Sixteenth Marcel Grossmann Meeting

Monday, 5 July 2021

Ghost-Free Models of Modified Gravity: Massive Gravity, Horndeski and DHOST Theories, Other Related Models; Their Properties and Solutions.: Block 1 **(16:30 - 19:30)**

-Conveners: Mikhail Volkov; Dmitry Galtsov

time	[id] title	presenter
16:30	[936] DHOST theories	NOUI, Karim
17:15	[769] Anisotropic cosmological models in Horndeski gravity	Prof. VOLKOV, Mikhail
17:45	[887] Analytic infinite derivative gravity as the quantum gravity probe	KOSHELEV, alexey
18:15	[381] Non-local R^2-like inflation, Gravitational Waves and Non-Gaussianities	SRAVAN KUMAR, KORUMILLI
18:40	[387] Exact gravitational waves in non-local gravity	MÁLEK, Tomáš
19:05	[621] Ultrarelativistic spinning objects in nonlocal ghost-free gravity	BOOS, Jens

Thursday, 8 July 2021

Ghost-Free Models of Modified Gravity: Massive Gravity, Horndeski and DHOST Theories, Other Related Models; Their Properties and Solutions.: Block 2 (16:30 - 19:30)

-Conveners: Mikhail Volkov; Dmitry Galtsov

time	[id] title	presenter
16:30	[930] Palatini kinetic scalar-tensor theory: analytical and numerical solutions	GALTSOV, Dmitry
17:00	[839] Ghosts in metric-affine gravity	DELHOM I LATORRE, Adrià
17:25	[390] Testing gravity with cosmic microwave background in DHOST theory	Dr HIRAMATSU, Takashi
17:50	[657] Non-local self-healing of Higgs inflation	TOKAREVA, Anna
18:15	[161] Is there a Gauss-Bonnet gravity in four dimensions?	Dr KUBIZNAK, David
18:40	[133] Shift-Symmetric Theories for Consistent Black-Hole Hair	SERRA, Francesco
19:05	[339] Asymptotically flat hairy black holes in Massive Bigravity	GERVALLE, Romain