







Progress on Old and New Themes in Cosmology

3rd Edition in the PONT series



Welcome!

Institut de Physique Théorique CEA/Saclay



Philippe Brax, Chiara Caprini, Marco Cirelli, Géraldine Servant

The Universe...

ay 14 April 2014	1-Inflation and CMB - Chambre du Trésorier (09:00-12:30)		
	time title	presenter	
	09:00 Planck 2013 cosmology results	CHALLINGR, Anthony	
	09:45 Inflation after BICEP2	BALMANN, Darriel	
	10:30 Coffee Break		
	11:00 Testing inflation after Planck	Dr. RINGEVAL, christophe	
	11:45 What is left of non-Gaussianity?	WANDS, David	
	1-inflation and CMB: 1-inflation and CMB - Chambre du Trésorier (14:30-15:15)		
	time title	presenter	
	14:30 The stability of the electroweak vacuum	ESPINOSA, Jose	
	Afternoon.session Chambre du Trésorier (15:15-18:15)		
	time title	presenter	
	15:15 Closing in on Asion Dark Matter	REDONDO, Javier	
	15:45 UV-completing Chost Inflation	SIBIRYXXXOV, Sergey	
	16:05 The full CMB temperature bispectrum from single-field inflation	Dr. VERNIZZI, Filippo	
	1625 Cofee Break		
	16.55 Minimal models for inflation	BEZPLKOV, Fedor	
	17:15 Non-gaussian imprints of primordial magnetic fields from inflation	JAN, Rajeev Kumar	
	17:35 Searching for primordial correlations between the magnetic field and the density perturbation using 'mu-diatoriton'	Mr. GANC, Jonethan	
	17:55 A new consequence of Inflation: Imprinting the Standard Model in the sky	FIGUEROA, deniel	
A 2044	2.4atronasticie - Chambre du Triconier (NROS-12-85)		
oril 2014	2-Astroparticle - Chambre du Trésorier (09:00-12:45)	presenter	
2014	time title	presenter LANDINAC Septure	
I 2014		LAVIGNAC, Stephane	
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	09:00 Indirect detection of dark matter	CONFAO, Jan
	09:45 A Brief Overview of Direct Searches for Dark Matter 10:50 Coffee Break	COOLEY, Jodi
		EDENY CHICA
	11:90 Clues to the identity of the dark matter from simulations and observations 11:45 A WIMP dark matter particle around the corner?	FRENK, Carlos HAMEYE, Thomas
	11.40 A Water dark matter particle around the corner?	POWERE, Tromas
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	time title	presenter
	14:30 Non-local gravity and dark energy	MAGGICRE, Michele
	15:00 Dark Energy phenomenology: the effective field theory approach	Dr. PIAZZA, Federico
	15:30 On the non-linear scale of cosmological perturbation theory	KONSTANDIN, Thomas
	16:00 Large-scale structures in some modified-gravity scenarios 16:00 Coffee Break	VALAGEAS, Petrok
	16:50 Cosmological constraints on Lorentz Invariance of the Universe	IVANOV, MANUE
	17:10 Dark D-brane Cosmology	KOWISTO, Tomi
	17:30 Consistency relations for large scale structure	GLEYZES, Jérôme
	17:40 Backreaction in Swiss Cheese models	LAVINTO, Mikko
	17:50 Beyond single stream with the Schrödinger method	Mrs. UHLEMANN, Cora
	18:00 Probing non-standard gravity with the growth index of cosmological perturbations	Mr. STEIGERWALD, Heinrich
	18.10 Probing the power spectrum of matter with the galaxy clustering ratio	BEL, Julien
	18:20 A new approach to chameleon theories	Dr. KRAISELBURD, Lucia
Thursday 17 April 2014	5-Gravity and modified gravity - Chambre du Trésorier (09:00-12:	
Thursday 17 April 2014	time title	presenter
Thursday 17 April 2014		
Thursday 17 April 2014	time 15e 09:00 Massive gravity and cosmology	presenter MUKOHYXMA, Shinji
Thursday 17 April 2014	time title 09:00 Massive gravity and cosmology 09:45 Testing General Relativity with Cosmology	presenter MUKOHYXMA, Shinji
Thursday 17 April 2014	time title 09:00 Massive gravity and cosmology 09:45 Testing General Relativity with Cosmology 10:30 Coffee Break	presenter MUKCHYKAMA, Shinji Prof. FERREIFIA, Pedro G.
Thursday 17 April 2014	time title 09:00 Massive gravity and cosmology 09:45 Testing General Relativity with Cosmology 10:30 Coffee Break 11:00 Modified Gravity at Crossroad	presenter MUKDHXAMA, Shinji Prof. FERREIFIA, Pedro G. Dr. Li, Baciju
Thursday 17 April 2014	time title 09:00 Massive gravity and cosmology 09:45 Testing General Relativity with Cosmology 19:30 Coffee Break 11:00 Maddited Gravity at Croseroad 11:45 Gravitational wave standard sirens and cosmology	presenter MUKDHXAMA, Shinji Prof. FERREIFIA, Pedro G. Dr. Li, Baciju
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Thursday 17 April 2014 Friday 18 April 2014	time title 09:00 Massive gravity and cosmology 09:45 Testing General Relativity with Cosmology 19:30 Coffee Break 11:00 Madified Gravity at Crossroad 11:45 Gravitational wave standard sirens and cosmology Afternoon session Chambre du Trésorier (14:30-18:30) Sine title 14:30 Massive black holes and galaxy formation: state of the art and implications in cosmology 15:00 Supermassive black holes, gravitational waves and cosmology 16:00 Dosmology with the 21 om line 18:00 Dark Energy using wide field imagers 17:10 Cosmic variance on the local expansion rate. 17:30 Cosmology with photometric quasars 17:50 Dark Energy Survey: Status Report and Early Cluster Science 18:10 Probing beyond standard model physics via Hawking radiated gravitational waves 3:Chaservational Cosmology - Chambre du Trésorier (09:00-12:30 time title 09:00 Cosmology with type-la Supermovae 09:45 Cosmology with the Euclid satellite	presenter MUKICHYAMA, Shinji Prof. FERREFIA, Pedro G. Dr. Li, Banjiu SATHYAPRAKASH, Bangalon presenter VOLONTERI, marts Dr. SESANA, Aberto MAO, YI BONVIN, Camille EALET, Anne VALMENBURG, Wessel Mr. LEISTEDT, Buris EVPAPO, August Mr. FUJITA, Tomohiro presenter BETOULE, Marc



