

CYGNUS 2019

Wednesday, 10 July 2019

Detector R&D - Aula Conversi (16:20 - 18:40)

time	[id] title	presenter
16:20	[32] Anisotropic response of ZnWO ₄ crystal for neutrons	SEKIYA, Hiroyuki
16:50	[33] ZnWO ₄ anisotropic scintillators for directionality technique	DI MARCO, Alessandro
17:20	[34] ReD: a SiPM based LAr TPC for directionality studies	PANDOLA, Luciano
17:50	[35] Columnar Recombination Study in High Pressure Xenon Gas for Direction-sensitive Dark Matter Search	NAKAMURA, Kiseki

Thursday, 11 July 2019

Detector R&D - Aula Conversi (15:00 - 19:00)

time	[id] title	presenter
15:00	[43] Analysis machine and method for NEWSdm experiment	KOBAYASHI, Ryuta
15:30	[44] i2DBSCAN: an iterative density-based clustering algorithm for CYGNO experiment	ABRITTA COSTA, Igor
16:00	[45] CYGNUS negative ion gas study -	MIUCHI, Kentaro
16:30	[48] Study of the Operation Stability of a prototype for CYGNO experiment	RENGA, Francesco
17:00	Coffee break	
17:30	[46] The CYGNO/INITIUM TDR Status Report	MAZZITELLI, Giovanni
18:00	[47] Towards a gas filtration setup for future ultra-sensitive SF6 gas based rare-event physics experiments	GREGORIO, R.
18:30	[49] Tests of eco-friendly gas mixtures in GEM based detectors with optical readout	PICCOLO, Davide BENUSSI, Luigi

Friday, 12 July 2019

Detector R&D - Aula Conversi (09:30 - 12:00)

time	[id] title	presenter
09:30	[50] A GEM-MWPC Hybrid Readout for Negative Ion Drift	SPOONER, Neil
10:00	[51] Characterisation of the novel MM-THGem architecture in SF6	ELDRIDGE, Callum
10:30	[52] Directional Dark Matter Detection with High Definition 3D Charge Readout	THORPE, Thomas
11:00	Coffee break	
11:30	[53] Emulsion production and background rejection in the NEWSdm experiment	ASADA, Takashi