Sixteenth Marcel Grossmann Meeting

Tuesday, 6 July 2021

Hořava–Lifshitz Gravity: Block 1 (09:30 - 12:30)

-Conveners: Anzhong Wang

time	[id] title	presenter
09:30	[667] Wormholes in 2d Horava-Lifshitz quantum gravity	SATO, Yuki
09:55	[180] Dynamical system analysis of Bianchi-I spacetimes in \$f(R)\$ gravity	BAMBA, Kazuharu
10:20	[694] Nature of Singularities in Vector-Tensor Theories of Gravity	Dr SATHEESHKUMAR, V H
10:45	[142] Bifurcations and Chaos in Ho\v{r}ava-Lifshitz Cosmology	LAPPICY, Phillipo
11:10	Break	
11:15	[912] Horava–Lifshitz gravity in (3+1) dimensions coupled with anisotropic matter and possible constraints from GRB 170817A	SHU, Fu-Wen
11:40	[749] Horava-Lifshitz and Einstein-Aether Gravity in the light of Event Horizon Telescope Observations of M87	Prof. SARIDAKIS, Emmanuel
12:05	[681] Testing Horava-Lifshitz Gravity With I-Love-Q	Mr AJITH, Siddarth

Wednesday, 7 July 2021

Hořava–Lifshitz Gravity: Block 2 (09:30 - 12:30)

-Conveners: Anzhong Wang

time	[id] title	presenter
09:30	[292] Shadows of Kerr-like black holes in \$4D\$ EinsteinGaussBonnet gravity and constraints from EHT observations	GHOSH, Sushant
09:55	[676] The BFV quantization of the nonprojectable 2+1 Horava theory and the measure of the second-class constraints	BELLORIN, Jorge
10:15	[213] Cosmological Implications of Einstein-Aether Gravity	JAWAD, Abdul
10:35	[155] Boundary conditions for the Klein-Gordon field on Lifshitz Spacetimes	DE SOUZA CAMPOS, Lissa
10:55	Break	
11:00	[258] Quark stars with isotropic matter in Hořava gravity and Einstein-æther theory	PANOTOPOULOS, Grigorios
11:25	[970] Testing Einstein-aether theory by observations of gravitational wave	Dr LIN, Kai
11:50	[250] Finite Action Principle and black holes in Horava-Lifszyc gravity	KWAPISZ, Jan
12:10	[447] Finite Action Principle and the beginning of the universe in Horava-Lifshitz gravity	CHOJNACKI, Jan