

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

Tuesday 08 September 2015

Dark Energy: DE - Rm 115+116 (14:00-15:40)

-Conveners: Dragan Huterer

time	[id] title	presenter
14:00	[84] Cosmology of massive gravity	FASIELLO, Matteo
14:20	[86] UV inspired $f(R)$	BROY, Benedict
14:40	[88] Modified gravity inside astrophysical bodies	SAITO, Ryo
15:00	[90] Numerical forecasts for atom interferometry experiments constraining modified gravity	SCHLOEGEL, Sandrine
15:20	[91] Equation of state of dark energy in $f(R)$ gravity	TAKAHASHI, Kazufumi

Dark Energy: DE - Rm 115+116 (16:10-18:10)

-Conveners: Dragan Huterer

time	[id] title	presenter
16:10	[92] Bimetric gravity is cosmologically viable	KOENNIG, Frank
16:30	[94] Tensor Modes in Bigravity: Primordial to Present	TERRANA, Alexandra
16:50	[95] Consistent metric combinations in cosmology of massive bigravity	NERSISYAN, Henrik
17:10	[96] Mapping dark energy with fundamental couplings	LEITE, Ana Caterina
17:30	[98] The Effective Field Theory approach to dark energy and modified gravity phenomenology	RAVERI, Marco
17:50	[100] Perturbations of Cosmological and Black hole Solution in Bi-gravity	YOSHIDA, Daisuke

Wednesday 09 September 2015

Dark Energy: DE - Rm 207 (09:00-10:40)

-Conveners: Marek Biesiada

time	[id] title	presenter
09:00	[73] Numerical Problems in Perturbed Coupled Quintessence	LEITHES, Alexander
09:20	[75] Cosmology with strong gravitational lensing systems	PIORKOWSKA, Aleksandra
09:40	[78] Interacting dark energy in light of CMB, lensing, and BAO data	PALMGREN, Elina
10:00	[79] Dark energy: Testing gravity in Voids and Halos	SPOLYAR, Douglas
10:20	[82] The Dynamical Evolution Of A Galaxy Cluster: The Local Effect Of Dark Energy	DONNARI, Martina

Thursday 10 September 2015

Dark Energy: DE - Rm 115+116 (14:00-15:40)

-Conveners: Ruth Gregory

time	[id] title	presenter
14:00	[105] Structure formation in fast transition UDM models	PACE, Francesco
14:20	[106] A magnified glance into the Dark Sector: Probing cosmological models with strong lensing in A1689	MAGANA, Juan
14:40	[108] Cosmology in delta Gravity: A Classical Analysis and Phenomenology	GONZALEZ, Pablo
15:00	[110] Constraints on hybrid metric-Palatini models from background evolution	SMER BARRETO, Vanessa
15:20	[111] Brans –Dicke supergravity and the Λ naturalness problem	HEWITT, Mike

Dark Energy: DE - Rm 115+116 (16:10-18:10)

-Conveners: David Polarski

time	[id] title	presenter
16:10	[112] Quasi-Static Solutions for Compact Objects in Chameleon Models	MUSCO, Ilia
16:30	[114] String Gas Cosmology with Varying Speed of Light	NAYERI, Ali
16:50	[116] The two faces of mimetic Horndeski gravity: disformal transformations and Lagrange multiplier	KARMAKAR, Purnendu
17:10	[118] Random potentials in Cosmology	BATTEFELD, Thorsten
17:30	[119] Initial conditions for simulations of arbitrary modified gravity, beyond quasi-static approximations	VALKENBURG, Wessel
17:50	[121] Covariantised Vector Galileons	HULL, Mathew