

Labex **UnivEarthS**



Scientific Committee

Friday October 17th 2014

Open session: 8:45 a.m. to 4:35 p.m.

University Paris Diderot

Program

www.univearths.fr



Agenda

The UnivEarthS Labex directors word :

Fourth assembly since the UnivEarthS program began in 2011, this 2014 meeting is an opportunity to several changes:

- for the next years of this project (2014-2019), we would like to highlight the knowledge of our SC members and present at each meeting a lecture from them. For this first time, we will be pleased to hear our new member, Bernard MARTY.
- a new process of refereeing is organized to provide written reports on each present project, following the 2013 SC recommendations.

The 2014 SC will assess the progress and results of current projects, and discuss the scientific and financial proposals of the teams for 2015.

We hope that you will spend a good day with us!

Claude JAUPART and Stavros KATSANEVAS

	Speaker	Referee
8h15	<i>welcome coffee</i>	
8h45	News of UnivEarthS Labex	
	Claude JAUPART	
9h05	Valorisation V1: Data distribution, visualization and cloud computing , Volker BECKMANN + educational K2: UnivEarthS nanosatellite student IGOsat project , Hubert HALLOIN	V1: Pierre-Olivier LAGAGE K2: Bernard MARTY
9h25	Exploratory project E3: Geophysics and gravitational wave interferometric detectors + proposal to evolve from Exploratory project to Interface project	Matteo BARSUGLIA Marc CHAUSSIDON
9h45	Interface project I2: Geoparticles	Alessandra TONAZZO Pierre-Olivier LAGAGE
10h05	Interface project I3: Fundamental physics and Geophysics in space	Hubert HALLOIN Pierre TOUBOUL
10h25	Interface project I6: From dust to planets	Sébastien CHARNOZ Edward STOLPER
10h45	<i>coffee break</i>	
11h10	Frontier project F1: Earth as a living planet : from early ages to present dynamics	Pascal PHILIPPOT Edward STOLPER
11h30	Frontier project F2: From Big Bang to the future of the Universe	Yannick GIRAUD-HERAUD Piercarlo BONIFACIO
11h50	Frontier project F3: The transient catastrophic Universe	Stéphane CORBEL Peter Von BALLMOOS
12h10	Young team proposal 1: Direct Searches for Dark Matter with Liquid Argon detectors	Davide FRANCO All SC members
12h30	Young team proposal 2: Advanced Gamma-Ray Science : Methods and Tools	Karl KOSACK All SC members
12h50	<i>Lunch</i>	

14h00 **Plenary lecture: Origin and early evolution of the terrestrial atmosphere** Bernard MARTY

	Speaker	Referee
15h00 Frontier project F2a: Support to PCCP	Pierre BINETRUY	Neil GEHRELS
15h15 Exploratory project E7: Advanced time series analysis: application to Microscope data	Joel BERGE	Eric PLAGNOL
15h30 <i>coffee break</i>		
15h50 Exploratory project E6: Gamma-Ray Bursts as Multi-messengers	Diego GÖTZ	Peter Von BALLMOOS
16h05 Exploratory project E5: A Numerical Observatory of Violent Accreting systems (NOVAs): strong gravity and beyond	Fabien CASSE	George SMOOT
16h20 Exploratory project E4: From MeV to TeV. Extracting the spectrum of cosmic rays at their sources over 6 orders of magnitude in energy	Stefano GABICI	Piercarlo BONIFACIO
16h35 <i>end of open session</i>		

16h50 to 19h20 **Closed session: debriefing Scientific Committee + Executive Board**

Condorcet building, APC laboratory, 6th floor, room 646A (Mondrian)



2014 Scientific Committee members

The SC members expertise and advice are essential for our research and educational UnivEarthS Labex program.

Chair: George F. SMOOT, LBNL and PCCP

Vice chair: Marc CHAUSSIDON, IPGP

Piercarlo BONIFACIO, Gepi

Neil GEHRELS, NASA/GSFC

Michael KENDALL, Univ. Bristol

Pierre-Olivier LAGAGE, AIM

Jacques LASKAR, IMCCE

Bernard MARTY, CRPG Nancy

Stéphane MAZEVET, LUTh

Eric PLAGNOL, APC

Edward STOLPER, Caltech

Pierre TOUBOUL, ONERA

Peter Von BALLMOOS, IRAP

