

MONDAY

Dark Matter I (Chair: Scott Watson)

SESSION 1 (MR2)

Mark Hindmarsh	Dark matter from decaying topological defects
Cora Dvorkin	Traces of dark matter annihilation in the CMB
Malcolm Fairbairn	Dark matter after the LHC
Krzysztof Turzyski	Gravitino dark matter with constraints from Higgs boson mass and sneutrino decays
Pyungwon Ko	Generic aspects of Higgs portal dark matter and Higgs phenomenology
Mustafa Amin	A Clash of Kinks: Ultra-relativistic Soliton Collision

Dark Matter II (Chair: Mark Hindmarsh)

Abril Suarez	Bose-Einstein condensate dark matter phase transition from finite temperature symmetry breaking
Thomas Flacke	Dark matter and collider signatures from extra dimensions
Andrei Khmelnitsky	Time-dependent gravitational potential signal from ultralight scalar dark matter
Fabio Capela	Constraints on primordial black holes as dark matter
Katherine Mack	Dark Matter Particle Physics in Cosmological Simulations
Scott Watson	Dark matter production mechanisms and implications for testing inflation with Planck

Inflation I (Chair: Sebastien Renaux-Petel)

SESSION 2 (MR3)

Tomohiro Fujita	Inflationary magnetogenesis
Thorsten Battefeld	Inflation on a random landscape
Jonathan Frazer	Predictions in multifield models of inflation
Layne Price	Multifield inflation: initial conditions and predictions
Mark Jackson	Effective field theory in inflation
Raphael Flauger	Towards Planck Constraints on Monodromy Inflation
Kohei Kamada	The electroweak vacuum stability during and after inflation
Valentin Assassi	Probing high-scale physics with Planck
M C David Marsh	Charting an Inflationary Landscape with Random Matrix Theory
Gabriele Trevisan	The physical squeezed limit: consistency relations at order q^2
Gonzalo Palma	Effective field theory of weakly coupled inflationary models
Laurence Perrault-Levasseur	Stochastic Formalism Revisited: A Self-Consistent Recursive Approach

Large-Scale Structure I (Chair: Daniel Baumann)

SESSION 3 (MR4)

Dan Thomas	Post-Newtonian effects in cosmology: $c \rightarrow \infty$ and beyond
Mathias Garny	On the non-linear scale of cosmological perturbation theory
Lorenzo Mercolli	Power- and bispectrum in the effective field theory of large scale structure
Thomas Tram	Cosmological perturbation theory in non-flat universes
Johannes Noller	On relativistic scalar fields and the quasi-static approximation
Wessel Valkenburg	Quantitative constraints on the Copernican Principle
Camille Bonvin	Measuring relativistic effects in large-scale structure
Ido Ben-Dayan	Dispersion of the luminosity distance as a cosmological probe
Alicia Bueno Beloso	The angular homogeneity scale of the universe
Tobias Baldauf	Halo clustering beyond the local bias model
Francesco Pace	Structure formation in non-minimally coupled dark energy models