

## THURSDAY

### Dark Energy + Modified Gravity II (Chair: Clare Burrage)

SESSION 1 (MR2)

Andrew Tolley	Galileon duality
Matteo Fasiello	The interplay of stability requirements and observations in massive gravity
Yashar Akrami	Cosmology of ghost-free bimetric gravity: generalised theory and late-time acceleration
Mustapha Ishak	Recent progress on testing general relativity at cosmological scales
Lucas Lombriser	Chameleon clusters in $f(R)$ gravity
Lasma Alberte	Massive gravity with two Stueckelberg fields
Jonathan Pearson	Parameterizing dark sector perturbations via equations of state
Robert Poltis	Gravitational Lensing and Time Delay in Chameleon Gravity
Carsten van de Bruck	Disformal couplings and cosmology
Kazunari Shima	Nonlinear supersymmetric general relativity theory and cosmological meanings
Rampey Kimura	Inevitable ghost in the decoupling limit of quasi-dilaton theory
Dominika Konikowska	Dilaton gravity in brane scenarios and the large-scale structure challenge

### Inflation III (Chair: Ana Achucarro)

SESSION 2 (MR3)

Tomohiro Matsuda	Modulated decay and the curvaton mechanism
Rudnei Ramos	CMB constraints from WMAP and Planck on warm inflation models
Norihiro Tanahashi	Multi-field G-inflation
Michela D'Onofrio	Electrically charged curvaton (arXiv: 1207.1063)
Benedict Broy	Trans-Planckian considerations in inflationary cosmology
Carlos Nieto Guerrero	The levels of statistical anisotropy in the power spectrum of the curvature perturbation are scale-dependent: application to gauge-flation and hairy inflation

### Inflation IV (Chair: Peter Adshead)

Yeinzon Rodriguez Garcia	The different varieties of the Suyama-Yamaguchi consistency relation
Joseph Elliston	What Planck does not tell us about inflation
Mark Wyman	Inflation from magnetic drift
Ana Achucarro	Inflation with a reduced speed of sound: correlating features in the primordial spectra
Lingfei Wang	CMB asymmetry from fast roll
Antonio L. Maroto	Isotropy theorem for cosmological vectors and higher spin fields

### Primordial Cosmology (Chair: Raphael Flauger)

SESSION 3 (MR4)

Tomislav Prokopec	On the final state on de Sitter [based on arXiv:1304.0404]
Patrick Peter	Bouncing cosmologies: where do we stand after Planck?
Francisco Pedro	Extended no-scale structure and $\alpha^2$ corrections to the type IIB action
Amjad Ashoorioon	Parametric resonance and gravitational wave production around the SUSY vacuum in gauged M-flaton
Matthew Williams	Accidental Supersymmetry and the Renormalization of Co-dimension 2 Branes
Leonardo Trombetta	Nonperturbative quantum field theory in curved spaces: de Sitter self-consistent solutions

### Astro Particle (Chair: Raphael Flauger)

David Marsh	Cosmology of the string axiverse
Stephen Angus	Loop corrections to dark radiation production in LARGE volume models
Masaki Yamada	Opening the window to the co-genesis with Affleck-Dine mechanism in gravity mediation
Jean Racker	Mass bounds for thermal baryogenesis from particle decays
Tomohiro Nakama	Testing scenarios of primordial black holes being seeds of supermassive black holes by ultracompact minihalos

### Phase Transitions (Chair: Eugene Lim)

SESSION 4 (MR5)

David Weir	Gravitational waves from the sound of a first order phase transition
Yuhei Miyamoto	The role of gauge fields in phase transitions in the early Universe
Yuki Watanabe	Gravitational modulated reheating and non-Gaussianity in supergravity R2 inflation
Laura Bethke	Anisotropic gravitational waves from preheating

### Astro Particle II (Chair: Eugene Lim)

David Vrba	Modeling of inhomogeneity in Szekeres spacetime
Yi-Peng Wu	Curvature perturbation impulse from shift symmetry breaking
Martin Sahlen	Gravity quirks: non-linear nuisance or scaling sign?

Wan-Il Park	A portal extension of the standard model with an unbroken local dark U(1)
Mikjel Thorsrud	Infrared corrections to the primordial power spectrum in the $f^2R^2$ mechanism
Daisuke Yamauchi	Full-sky formulae for weak lensing power spectra from total angular momentum method