

XIV CPAN DAYS

Wednesday 23 November 2022

RENATA (Red Nacional Temática de Astropartículas) (15:00-17:00)

-Conveners: Sergio Navas

time	[id] title	presenter
15:00	[710] Theoretical modeling for the Galaxy Clustering and Weak Lensing analysis with the Dark Energy Survey	SÁNCHEZ CID, David
15:20	[711] Optimisation of the galaxy sample for the Dark Energy Survey Y6 BAO distance measurement	MENA FERNÁNDEZ, Juan
15:40	[712] First constraints on binary black hole environments with LIGO-Virgo observations	CANEVA SANTORO, Giada
16:00	[713] Searching for ultralight vector bosons with LIGO and Virgo	CALDERÓN BUSTILLO, Juan
16:20	[714] Search for Supernova Relic Neutrinos at Super-Kamiokande and Hyper-Kamiokande	OSPINA ESCOBAR, Nataly
16:40	[715] Offline searches for neutrino transient sources with the ANTARES/KM3NeT neutrino telescopes	ALVES GARRE, Sergio

RENATA (Red Nacional Temática de Astropartículas) (17:30-19:30)

-Conveners: María Martínez

time	[id] title	presenter
17:30	[728] Measuring Neutrino Oscillations with A Million Atmospheric Neutrinos	FERNANDEZ, Pablo
17:50	[717] R&D for ultra-low background detectors in axion helioscope searches.	MARGALEJO BLASCO, Cristina
18:10	[716] Focusing on finding axions with x-ray optics for the International AXion Observatory (IAXO)	VOGEL, Julia
18:30	[718] Artificial Intelligence in Dark Matter experiment DEAP-3600	GIMÉNEZ ALCÁZAR, Antonio
18:50	[719] DAMIC-M: Status and First results	LANTERO, Agustin
19:10	[726] DarkShine: Dark sector searches with NA64 experiment at CERN	MOLINA BUENO, Laura

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RENATA (Red Nacional Temática de Astropartículas) (09:00-11:30)

-Conveners: Sergio Pastor

time	[id] title	presenter
09:00	[720] Physics opportunities at the Deep Underground Neutrino Experiment (DUNE)	MARTIN-ALBO, Justo
09:20	[721] The DUNE Far Detectors and their prototypes at CERN	UREÑA, Julio
09:40	[722] Beyond Standard Model Physics in the SBND neutrino experiment	CRESPO-ANADÓN, José I.
10:00	[723] Simulation and reconstruction of scintillation light with X-ARAPUCA photodetectors in SBND	ALVAREZ GARROTE, Rodrigo
10:20	[724] The NEXT experiment for $\beta\beta 0\nu$ searches: status and prospects	USÓN, Alberto
10:40	[725] R&D toward Barium tagging in the NEXT program	HERRERO GÓMEZ, Pablo
11:00	[727] CLOUD: The first LiquidO experiment	PALOMARES, Carmen