

Sixteenth Marcel Grossmann Meeting

Tuesday, 6 July 2021

Theoretical and Observational Studies of Astrophysical Black Holes: Block 1 (06:30 - 09:30)

-Conveners: Alexander Zakharov

time	[id] title	presenter
06:30	[858] Physical black holes in semiclassical gravity	MURK, Sebastian
06:55	[168] Shadows of hairy Kerr black holes and constraints from M87*	GHOSH, Sushant
07:20	[436] Gravitational multipole moments for asymptotically de Sitter spacetimes	CHAKRABORTY, Sumanta
07:45	[502] Displacement memory and BMS symmetries	Mr KUMAR, Shailesh
08:10	[735] TWO-TEMPERATURE ACCRETION FLOWS AROUND COMPACT OBJECTS	SARKAR, Shilpa
08:35	[160] Reconstruction of a star motion in the vicinity of black hole from the redshift of the electromagnetic spectrum	KOMAROV, Stanislav
09:00	[1003] Observation of a multimode quasi-normal spectrum from a perturbed black hole	WESTERWECK, Julian

Wednesday, 7 July 2021

Theoretical and Observational Studies of Astrophysical Black Holes: Block 2 (09:30 - 12:30)

-Conveners: Alexander Zakharov

time	[id] title	presenter
09:30	[218] Emergence of Intrinsic Gravitational Modes Associated with Emissions of (GR) Gravitational Waves	Prof. COPPI, bruno
10:10	[229] GRAVITY: Optical/IR Interferometry and General Relativity in the Galactic Centre	STRAUB, Odele
10:50	[741] Near-horizon particle collisions in spherically symmetric spacetimes	HACKMANN, Eva
11:10	[206] Super-Penrose process: classification of possible scenarios	Prof. ZASLAVSKII, Oleg
11:30	[232] Chaos in the Gravitational Three-Body Problem	LEIGH, Nathan
11:50	[212] Three Extraordinary Theorems On Black Hole Rotation	Prof. HA, Yuan K.
12:10	[125] On the Gravitational Redshift Detection in the Nucleus of NGC 4258	HERRERA AGUILAR, Alfredo