28th Texas Symposium on Relativistic Astrophysics

Sunday, 6 December 2015

03 - Modifications of gravity - Level 2, Room 14 (16:15 - 18:45)

   -Conveners: Anne-Christine Davis

time	[id] title	presenter
16:15	[188] The radial velocity profile of the filament galaxies in the vicinity of the Virgo cluster as a test of gravity	Prof. LEE, Jounghun
16:35	[271] A Universal velocity dispersion profile for pressure supported systems: evidence for MONDian gravity across 12 orders of magnitude in mass	Mr DURAZO, Reginaldo
16:55	[159] Searching for new short-range forces using optically levitated microspheres	MOORE, David
17:25	[232] The variation of the fine-structure constant from disformal couplings	Mr MIFSUD, Jurgen
17:45	[98] Lorentz violation in gravity	BLAS TEMINO, Diego
18:10	[46] Is the Ni's solution of the Tolman-Oppenheimer-Volkoff problem without the maximum-mass limit applicable to the real neutron stars? A discussion	Dr NESLUSAN, Lubos
18:13	[421] A relativistic metric extension of gravity based in the dynamics and lensing of individual, groups and clusters of galaxies	Dr MENDOZA, Sergio
18:16	[485] Varying constants entropic cosmology	GOHAR, Hussain
18:19	[30] Kaluza-Klein cosmological model in $f(R,T)$ gravity with $\Lambda(T)$	Prof. SAHOO, Pradyumn Kumar
18:22	[414] A Palatini formalism for MOND in $f(\chi)$ gravity	BARRIENTOS RODRÍGUEZ, Ernesto
18:25	[32] Anisotropic Spherically Symmetric Collapsing Star From Higher Order Derivative Gravity Theory	Dr GHAFFARNEJAD, Hossein
18:28	gap	

Monday, 7 December 2015

03 - Modifications of gravity - Level 2, Room 14 (14:00 - 15:45)

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time	[id] title	presenter
14:00	[179] Aspects of infrared non-local modifications of General Relativity	Ms CUSIN, Giulia
14:21	[113] Non-locality in General Relativity and Quantum Field Theory	CALMET, Xavier
14:42	[81] Beyond General Relativity: The Geometric Deformation and New Black Hole Solutions	OVALLE, Jorge
15:03	[1] Linearly shielded modifications of gravity	Dr LOMBRISER, Lucas
15:24	[222] Initial conditions for simulations of arbitrary modified gravity, beyond quasi-static approximations	VALKENBURG, Wessel

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16:15	[196] Consistent massive graviton on an arbitrary background	BERNARD, Laura
16:35	[361] Linear perturbations in massive bigravity: formalism and cosmology	MOTTA, Mariele
16:55	[349] Gravitational waves in a bigravity model: from inflation to present	GUARATO, Pietro
17:15	[393] Dualities and Symmetries of Galileons	NOLLER, Johannes
17:35	[194] Quasi-scale invariant inflationary attractors	RINALDI, Massimiliano
17:55	[365] Quasi-Static Solutions for Compact Objects in Chameleon Models	Dr MUSCO, Ilia
18:15	gap	