

Seventeenth Marcel Grossmann Meeting

Monday, 8 July 2024

Theories of gravity: alternatives to the cosmological and particle standard models: Monday block 1 - Aula 35 (15:00 - 16:30)

-Conveners: **Hernando Quevedo; Orlando Luongo; Francesco Pace**

time	[id] title	presenter
15:00	[118] Does dark energy really revive using DESI 2024 data?	CARLONI, Youri
15:18	[14] Gravity versus Quantum Particle Dynamics	KONG, Otto
15:36	[153] Entanglement entropy in quantum black holes	TOMASI, sebastiano
15:54	[58] A TDiff invariant scalar field theory: breaking and restoring the symmetry	JARAMILLO GARRIDO, Darío
16:12	[45] Modified gravity model without dark matter and dark energy	VERMA, Murli Manohar

Theories of gravity: alternatives to the cosmological and particle standard models: Monday block 2 - Aula 35 (17:00 - 18:30)

-Conveners: **Hernando Quevedo; Francesco Pace; Orlando Luongo**

time	[id] title	presenter
17:00	[258] The effects of intrinsic spin of matter in relativistic cosmology	LUZ, Paulo
17:18	[116] Generalized K-essence inflation in Jordan and Einstein frames	MENGONI, Tommaso
17:36	[129] Reconstructing cosmological dynamics from quantum communication between particle detectors	LAPPONI, Alessio
17:54	[31] Modeling of Charged Compact Star in $f(Q)$ gravity	Dr AZAM, Muhammad
18:12	[437] Breaking the baryon-dark matter degeneracy in a model-independent way through the Sunyaev-Zeldovich effect	ALFANO, Anna Chiara

Tuesday, 9 July 2024

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time	[id] title	presenter
15:00	[161] Particle production in inflationary regimes	BELFIGLIO, Alessio
15:18	[154] Thoughts on Spacetime Models and Cosmological Constant: Gravitation and Electromagnetism	Prof. RAKOTOMANANA, Lalaonirina
15:36	[634] Status of Electromagnetic Accelerating Universe	FRAMPTON, Paul
15:54	[88] The Classical Point Particle Singularity: An Illusion in GR and Elsewhere!	SOBOUTI, Yousef
16:12	[20] Alternative cosmologies	LÓPEZ CORREDOIRA, Martín

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17:00	[84] Structure formation in shift-symmetric Galileon models	PACE, Francesco
17:18	[436] Linear perturbations in Horndeski models with spatial curvature	GAMBINO, Serena
17:36	[257] Asymptotically Schwarzschild solutions in $f(R)$ extension of General Relativity	SCALI, Federico
17:54	[26] Dust models in Einstein-Gauss-Bonnet gravity	NAICKER, Shavani
18:12	[372] Repulsive gravity in regular black holes	LUONGO, Orlando