

MONDAY, APRIL 10th		
09:20-10:20	Iván Agulló	Loop Quantum Cosmology and the Cosmic Microwave Background.
10:20-10:40	João Morais	Pre-inflationary imprints in the CMB: the case for smooth transitions.
10:40-11:00	Mar Bastero Gil	Initial conditions for inflation: the role of fluctuation-dissipation dynamics.
11:00-11:20	Grigorios Panotopoulos	Natural Inflation on the brane with a TeV-scale gravity: Parameter constraints after Planck 2015.
11:20-12:00	Coffee Break	
12:00-12:20	Francisco Torrentí	Higgs-curvature coupling and post-inflationary vacuum instability.
12:20-12:40	Carlos Tamarit	Unifying inflation with the axion, dark matter, baryogenesis and the seesaw mechanism.
12:40-13:00	Sulona Kandhai	Investigating 4th order gravity: SNIa constraints on a viable model for f(R) gravity
13:00-13:20	Miguel Méndez Isla	An analysis of results in indirect searches of Dark Matter
13:20-15:00	Lunch	
15:00-15:20	Sergio Pastor	The effective number of neutrinos: standard and non-standard calculations.
15:20-15:40	Pablo Fernández de Salas	Local density of relic neutrinos with minimal mass.
15:40-16:00	A. Delhom	Observable traces of non-metricity: accelerator constraints on metric-affine gravity.
16:00-16:20	Clara Álvarez Luna	Dark photon searches with atomic transitions.
	Coffee Break	
16:40-17:00	Iker Leanizbarrutia	Analysing a forecast cosmological redshift drift.
17:00-17:20	Andras Kovacs	The ISW imprint of Supervoids: from simulations to DES, BOSS and Euclid data.
17:20-17:40	Ana Alonso-Serrano	Entropy budget in black hole evaporation.
End of day 1		

TUESDAY, APRIL 11th		
09:20-10:20	Lavinia Heisenberg	Modified Gravity
10:20-11:00	D. Rubiera-García	Born-Infeld gravity as a cure to spacetime singularities.
11:00-11:20	J. Beltrán Jiménez	Theoretical aspects of Born-Infeld theories of gravity with applications to cosmology
11:20-12:00	Coffee Break	
12:00-12:20	M. Bouhmadi-López	The growth rate in phantom dark energy models.
12:20-12:40	Ismael Ayuso	Cosmological Backreaction: review and toy models.
12:40-13:00	Nelson Nunes	Dark energy disformal interactions
13:00-13:20	Tiago Barreiro	Screening three-form fields
13:20-15:00	Lunch	
15:00-15:20	Sergei Odintsov	Inflation in higher-derivative gravity
15:20-15:40	Sravan Kumar	Non-local R^2 inflation and Quantum gravity.
15:40-16:00	A. del Río	CMB bounds on the field content of the Universe.
16:00-16:20	Ana Catarina Leite	Preparing ESPRESSO's fundamental physics tests.
16:20-16:40	Coffee Break	
16:40-17:00	Carlos Martins	Varying couplings and dark energy: a meta-analysis.
17:00-17:20	Azam Izadi	Observational effects of varying speed of light in quadratic gravity.
17:20-17:40	Mariusz Dabrowski	Varying speed of light cosmologies.
End of day 2		

WEDNESDAY, APRIL 12th		
09:20-10:20	Daniel G. Figueroa	Gravitational waves as a probe of the early Universe.
10:20-10:40	Lara Sousa	Probing Cosmic Superstrings with Gravitational Waves.
10:40-11:00	Ivan Rybak	CMB for analytical model of wiggly and superconducting cosmic strings.
11:00-11:20	Ruth Lazkoz	CANTATA: a modified gravity European project.
11:20-12:00	Coffee Break	
12:00-12:20	Juan García-Bellido	Gravitational waves from primordial black holes as dark matter.
12:20-12:40	M. García-Fernández	Weak lensing magnification: a probe for the Dark Universe.
12:40-13:00	Alberto Rozas	Cosmological constraints on a Unified Dark Matter scalar field model with fast transition.
13:00-13:20	Bruno Barros	Coupled Quintessence.
13:20-15:00	Lunch	
15:00-15:20	Francisco S.N. Lobo	Wormholes, warp drives and energy conditions.
15:20-15:40	Antonio Ferreira	Adiabatic regularization with a Yukawa interaction.
15:40-16:00	José Pedro Mimoso	Exploring the stability of thermal equilibrium between matter and horizon.
16:00-16:20	Francisco Cabral	Electrodynamics and spacetime geometry - Foundations and Applications.
16:20-16:40	Coffee Break	
16:40-17:00	IberiCOS2018	Announcement of next IberiCOS location.
17:00-17:20	Manuel Krämer	Interuniversal entanglement in cyclic multiverse models.
17:20-17:40	Salvador Robles-Pérez	Looking for observational imprints of the multiverse in the properties of our universe.
End of day 3		