

10th International Conference on New Frontiers in Physics (ICNFP 2021)

Wednesday, August 25, 2021

D Cosmology, Astrophysics, Gravity, Mathematical Physics - Room 1 (8:30 AM - 9:30 AM)

-Conveners: Egor Podlesnyi

time	[id] title	presenter
8:30 AM	[209] Cosmology and multi-messenger astrophysics with Gamma-Ray Bursts	Dr AMATI, Lorenzo
9:00 AM	[179] Results from LIGO Virgo KAGRA Collaboration for last observing run	Dr LAZZARO, Claudia

D Cosmology, Astrophysics, Gravity, Mathematical Physics - Room 4 (11:00 AM - 1:30 PM)

-Conveners: Claudia Lazzaro

time	[id] title	presenter
11:00 AM	[189] Silicon Drift Detectors for high precision exotic atoms X-ray spectroscopy	Dr SGARAMELLA, Francesco
11:30 AM	[71] Probing very weakly coupled Dark Matter with gravitational waves	RAMAZANOV, Sabir
12:00 PM	[97] Axion Dark Matter Search Results of CAST-CAPP	OZBOZDUMAN, Kaan
12:30 PM	[114] Antimatter Cosmic Rays and Dark Matter	CHOLIS, Ilias
1:00 PM	[224] Effect of anisotropic photon polarisation tensor on longitudinal electrical conductivity in neutron star crust	DAS, Aritra

D Cosmology, Astrophysics, Gravity, Mathematical Physics - Room 4 (5:00 PM - 7:00 PM)

-Conveners: Sabir Ramazanov

time	[id] title	presenter
5:30 PM	[161] Merger rates of black hole binaries in globular clusters	KRITOS, Konstantinos
6:00 PM	[141] Directional Dark Matter Search with NEWSdm	DI CRESCENZO, Antonia

D Cosmology, Astrophysics, Gravity, Mathematical Physics - Room 1 (5:00 PM - 7:00 PM)

-Conveners: Mark Dayvon Goodsell

time	[id] title	presenter
5:00 PM	[47] Latest results from the DAMPE space mission	PARENTI, Andrea
5:30 PM	[36] Overview of the HERD space mission	KYRATZIS, Dimitrios
6:00 PM	[295] Magnetic Fields in early Universe	Prof. VILCHINSKII, Stanislav
6:30 PM	[149] Double Monodromy Inflation: A Gravity Waves Factory for CMB-S4, LiteBIRD and LISA	D'AMICO, Guido

Thursday, August 26, 2021

D Cosmology, Astrophysics, Gravity, Mathematical Physics - Room 1 (8:30 AM - 10:30 AM)

time	[id] title	presenter
8:30 AM	[242] Status, Upgrades and Prospects for the advanced LIGO gravitational wave detectors	MCCULLER, Lee
9:00 AM	[228] Cosmology and cosmic rays propagation in the relativity with a preferred frame	BURDE, Georgy
9:30 AM	[289] Testing General Relativity with Gravitational Wave Observations	PRATTEN, Geraint
10:00 AM	[310] Gravitational Wave signature of models with low energy supersymmetry breaking	GORBUNOV, Dmitry

D Cosmology, Astrophysics, Gravity, Mathematical Physics - Room 4 (5:00 PM - 7:00 PM)

time	[id] title	presenter
5:00 PM	[292] Stable vortices in Bose-Einstein condensate dark matter	Dr YAKIMENKO, Alexander
5:30 PM	[279] Constraints on dark matter from high-redshift observations	RUDAKOVSKIYI, Anton
6:00 PM	[280] Search for Galactic transient sources of ultra high energy cosmic rays	VOITSEKHOVSKIYI, Vadym
6:30 PM	[132] Gamma-ray emission of flat-spectrum radio quasars in low states: the case of PKS 1510–089	Mr PODLESNYI, Egor