

XIII Workshop on New Physics in Space
ICTP/SAIFR - São Paulo, BR
Nov. 28 – Dec. 1, 2016

Start	End	Monday, Nov. 28		Tuesday, Nov. 29		Wednesday, Nov. 30		Thursday, Dec. 1	
9:00	9:20	REGISTRATION							
9:20	9:30	R. Rosenfeld	Welcome						
9:30	9:55	R. Opher	Opening	D. Rodrigues	Evidences against cuspy dark matter halos in large galaxies	S. Vitenti	Numerical Cosmology with NumCosmo	O. Aguiar	O que aprendemos com as primeiras detecções de ondas gravitacionais?
10:00	10:25	I. Shapiro	Conformal anomaly and applications to cosmology: new results on (modified) Starobinsky inflation	E. Karukes	The universal rotation curve of dwarf disk galaxies	M. Lima Vitenti	Calibrating the Planck Cluster Mass Scale with CLASH	M. Maia	Detecting Gravitational Waves from a Gravitational Compass
10:30	10:55	W. Corrêa de Lima	Mode-sum construction of the graviton two-point function in de Sitter space-time	M. Castaño	Dark Matter distribution in the Galactic bulge	V. Busti	Model-independent tests in cosmology	C. Chirenti	Effect of a variable cosmological constant on black hole quasinormal modes
11:00	11:30	COFFEE BREAK							
11:30	11:55	J. Ademir Lima	Is Λ CDM an Effective CCDM Cosmology?	F. Iocco	Particle DM constraints: the effect of Galactic uncertainties	J. Fabris	Viscous cosmology	J. Rodrigues	On Inflation, Neutrino masses and the strong CP problem in a 3-3-1 model
12:00	12:25	B. Giacchini	Low-energy effects in a superrenormalizable gravity model with real and complex massive poles	M. Vecchi	What have we learned after 5 years aboard the ISS? An overview of AMS-02 results	L. Casarini	Cosmic discordance in decaying vacuum models?	M. Aguena	Effects of Completeness and Purity on Cluster Dark Energy Constraints

12:30	14:00	LUNCH							
14:00	14:25	M. Cunha e Mello	Building black hole spacetimes from cosmological type conformal transformations of spherical geometries.	E. Dal Pino	Particle Acceleration and Gamma Ray Emission around Black Hole Sources	Jorge Meléndez	<i>IFT-Colloquium:</i> The search for Solar Twins and Earth 2.0	Jeff Newman	The future of ground-based astronomy in the US
14:30	14:55	A. da Silva	On the formation of Universal Horizons	J. Braga	Perspectives for the MIRAX mission			R. Sturani	The effect of matter structure on the gravitational waveform
15:00	15:25	M. Quartin	The Cosmic Supernova Recycling Program	D. Teixeira	GRMHD simulations of Sub Eddington Accretion Flows using full radiation transport				
15:30	16:30	COFFEE BREAK & POSTER							
16:30	19:00	DISCUSSION							

More information: <http://www.ictp-saifr.org/space2016>