



# Progress on Old and New Themes in cosmology (PONT) 2011

## Monday, April 18, 2011

### Contributed Talks - Chambre du Trésorier (2:30 PM - 4:30 PM)

time	[id] title	presenter
2:30 P	[M3] Nonstandard tensor modes from a pseudoscalar inflaton	SORBO, Lorenzo
2:50 P	[M6] Gauge Non-Singlet Matter Inflation in Supergravity	Dr ANTUSCH, Stefan
3:10 P	[M2] Cosmological perturbations in the UV-protected inflation	Dr WATANABE, Yuki
3:30 P	[M2] Can thermal masses constrain the reheating temperature?	Dr DREWES, Marco
3:50 P	[M5] Imperfect Dark Energy of Kinetic Gravity Braiding	VIKMAN, Alexander
4:10 P	[M6] Minimal models of inflation -- connecting cosmology and experiment	Dr BEZRUKOV, Fedor

### Contributed Talks - Chambre du Trésorier (5:00 PM - 6:30 PM)

time	[id] title	presenter
5:00 P	[M9] Unitarizing Higgs inflation	Dr LEE, Hyun Min
5:15 P	[M9] Galilean symmetry in the EFT of inflation: new shapes of non-Gaussianity	Dr D'AMICO, Guido
5:30 P	[M0] Primordial fluctuations and non-Gaussianities in a Galilean theory	Dr RENAUX-PETEL, Sebastien
5:45 P	[M4] Inflection point inflation with MSSM Higgs fields	Mr CHATTERJEE, Arindam
6:00 P	[M5] Supercurvaton	DEMOZZI, Vittoria
6:15 P	[M3] Vector fields and Loop Quantum Cosmology	Mr ARTYMOWSKI, Michal

# Tuesday, April 19, 2011

## Contributed Talks - Chambre du Trésorier (2:30 PM - 4:30 PM)

time	[id] title	presenter
2:30 P	[M4] Supersonic Electroweak Baryogenesis: Achieving Baryogenesis from Fast Bubble Walls	Dr NO, Jose Miguel
2:50 P	[M1] Electroweak Baryogenesis from a Composite Higgs Sector	RIVA, Francesco
3:10 P	[M8] Helical magnetic fields from inflation and their evolution.	Dr HOLLENSTEIN, Lukas
3:30 P	[M8] New mechanism of generation of cosmological magnetic fields below electroweak scale	Dr RUCHAYSKIY, Oleg
3:50 P	[M1] Dark energy with non-adiabatic sound speed	Dr BALLESTEROS, Guillermo
4:10 P	[M] Dark energy and inhomogeneity	CLARKSON, Chris

## Contributed Talks - Chambre du Trésorier (5:00 PM - 6:30 PM)

time	[id] title	presenter
5:00 P	[M3] A large void versus the cosmological constant: still no verdict.	Dr VALKENBURG, Wessel
5:15 P	[M3] Backreaction in the relativistic Zel'dovich approximation	WIEGAND, Alexander
5:30 P	[M7] Growing neutrino dark energy	NUNES, Nelson
5:45 P	[M0] Anisotropic stress and (background) stability of modified gravity models	Mr SALTAS, Ippocratis
6:00 P	[M1] The Coincidence Problem in a Phantom Cyclic Model of the Universe	Ms CHANG, Hui-Yiing
6:15 P	[M0] The Strained State Cosmology	Prof. TARTAGLIA, Angelo

# Wednesday, April 20, 2011

## Contributed Talks - Chambre du Trésorier (2:30 PM - 4:10 PM)

time	[id] title	presenter
2:30 P	[M6] Cosmological Implications of Massive Clusters in the Early Universe	Dr HOYLE, ben
2:50 P	[M3] N-body simulations with generic non-Gaussian initial conditions	Dr WAGNER, Christian
3:10 P	[M5] Non-Gaussianities in halo clustering properties	Dr DE SIMONE, Andrea
3:30 P	[M7] Angular Clustering in Photometric Surveys: a new window for redshift distortions.	Dr CROCCE, Martin
3:50 P	[M0] What galaxy surveys really measure	Dr BONVIN, Camille

## Contributed Talks - Chambre du Trésorier (4:40 PM - 5:40 PM)

time	[id] title	presenter
4:40 P	[M9] Framework for performance forecasting and optimization of CMB B-mode observations in presence of astrophysical foregrounds	Mr ERRARD, Josquin
4:55 P	[M7] From k-essence to generalised Galileons and beyond...	Mr ZAHARIADE, George
5:10 P	[M4] Modeling the shapes of dark matter halos	ROSSI, Graziano
5:25 P	[M5] Cosmological Perturbations in Horava-Lifshitz Gravity	Dr CERIONI, Alessandro

# Thursday, April 21, 2011

## Contributed Talks - Chambre du Trésorier (2:30 PM - 4:30 PM)

time	[id] title	presenter
2:30 P	[M4] Spontaneous Genesis	Mr MCCULLOUGH, Matthew
2:50 P	[M0] Non-Abelian Discrete Dark Matter	PRADLER, Josef
3:10 P	[M4] Dark matter direct detection: a closer look at the astrophysical uncertainties	Dr CATENA, Riccardo
3:30 P	[M6] Dark matter searches with the Fermi-LAT	ZAHARIJAS, Gabrijela
3:50 P	[M8] Constraining the dark matter density profile of milky way with gamma-rays with Fermi-LAT	Dr BERNAL, Nicolas
4:10 P	[M2] Indirect Search for Dark Matter with the ANTARES Neutrino Telescope	BERTIN, Vincent

## Contributed Talks - Chambre du Trésorier (5:00 PM - 6:30 PM)

time	[id] title	presenter
5:00 P	[M7] Dark matter relic density at one loop level - effective coupling approach	Ms KULKARNI, Suchita
5:15 P	[M2] Dark Matter Effective Theory	DEL NOBILE, Eugenio
5:30 P	[M9] Electroweak lights from Dark Matter annihilation	Dr URBANO, Alfredo
5:45 P	[M8] Gamma-Ray Lines from Radiative Dark Matter Decay	TRAN, David
6:00 P	[M5] Light Dark Matter and Neutrino Telescopes	Mr WINKLER, Martin
6:15 P	[M1] Relic gravitational waves from light primordial black holes	EJLLI, Damian