

7th International Conference on New Frontiers in Physics (ICNFP2018)

Thursday, July 5, 2018

Special session on Astro-Cosmo-Gravity - Room 3 (11:00 AM - 1:30 PM)

-Conveners: Hovik Grigorian

time	[id] title	presenter
11:00 AM	[M33] The AEGIS experiment: current status and outlook	GLIGOROVA, Angela
11:30 AM	[M27] MAGIC: from Astrophysics to Fundamental Physics. Presentation of the latest results	MAGGIO, Camilla
12:00 PM	[M16] δ Gravity, δ matter and the accelerated expansion of the Universe	Prof. ALFARO, Jorge
12:30 PM	[M6] Magnetic field in intergalactic space	Dr POHL, Martin
1:00 PM	[M28] Identification of Dark Matter with the CRESST-III Experiment	Dr DEFAY, Xavier

Special session on Astro-Cosmo-Gravity - Room 3 (3:00 PM - 4:00 PM)

-Conveners: Martin Pohl

time	[id] title	presenter
3:00 PM	[M23] Two-loop calculations for a compressible turbulence: Renormalization group analysis of stochastic Navier-Stokes equation	Dr GULITSKIY, Nikolay
3:20 PM	[M36] Causal evolution of probability measures	MILLER, Tomasz
3:40 PM	[M55] Mass gap, deconfinement and Λ_{QCD} in non-perturbative quantization à la Heisenberg	Prof. DZHUNUSHALIEV, Vladimir

Friday, July 6, 2018

Special session on Astro-Cosmo-Gravity - Room 3 (11:00 AM - 1:30 PM)

-Conveners: Jorge Alfaro

time	[id] title	presenter
11:00	[A17] Neutrino and beyond standard model physics with IceCube	POLLMANN, Anna
11:30	[A10] LUX results and LZ sensitivity to dark matter WIMPs	Prof. KUDRYAVTSEV, Vitaly
12:30	[P1] ANTARES and KM3NeT: latest results of the neutrino telescopes in the Mediterranean	SANGUINETI, Matteo

Saturday, July 7, 2018

Special session on Astro-Cosmo-Gravity - Room 4 (11:00 AM - 1:30 PM)

-Conveners: Anna Pollmann

time	[id] title	presenter
11:00	A108 Music in Room 1	
11:30	A109 Results from the CUORE experiment	CAMINATA, Alessio
12:00	P113 Cosmological models arising from relativity with a privileged frame	BURDE, Georgy
12:30	P117 Highlights from GERDA project	Dr CATTADORI, Carla Maria
1:00	P184 The investigation on the dark sector at the PADME experiment	Dr FERRAROTTO, Fabio

Special session on Astro-Cosmo-Gravity - Room 4 (3:00 PM - 4:00 PM)

-Conveners: Camilla Maggio

time	[id] title	presenter
3:00	P179 $n + {}^7\text{Be}$ cross-sections of astrophysical interest at the CERN n_TOF facility	Dr MASTROMARCO, Mario
3:30	P169 Recent developments and results on double beta decays with crystal scintillators and HPGe spectrometry	DI MARCO, Alessandro

Special session on Astro-Cosmo-Gravity - Room 4 (4:30 PM - 7:30 PM)

-Conveners: David Blaschke

time	[id] title	presenter
4:30	P106 First Result on the Neutrinoless Double Beta Decay of ${}^{82}\text{Se}$ with CUPID-0	BELLINI, Fabio
5:00	P129 Neutrino emission from magnetized neutron star mergers: equation-of-state effects	Prof. CABALLERO, Liliana
5:30	P191 Bayesian analysis for extracting properties of the nuclear equation of state from observational data	AYRIYAN, Alexander
6:00	P109 Solar Neutrinos Spectroscopy with Borexino Phase-II	MIRAMONTI, Lino
6:30	P112 The role of the equation of state in compact star physics and phenomenology	GRIGORIAN, Hovik