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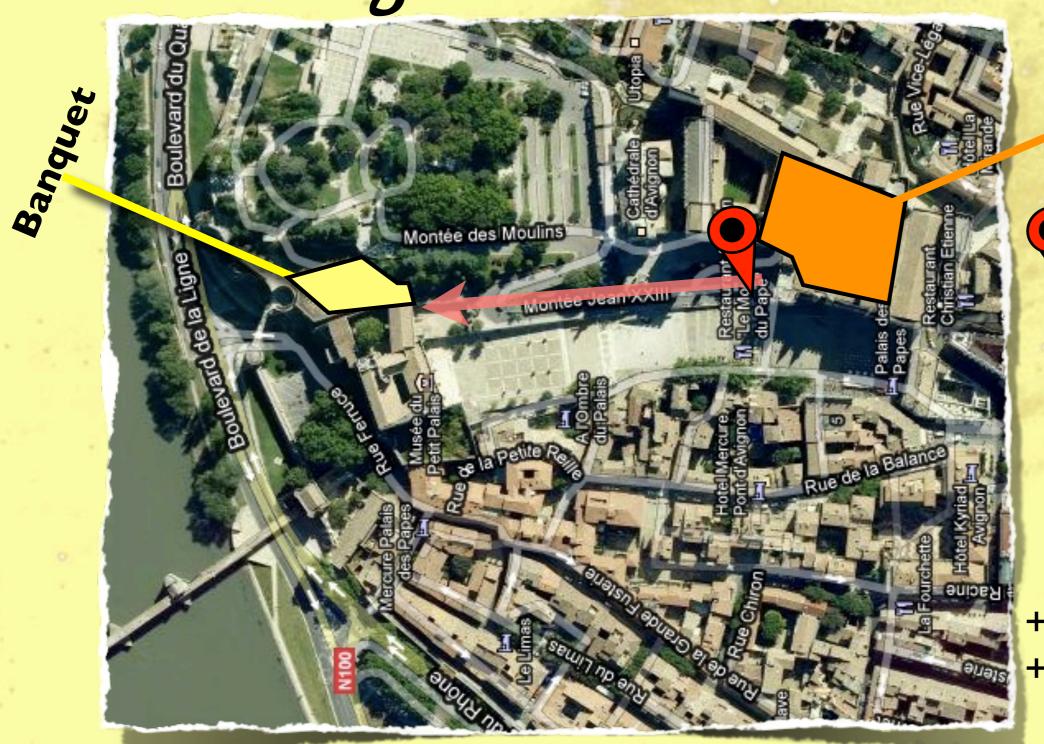
... and everything else

- Welcome cocktail monday at 19h20 (Salle des Gardes, Palais des Papes)
- Banquet on Thursday at 8pm

- Discounted tickets to visit the Palais:
 - show your conference badge at the entrance for a (small) reduction

Opening hours: 9 am - 7 pm

Banquet thursday at 20h00



Palais

Meet in front of Centre des Congrès at 19h30

If locked out:

+33 6 26 88 12 67

+33 6 19 38 43 07

More practical info

Rooms open: 8:30-13:00 14:15-end of session

Locked during lunch break (you can leave bags here)

Wireless: AvignonCongresN

(no password needed)

Red badge = help



More practical info

Small chambers are at your disposal (for secret conclaves)



Speakers (especially afternoon):

please upload your talk

(or come see us during the breaks)











Progress on Old and New Themes in Cosmology



