

CNES WORKSHOP BALLOONS 2008 - RESPONSES TO THE CALL FOR IDEAS

Version du 16 avril 2008

Names (underlined : expeditor of the proposal)	Laboratories	Country	Theme	Information on contribution (title or keys words)	Delivery date
<u>M. BARTHELEMY</u> , J LILENSTEN, R. THISSEN, G. GRONOFF, O. DUITUIT C. SIMON E. SERAN, M. GODEFROY	MCF Université Joseph Fourier Laboratoire de Planétologie de Grenoble ESTEC CETP	FRANCE	Astronomy and fundamental Sciences	Key words : rationale ; description of the photopolarimeter ; specification of the balloon experiment ; collaborations, ...	28-mars
<u>C. BASDEVANT</u> PH. DROBINSKY P. DURAND A. DOERENBECHER	IPSL-LMD LMD Polytechnique LA CNRM	FRANCE	Atmosphere Sciences	Title : "BAMED -Balloons over the Mediterranean sea, for water cycle study and high weather impact forecast improvement »	27-mars
<u>JJ BERTHELIER</u> , M. HEMELIN, F. SIMOES R. LALLEMENT, JP POMMEREAU T. NEUBERT	CETP/IPSL Service d'aéronomie/ISPL Danish Space Center	FRANCE DENMARK	Atmosphere Sciences	Title : "Thunderstorms related Electrical and Chemical processes in the lower stratosphere A stratospheric balloon program associated with the Taranis project"	28-mars
<u>G. BERTHET</u> , N. BRUN-HURET, V. CATOIRE, J-B RENARD, M. CHARTIER, C. ROBERT, B. GAUBICHER C. CAMY-PEYRET, S. PAYAN C. BROGNIEZ, C. VERWAERDE, J-Y BALOIS, F. AURIOL G. DURRY	LPCE-CNRS, Orléans LPMAA, Paris LOA-CNRS, Villeneuve d'Ascq GSMA, Reims	FRANCE	Atmosphere Sciences	Title : "Investigations of the dynamical and chemical processes in the summer and winter polar stratosphere"	28-mars
<u>V. CATOIRE</u> , V. MARECHAL G. DURRY, E. RIVIERE K. PFEILSTICKER S. FREITAS	LPCE, Orléans GSMA-URCA/CNRS University Heidelberg CPTEC -INPE	FRANCE GERMANY BRAZIL	Atmosphere Sciences	Title : Impact of convection lifting up biomass burning emissions on the tropical tropopause layer and the lower stratosphere	1 avril
<u>E. CHASSEFIÈRE</u> J. BLAMONT EVE TEAM	SA	FRANCE	Planetary Sciences and Cosmology	Title : "Super-pressure and Phase Change Fluid balloon studies to be undertaken to prepare Venus balloon exploration"	10-mars
<u>A. COUSTENIS</u> + A LOT PEOPLE : J-P LEBRETON (ESA/RSSD) +	LESIA	FRANCE + Others counties	Planetary Sciences and Cosmology	Title : "A hot air "Montgolfière-type" Balloon for the Titan/Saturn System Mission"	26-mars

<u>P. DURAND</u>	UMR5560 LA, Toulouse	FRANCE	Atmosphere Sciences	Title : “balloons in ChArMEx (Chemistry-Aerosol Mediterranean Experiment)”	31-mars
G. DURRY, E. RIVIERE N. AMAROUCHE J.B RENARD, G. BERTHET, B. GAUBICHER	GSMA/URCA/CNRS INSU, Meudon LPCE-CNRS, Orléans	FRANCE	Atmosphere Sciences	Title :”Investigating stratospheric water vapor using balloonborne sensors : impact of deep convection on the water budget in the tropical ut-ls and long-term trend in the stratosphere”	28-mars
<u>A. HERTZOG</u>	IPSL-LMD	FRANCE	Atmosphere Sciences	Key words : Scientific challenges – Role of balloon (UTLS and atmosphere)-Operational requirements – Beyond SP2	13-mars
N. HURET, V. CATOIRE, G. BERTHET, J-B RENARD K. PFEILSTICKER G. DURRY, D. NADIR C. BROGNIER	LPCE/CNRS & Univ, d’Orléans University Heidelberg INSU LOA Lille	FRANCE		Title : ”Transport and air mass mixing over the mediteranee”	28-mars
<u>A. LECACHEUX</u>	LESIA/CNRS UMR8109	FRANCE	Astronomy and fundamental Sciences	Title : “3D-Radio detection of UHE cosmic ray air showers”	28-mars
<u>R. LISEAU</u>	Onsala Space Observatory	SWEDEN	Planetary Sciences and Cosmology	Key words : Star and planet formation (Scientific context) Balloon-borne telescopes	28-mars
<u>M. MALLET</u>	Laboratoire Aérologie, Toulouse	FRANCE	Atmosphere Sciences	Aerosol measurements using Boundary Layer Balloons	27-mars
<u>F. MONTMESSIN</u>	Service d’Aéronomie du CNRS/IPSL Verrières le Buisson	FRANCE	Planetary Sciences and Cosmology	Titre : “AOSB : Astronomical Observations using Stratospheric Balloons”	3 avril
<u>L. NORDH</u>	Swedish National Space Board	SWEDEN		Key words : general reflexions	28-mars
<u>M. PEARCE</u>	Depart of Physics, The Royal Institute of Technology (KTH) Stockholm	SWEDEN	Astronomy and fundamental Sciences	PoGOLite – The Polarised Gamma-ray Observer	31-mars
JB RENARD, G. BERTHET, B. GAUBICHER, M. CHARTIER C. BROGNIER, C. VERWAERDE, J-Y BALOIS, F. AURIOL P. PALUMPO, V. DELLACORTE, A. ROTONDI	LPCE-CNRS, Orléans LOA, Université sciences techno Lille Universita degli Studi di Napoli	FRANCE ITALY	Atmosphere Sciences	Title : “improved and new balloon-borne instruments for the measurements of stratospheric aerosols”	6-févr.

JB RENARD, G. BERTHET, V. CATOIRE, N. HURET, F. LEFEUVRE? M. CHARTIER, C. ROBERT, D. LAGOUTTE E. SERAN, M. GODEFROY S. SOULA T. NEUBERT	LPCE-CNRS, Orléans CESR, Toulouse LA, OMP Toulouse NSAI	FRANCE DENMARK	Atmosphere Sciences	Title : "long duration flights of stratospheric balloons in the frame of the ASIM ant TARANIS project"	
E. RIVIÈRE, L. JOLY, G. DURRY N. AMMAROUCHE	UMR 6089 Univ. Reims DT-INSU Meudon	FRANCE	Atmosphere Sciences	Title : "In situ balloon borne measurement of water isotopes HDO and H218O"	28-mars
E. RIVIÈRE, G. DURRY N. AMMAROUCHE V. MARECHAL F.CAYRO	UMR 6089 Univ. Reims DT-INSU Meudon LPCE/CNRS, Orleans ISAC/CNR? Rome	FRANCE ITALY	Atmosphere Sciences	Title : "Megha-Tropiques water vapour validation from small balloon-borne hygrometers"	28-mars
G. THUILLET, S. SOFIA	Servie Aéronomie:CNRS Verrrieres Le Buisson Université de Yale	France USA	Astronomy and fundamental Sciences	Title : « proposition d'expérience a bord de ballon en relation avec la mission picard »	4 avril
DENIS BERNARD, BERRIE GIEBELS	CNRS/IN2P3 Ecole Polytechnique, Palaiseau	France	Astronomy and fundamental Sciences	Title « Gamma Ray Polarimetry »	14 avril