more general

There are scientists that have contributed to the production of Light Curves, in a major way (\geq equivalent 2 yrs, full time)”.

The list of ‘unforgettable’ is established by the Scientific Committee. And the SC will have to make sure that they are sufficiently included in the list of authors.

11.6. Composition of the project team (MA)

Under way, but may not need to be too strict.

11.7. A web page for publications


Tristan Guillot presents a project of the CoRoTPuB, which would allow depositing and retrieve all publications, depending of its status and of the quality of the retriever, as discussed during the last SC.

The project is now ready. The SC agrees with the mock-up presented by TG.

It will be developed by a private company, in Nice under the supervision of TG, supported by CNES funds.

It is proposed to add a specific entry to access the Observing programme of the successive runs.

12. General business

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12.1. List of Co-Is

To replace Andrew Cameron, Ian contacted ESA to decide about the correct procedure, and it was decided that given the time constraints it would not be appropriate to go through a new call for proposals for the position of ESA Co-I and that the procedure to follow was that in discussion with Fabio Favata, as secretary of the ESA Astronomy Working Group: Ian, as ESA member of the Scientific Committee, would nominate a replacement to the AWG.

Ian proposed Suzanne Aigrain and the nomination were approved by the AWG and subsequently by the SSAC.

Ian presents Suzanne Aigrain as the new ESA Co-I, for approval by the Scientific Committee. The SC accepts Suzanne Aigrain.

Pascal Bordé is joining the IAS team just now. He will spend half time on CoRoT, and is proposed as a Co_I. He is accepted.

Bart Van den Bussche already accepted at the last SC has presented his programme Pierre Magain wants to become an Exo Co-I and no more a Sismo Co-I. It is accepted.

12.2. Corotbook

Will be ready before launch -

12.3. Open actions:

Action from SC 18: SC18-15 **PR in USA** JS asap

Jean Schnieder informs the SC that


* He has contacted on Nov 2 the French Embassy in Washington ("France in Space") to coordinate our PR activities on CoRoT in the US.

They have posted a press release on Nov 8, with a reference to exoplanet.eu/corot
See: eu.spaceref.com/news/viewsr.html?pid=22518

* NASA has posted a news on the CoRoT launch at
<http://planetquest.jpl.nasa.gov/news/corotMission.cfm>

12.4. Next meeting

SC 22nd: January 26 Paris Observatory.

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13. Actions

13.1. Actions from SC17 still open

SC17-6	Standard copyright	TLT	SC 18	
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13.2. Actions from SC 18

SC18-14	Mail to T. Mazeh	AB/HR/MD	May 15	
SC18-15	PR in USA	JS	asap	

Actions from SC 19.

SC19-1	Document on the observing programme	AB	July 1st	
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Actions from SC 20.

SC20-7	1: ask Toulouse team to send to AB, info on access parameters to Corotsky catalogues 2- circulate the info to the whole CSC for further testing.	CC	October 1 st	
		AB	October 3rd	

Actions from SC 21.

SC21-1	Modification of minutes SC20th	AB	asap	
SC21-2	Modification of the Data rights document	AB	Next C	
SC21-3	Install tests data in the archive	FB	ASAP	
SC21_4	Send the Loi Core programme file to all co-Is	AB	ASAP	
SC21-5	Next version of the Publication policy document	AB	Next SC	
SC21-6	List of unforgettable	AB	Next SC	



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Table 1: List of Co-Is and GIs


Co-Is

<i>Name</i>	<i>first name</i>	<i>Country/lab</i>	<i>Institution</i>	<i>activity</i>	<i>WG</i>
RAUER	Heike	Germany	DLR Berlin	GBO, planet statistics, atmospheres	E/ECO
HATZES	Artie	Germany	Thueringer	GBO exo and sismo	E/SGBO
PAETZOLD	Martin	Germany	Cologne	Exo atmospheres	E
WUCHTERL	Guenther	Germany	MPI	Planet formation, mass distribution	E
ERICKSON	Andres	Germany	DLR Berlin	GBO, dynamics, planet statistics	E/ECO
FRIEDLUND	Malcom	ESTEC	RSSD	Planets, ground obs, activity	E/A
FAVATA	Fabio	ESTEC	RSSD	Young stars activity	A
FOING	Bernard	ESTEC	RSSD	Link to space missions, activity	A
GONDOIN	Philippe	ESTEC	RSSD	activity	E/A
NOELS	Arlette	Belgium	Liège	Stellar evolution	S
AERTS	Conny	Belgium	Leuven	Beta Ceph, SPB	S
SCUFLAIRE	Richard	Belgium	Liege	Non adiabatic analysis	S
MAGAIN	Pierre	Belgium	Liege	Spectroscopic analysis	E
VANDEBUSSCHE	Bart	Belgium	Leuven	Instrumentation, Ground segment	Inst
GARRIDO	Rafael	Spain	IAA	GBO photometry	S
RIBAS	Ignacio	Spain	U. Barcelona	Binaries Eclipsing	AP
DEEG	Hans	Spain	IAC	Transit detection	E
ROCCA-CORTES	Theo	Spain	IAC	Data analysis and interpretation	S
SOLANO	Enrique	Spain	LAEFF	GB Data base	SGBO
WEISS	Werner	Austria	Vienna	APWG +lambda Boo, Ro Ap	S/AP/SGB
HANDLER	Gerald	Austria	Vienna	Gam Dor	APS
DVORAK	Rudolf	Austria	Vienna	Exoplanet orbit analyses	E
LAMMER	Helmut	Austria	Graz	planetary atmospheres	E
ZWINTZ	Konstanz	Austria	Vienna	PMS	S
ROXBURGH	Ian	UK	QMW London	Excitation and amplitudes	S
AIGRAIN	Suzanne	UK		Activity modeling	AP
QUELOZ	Didier	Switzerland	Geneve	GB follow-up	EGBO
KJEDSEN	Hans	Danemark	Aarhus	TBC	SGBO

