

TeV Particle Astrophysics 2016

Monday, September 12, 2016

Cosmology & Gravitational Waves: I - 13/2-005 (2:00 PM - 4:00 PM)

-Conveners: Marco Drewes

time	[id] title	presenter
2:00 PM	[66] A strong first order electroweak phase transition from varying yukawas at the weak scale	BALDES, Iason
2:20 PM	[117] CP-violation and baryon-asymmetry from varying Yukawas at the weak scale.	BRUGGISSER, Sebastian
2:40 PM	[80] Falsifying Baryogenesis Models via Observation of Lepton Number Violation	DEPPISCH, Frank
3:00 PM	[46] Higgs doublet decay as the origin of the baryon asymmetry	Dr TERESI, Daniele
3:20 PM	[146] Leptogenesis from Oscillations of Heavy Neutrinos with Large Mixing Angles	Mr KLARIC, Juraj
3:40 PM	[196] Challenges for leptogenesis at the TeV scale	NARDI, Enrico

Tuesday, September 13, 2016

Cosmology & Gravitational Waves: II - 6/2-024 - BE Auditorium Meyrin (2:00 PM - 4:00 PM)

-Conveners: David Richard Harvey

time	[id] title	presenter
2:00 PM	[21] Originating the hot Big Bang from the Standard Model Higgs	FIGUEROA, Daniel G.
2:20 PM	[164] Gravitational waves from oscillons after inflation	CEFALÀ, Francesco
2:40 PM	[10] Probing BSM physics at eLISA	NARDINI, Germano
3:00 PM	[185] Pick any two? Baryogenesis, gravitational waves and thermal phase transitions	WEIR, David
3:20 PM	[15] Probing the nature of the electroweak phase transition/baryogenesis from the particle colliders to the gravitational wave detectors	HUANG, Fa Peng
3:40 PM	[99] Probing the expansion of the Universe using gravitational wave standard sirens at eLISA	CAPRINI, Chiara

Thursday, September 15, 2016

Cosmology & Gravitational Waves: III - 500/1-001 - Main Auditorium (2:00 PM - 4:00 PM)

-Conveners: David Richard Harvey

time	[id] title	presenter
2:00 PM	[1] Towards a more precise prediction of the dark matter relic density	HERRMANN, Björn
2:20 PM	[147] Tachyonic Reheating to a Higgs Boson	CROON, Djuna
2:40 PM	[195] Solving five problems of particle physics and cosmology in one stroke	BALLESTEROS MARTINEZ, Guillermo
3:00 PM	[54] From warm dark matter to dark radiation: General cosmological constraints on a second dark component in the Universe	Mrs DIAMANTI, Roberta
3:20 PM	[92] Including massive neutrinos in nonlinear perturbation theory	Dr DUPUY, Helene
3:40 PM	[63] Challenges to Cosmic Self-Acceleration in Modified Gravity from Gravitational Waves and Large-Scale Structure	Dr LOMBRISER, Lucas

Cosmology & Gravitational Waves: IV - 4/3-006 - TH Conference Room (4:30 PM - 6:30 PM)

-Conveners: Damir Buskulic

time	[id] title	presenter
4:30 PM	[184] The detection of binary black holes in Advanced LIGO's first scientific run	Dr PORTER, Edward
4:50 PM	[194] Parameter inference for compact binaries with the gravitational-wave observatory Advanced LIGO	RAYMOND, Vivien
5:10 PM	[189] Advanced LIGO First Light: Multimessenger Astrophysics at the Birth of Gravitational-Wave Observatory	SINGER, Leo
5:30 PM	[156] Searches for continuous gravitational waves in the advanced detector era	WOAN, Graham
5:50 PM	[144] Tests of general relativity with gravitational waves	Dr VAN DEN BROECK, Chris
6:10 PM	[182] The search for a stochastic background of gravitational waves	Dr CELLA, Giancarlo