

CYGNUS 2019

Thursday, 11 July 2019

DM theory and new ideas - Aula Conversi (08:55 - 13:00)

time	[id] title	presenter
09:00	[36] Motivation and physics reach of the Cygnus experiment	O'HARE, C.
09:30	[37] How high is the neutrino floor?	REID, Elliott
10:00	[38] Particle Dark Matter constraints: the effect of Galactic uncertainties	BENITO, María
10:30	[57] Supernova signals of light dark matter in directional detectors	DEROCCO, William
11:00	Coffee break	
11:30	[39] An EFT approach to light dark matter detection with 4He	ESPOSITO, Angelo
12:00	[41] Carbon Nanotubes as anisotropic target for dark matter	PANDOLFI, Francesco
12:30	[40] Polarization effects of transversal and longitudinal optical phonons in bundles of multi-wall carbon nanotubes	RIPANTI, F.

DM theory and new ideas - Aula Conversi (14:30 - 15:00)

time	[id] title	presenter
14:30	[42] Toward Directional Detection of Dark Matter Using Spectroscopy of Quantum Defects in Diamond	MARSHALL, Mason