



Exploring the Physics of Inflation

Santander, Spain • June 24-27, 2013

	June 24th	June 25th	June 26th	June 27th
08:50 - 09:00	Welcome Presentation			
	PLANCK RESULTS	LSS SURVEYS I	THEORY OF INFLATION	CMB POLARIZATION EXPERIMENTS I
09:00 - 09:50	Planck General Results, <i>R. Mandolesi</i>	The Euclid Mission, <i>R. Rebolo</i>	Planck Results on Cosmological Parameters, <i>G. Rocha</i>	The Polarbear Experiment, <i>A. Lee</i>
09:50 - 10:15	Planck Results on Inflation, <i>F. Finelli</i>	The J-PAS Galaxy Survey, <i>N. Benitez</i>	Inflation in 2013, <i>W. Kinney</i>	A New Study of Circularly Polarised Emission from O ₂ Molecules for CMB Experiments at 18.2° N., 42.7° E., <i>Y. Hafez</i>
10:15 - 10:40				Planar Asymmetries in the CMB Sky, <i>F. Paci</i>
10:40 - 11:05	Pseudo-Spectrum Methods to Estimate CMB B-modes Power Spectra, <i>A. Ferté</i>	Constraints on Local Non-Gaussianity in Future Surveys, <i>A. Marcos-Caballero</i>	Fast-turn Feature in Multi-field Inflation, <i>K. Turzynski</i>	Constraints on Inflationary Models with Planck+QUIJOTE, <i>V. Salzano</i>
11:05 - 11:35	Coffee Break			
	DATA ANALYSIS AND RESULTS FROM CMB EXPERIMENTS I	LSS SURVEYS II	CONSTRAINTS ON INFLATION FROM CMB AND LSS I	CMB POLARIZATION EXPERIMENTS II
11:35 - 12:25	Planck Results on f_{nl} , <i>B. Wandelt</i>	PRISM, <i>M. Bucher</i>	Non-Isentropic Inflation Models and Constraints from CMBR, <i>R. Ramos</i>	CMB Polarization Experiments: Instrumental Developments, <i>L. Piccirillo</i>
			Implications of the Higgs Vacuum Stability for Inflation, <i>A. Kobakhidze</i>	

12:25 - 12:50	CMB Constraints on Non-Gaussianity Beyond f_{nl} , <i>T. Sekiguchi</i>	Constraints on Primordial Non-Gaussianity with the LSS and CMB, <i>T. Giannantonio</i>	Light Inflation Reconciling ϕ^4 Inflation with Planck and Experimental Prospects, <i>F. Bezrukov</i>	Concept for a B-mode Interferometer Using an Analogue Optical Correlator, <i>B. Watson</i>
12:50 - 13:15	Exploring Local f_{nl} Estimators Based on the Binned Bi-spectrum, <i>B. Casaponsa</i>		Strongly Coupled Phase of Inflation and Holography, <i>Y. Urakawa</i>	Millimeter Wave Receivers for the QUIJOTE CMB Polarization Experiment, <i>E. Artal</i>
13:15 - 15:00	Break			
	DATA ANALYSIS AND RESULTS FROM CMB EXPERIMENTS II	FREE AFTERNOON	CONSTRAINTS ON INFLATION FROM CMB AND LSS II	CMB POLARIZATION EXPERIMENTS III
15:00 – 15:50	The QUIJOTE CMB Experiment, <i>J. A. Rubiño</i>		Distinctive Signatures of Primordial NG Beyond f_{nl} , <i>N. Bartolo</i>	ACT Experiment Results, <i>S. Staggs</i>
15:50 - 16:15	EBEX, A Balloon Borne CMB Polarization Experiment, <i>J. Didier</i>		Three-form Inflationary Magnetogenesis, <i>F. Urban</i>	SPT Results, <i>S. Hoover</i>
16:15 - 16:40	Forecasts on the Contamination Induced by Unresolved Point Sources in Primordial Non-Gaussianity Beyond Planck, <i>A. Curto</i>		Effects of Primordial Magnetism on the Warm Inflation Scenario, <i>G. Piccinelli</i>	
16:40 - 17:05	Primordial Magnetic Fields and the Cosmic Microwave Background, <i>B. Ruiz Granados</i>		Inflationary Growth of Coupled Scalar Fields and its Implications, <i>J. C. Bueno</i>	A New Estimator to Constrain the Anomalous Nature of the Cold Spot, <i>M. Cruz</i>
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Social Activities	Welcome Cocktail at 7 PM, <i>Palacio Real de La Magdalena</i>	Boat Trip Around the Bay at 7:30 PM, <i>Reginas Ferry Station</i>	Conference Dinner at 7:30 PM, <i>Hotel Real</i>	