

TUESDAY

CMB (Chair: Antony Lewis)

SESSION 1 (MR2)

Renee Hlozek	Recent cosmological results from the Atacama Cosmology Telescope
Robert Crittenden	Intrinsic non-Gaussianity of the CMB
Simon Su	Non-linear Boltzmann equations on Cosmic Microwave Background
Cyril Pitrou	Weak lensing B-modes as a probe of local isotropy
Christian Fidler	Second Order intrinsic Non-Gaussianity of the cmb - SONG
Antony Lewis	Rayleigh scattering and the CMB
Stephen Feeney	Is there evidence for additional neutrino species from cosmology?
Benjamin Audren	Conservative constraints on homogeneous cosmology from Planck data
Marcel Schmittfull	On the joint analysis of CMB temperature and lensing-reconstruction power spectra
Samuel Flender	Small scale asymmetry in the cosmic microwave background
Helge Gruetjen	Towards efficient CMB analysis on a incomplete sky

Inflation II (Chair: David Wands)

SESSION 2 (MR3)

Juan Carlos Bueno Sanchez	The inflationary origin of the cold spot
Konstantinos Dimopoulos	Inflation with vector backreaction
David Lyth	The CMB asymmetry from inflation
Anupam Mazumdar	Reviewing the status of particle physics models of inflation
Paul McFadden	Holography for slow-roll inflation
Adam Solomon	Instabilities during Einstein-Aether Inflation

Non-Gaussianity (Chair: David Wands)

Sebastien Renaux-Petel	Primordial non-Gaussianities
James Fergusson	Non-Gaussianity after Planck
Raquel Ribeiro	A factorization theorem in the separate universe picture: from CMB to LSS
Teruaki Suyama	Statistics of general functions of a Gaussian field - application to non-Gaussianity from preheating
Jinn-Ouk Gong	Correlating correlation functions of the primordial perturbation
David Mulryne	Transporting non-Gaussianity from sub- to super-horizon scales

Large-Scale Structure II (Chair: Camille Bonvin)

SESSION 3 (MR4)

Bridget Falck	The Indra Suite of Simulations and the ORIGAMI Evolution of Structures
Aurel Schneider	Halo mass function and the free streaming scale
Shaun Hotchkiss	Implications of the stacked "integrated Sachs-Wolfe effect" from superstructures
Thomas Richardson	The density of dark matter at the centre of dwarf spheroidal galaxies
Petr Kaspar	Influence of backreaction on the expansion rate inside LRS class II family
Irene Balmes	DEUSS simulations: imprints of dark energy on the profile of dark matter halos
Song Chen	Fluctuation of number counts in the upcoming radio continue surveys
Carlos Martins	The UVES Large Programme for Testing Fundamental Physics
Victor Robles	Finite temperature scalar field halos and strong gravitational lensing constraints
Arino Prats Andreu	3D power spectrum of the flux field from cosmological simulations
Alberto Rozas-Fernandez	Phenomenology of unified dark matter

Dark Energy + Modified Gravity I (Chair: Anne Davis)

SESSION 4 (MR5)

Marco Crisostomi	Cosmology of dRGT massive bi-gravity
Ho-Ming Mok	Cosmological constant problem and equivalence principle of quantum gravity
Tomi Koivisto	On nonsingular gravity and the origin of cosmological structure
Tai-jun Chen	Higher derivative theories with constraints: exorcising Ostrogradski's ghost
Jeremy Sakstein	Stellar Oscillations in Modified Gravity
Danielle Wills	D-branes and the disformal dark sector