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MONTEIRO	Mario	Portugal	Porto	Stellar modeling (TBC)	S
JANOT-PACHECO	Eduardo	Brazil	U Sao-Paulo	Seismology Be stars	S
GREGORIO-HETEM	Jane	Brazil	U Sao-Paulo	PMS Stars	AP
de la REZA	Ramiro	Brazil	ON Rio	Proto-planets	E
MELLO	Gustavo	Brazil	O Vallongo, Rio	Gaints	AP
de MEDEIROS	José Renan	Brazil	U Rio Grande del Norte	Rotation	S/AP
PORETTI	Enio	Italy	Merate	Spectroscopy/delta scuti	SGBO
MICHEL	Eric	France	LESIA	SWG+delta scuti analysis	S
CATALA	Claude	France	LESIA	SGBOWG	SGBO
ROUAN	Daniel	France	LESIA	Onboard treatment	E
GOUPIL	Marie-Jo	France	LESIA	Moderate rotation	S
MOSSER	Benoit	France	LESIA	Solar planets	E/S
SAMADI	Reza	France	LESIA	Amplitudes	S
TIPHENE	Didier	France	LESIA	Instrument	Instr
BARBAN	Caroline	France	LESIA	Data analisis	S
SCHNEIDER	Jean	France	LUTH	Planets in multiple systems	E
ALECIAN	Georges	France	LUTH/GEPI	Chemically peculiar stars	S
HUBERT	Anne-Marie	France	GEPI	Be stars	AP/S
LEBRETON	Yveline	France	GEPI	Models	S
NEINER	Coralie	France	GEPI	Be stars	S/AP
LEGER	Alain	France	IAS	Earth like	E
BOUMIER	Patrick	France	IAS	Instrument	Inst
BAUDIN	Frederic	France	IAS	Time frequency analysis	S
OLLIVIER	Marc	France	IAS	Instrument	E/Instr
APPOURCHAUX	Thierry	France	IAS	data analysis	S
BORDE	Pascal	France	IAS	data analysis	E
BARGE	Pierre	France	LAM	EWG+Hot planet statistics	E
DELEUIL	Magali	France	LAM	EGBO	EGBO
JORDA	Laurent	France	LAM	Data reduction	E
MOUTOU	Claire	France	LAM	EGBOWG	EGBO
LLEBARIA	Antoine	France	LAM	Masks in E field	E
BOUCHY	François	France	IAP	Radial velocities	E
VAUCLAIR	Gerard	France	OMP/LAT	WD	S

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TOUBLANC	Dominique	France	OMP/CESR	Catalogues	E
VAUCLAIR	Sylvie	France	OMP/LAT	Diffusion and mixing	S
RIEUTORD	Michel	France	OMP/LAT	Fast rotation	S
CHARPINET	Stephane	France	OMP/LAT	Corotsky	S
LIGNIERES	François	France	OMP/LAT	Rotating models	S+SGBO
GUILLOT	Tristan	France	OCA	Hot Jupiters	E
PROVOST	Janine	France	OCA	Direct seismic analysis	S
BERTHOMIEU	Gabrielle	France	OCA	Optimisation interpretation	S
TOUTAIN	Thierry	France	OCA	Data analysis	S
MATHIAS	Philippe	France	OCA	gamma dor	S
TURCK-CHIEZE	Sylvaine	France	Sap/CEA	Modeling, g modes	S
GARCIA	Rafael	France	Sap/CEA	Data analysis	S
BALLOT	Jerome	France	SaP/CEA	modeling	S
AUVERGNE	Michel	France	LESIA	IS	Inst
BAGLIN	Annie	France	LESIA	PI	

GIs

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