

COSMO-15, the 19th annual International Conference on Particle Physics and Cosmology

Tuesday 08 September 2015

Inflation and phase transitions: Inflation + PT (14:00-15:40)

-Conveners: Kari Enqvist

time	[id] title	presenter
14:00	[131] Dynamically Induced Planck Scale and Inflation	RACIOPPI, Antonio
14:20	[132] Composite Cosmology	CROON, Djuna
14:40	[133] Tensor and scalar perturbations from dilaton-induced gauge fields	CHOI, Kiwoon
15:00	[134] Is it Inflation?	KINNEY, Will
15:20	[135] Inflationary fossils in large scale structures	DIMASTROGIOVANNI, Emanuela

Inflation and phase transitions: Inflation + PT - Rm 111+112 (16:10-18:10)

-Conveners: Kari Enqvist

time	[id] title	presenter
16:10	[136] CP-violating top-Higgs coupling and electroweak phase transition	YUE, Jason Tsz Shing
16:30	[137] Correlation Functions in Stochastic Inflation	VENNIN, Vincent
16:50	[138] Shaft Inflation	DIMOPOULOS, Konstantinos
17:10	[139] The squeezed limit of the bispectrum for multifield inflation	KENTON, Zachary
17:30	[140] How does canonical quantum gravity affect scalar and tensor perturbations during inflation?	KRÄMER, Manuel
17:50	[141] Warm intermediate inflation in the Randall–Sundrum II model in light of Planck 2015 and BICEP2 results.	VIDELA, Nelson

Wednesday 09 September 2015

Inflation and phase transitions: Inflation - Rm 111+112 (09:00-10:40)

-Conveners: Kari Enqvist

time	[id] title	presenter
09:00	[143] Mixed Inflaton and Spectator Field Models: CMB constraints and μ distortion	TAKAHASHI, Tomo
09:20	[144] L-R neutrino oscillation during preheating	MATSUDA, Tomohiro
09:40	[145] Stabilizing the Planck mass shortly after inflation	CHRISTOPHERSON, Adam
10:00	[146] Single superfield inflation, moduli stabilization, and supersymmetry breaking	TERADA, Takahiro
10:20	[147] Massive primordial black holes from hybrid inflation as dark matter and the seeds of galaxies	CLESSE, Sebastien

Inflation and phase transitions: PT - Rm 115+116 (09:00-10:40)

-Conveners: Mark Hindmarsh

time	[id] title	presenter
09:00	[162] Domain wall formation via axion roulette and axion domain wall baryogenesis	KITAJIMA, Naoya
09:20	[164] Chasing monopoles	LOPEZ-EIGUREN, Asier
09:40	[165] Random walks in deSitter	RIGOPOULOS, Gerasimos
10:00	[167] The observational position of simple non-minimally coupled inflationary scenarios	EDWARDS, David
10:20	[168] Astrophysical and Cosmological Probes of Cosmic String Networks	LONG, Andrew

Inflation and phase transitions: Inflation - Rm 111+112 (11:10-12:50)

-Conveners: Kari Enqvist

time	[id] title	presenter
11:10	[156] Liberating vector fields from their CMB anisotropy constraint	BUENO SANCHEZ, Juan Carlos
11:30	[157] Renormalization in Higgs inflation	MOOIJ, Sander
11:50	[158] Inflation, quantum gravity and the latest Planck data	SALTAS, Ippocratis
12:10	[159] A universal threat to single-field inflation	RENAUX-PETEL, Sebastien
12:30	[160] Non-metric inflation	KOIVISTO, Tomi

Inflation and phase transitions: PT - Rm 115+116 (11:10-12:50)

-Conveners: Mark Hindmarsh

time	[id] title	presenter
11:10	[170] Three-Dimensional Quantum Bubble Collisions	BRADEN, Jonathan

11:30	[172] Fate of the Primordial Higgs Condensate	NURMI, Sami
11:50	[173] Bounds on the hidden Universe	PATIL, Subodh
12:10	[175] Gravitational Waves in the Supersymmetric Extensions of the SM	NARDINI, Germano
12:30	[176] Vector and tensor contributions to the curvature perturbation at second order	GREGORIO CARRILHO, Pedro

Thursday 10 September 2015

Inflation and phase transitions: Inflation + PT - Rm 111+112 (14:00-15:40)

-Conveners: Arttu Rajantie

time	[id] title	presenter
14:00	[178] Corpuscular Considerations on Cosmological Observables and Eternal Inflation	KUHNEL, Florian
14:20	[180] Gauge and fermion preheating and the end of axion inflation	SFAKIANAKIS, Evangelos
14:40	[181] Massive vector multiplet inflation with DBI type action	YAMADA, Yusuke
15:00	[183] Thermalization after Inflation	MUKAIDA, Kyohei
15:20	[184] Acoustically generated gravitational waves at a first order phase transition	WEIR, David

Inflation and phase transitions: Inflation + PT - Rm 111+112 (16:10-18:10)

-Conveners: Arttu Rajantie

time	[id] title	presenter
16:10	[186] Inflation and dark energy from alpha-attractors	SCALISI, Marco
16:30	[187] Consistency relations for features in the primordial spectra	PALMA, Gonzalo
16:50	[188] Spacetime curvature and the Higgs stability before and after inflation	MARKKANEN, Tommi
17:10	[189] Generation and evolution of cosmological magnetic fields at the electroweak epoch	RUCHAYSKIY, Oleg
17:30	[191] Heavy neutrinos in cosmology and particle physics	DREWES, Marco
17:50	[209] Particle production after inflation with non-minimal derivative couplings to gravity	EMA, Yohei

Friday 11 September 2015

Inflation and phase transitions: PT - Rm 115+116 (14:00-15:40)

-Conveners: Mariusz Dąbrowski

time	[id] title	presenter
14:00	[200] Scale Invariant Top Condensate Model	LIANG, Shelley
14:20	[201] Primordial magnetic fields from cosmic defects	HORIGUCHI, Kouichirou
14:40	[202] QCD corrections to Leptogenesis	MENDIZABAL, Sebastian
15:00	[203] Cosmology With Negative Absolute Temperatures	VIEIRA, Jose Pedro Pinto
15:20	[204] Helical Magnetic Fields from Creation to Detection	LONG, Andrew

Inflation and phase transitions: Inflation - Rm 111+112 (14:00-15:40)

-Conveners: Marek Demiański

time	[id] title	presenter
14:00	[194] Gravitational effects on inflaton decay	JINNO, Ryusuke
14:20	[196] Production of magnetic fields in axion inflation and their post-inflationary evolution	NAMBA, Ryo
14:40	[197] Generation of sparse and localized curvature perturbation from inflation	SUYAMA, Teruaki
15:00	[198] Warm quartic inflation in light of Planck 2015 results	PANOTOPOULOS, Grigorios
15:20	[199] Influence of interactions terms on non-perturbative particle production and preheating	ENOMOTO, Seishi