

TeV Particle Astrophysics 2016

Monday, September 12, 2016

Dark matter (direct detection): I - 6/2-024 - BE Auditorium Meyrin (4:30 PM - 6:30 PM)

-Conveners: Marc Schumann; Julien Billard; Nassim Bozorgnia

time	[id] title	presenter
4:30 PM	[6] Recent Results from the PandaX-II Dark Matter Experiments	Prof. LIU, Jianglai
4:50 PM	[115] The XENON dark matter program - results, status and prospects	Prof. CONRAD, Jan
5:10 PM	[199] Recent Results from the Large Underground Xenon Experiment	Prof. MURPHY, Alex
5:30 PM	[169] First light from DEAP-3600, a single phase liquid argon detector for dark matter search	RETIERE, Fabrice
5:50 PM	[191] The DarkSide of Direct Dark Matter Searches	PANTIC, Emilija

Tuesday, September 13, 2016

Dark matter (direct detection): II - 60/6-015 - Room Georges Charpak (Room F) (2:00 PM - 4:00 PM)

-Conveners: Nassim Bozorgnia; Julien Billard

time	[id] title	presenter
2:00 PM	[72] Low-mass Dark Matter search with EDELWEISS: latest results and outlook	KOZLOV, Valentin
2:20 PM	[86] Search for light dark matter with the CRESST experiment	STRANDHAGEN, Christian
2:40 PM	[79] Studying generalised dark matter interactions with extended halo-independent methods	KAHLHOEFER, Felix
3:00 PM	[4] Direct dark matter detection and the neutrino floor	O'HARE, Ciaran O'HARE, Ciaran
3:20 PM	[116] Dark Matter Detectors and Neutrinos	FAIRBAIRN, Malcolm
3:40 PM	[165] Constraining dark matter neutrino interactions at the direct detection experiments	KULKARNI, Suchita

Friday, September 16, 2016

Dark matter (direct detection): III - 13/2-005 (2:00 PM - 4:00 PM)

-Conveners: Julien Billard; Nassim Bozorgnia

time	[id] title	presenter
2:00 PM	[65] Determining the Local Dark Matter Density	SILVERWOOD, Hamish
2:30 PM	[59] Status of NEWS: Nuclear Emulsions for WIMP Search	ROSA, Giovanni
2:50 PM	[41] Leading the search for light WIMPs: CDMSlite and SuperCDMS SNOLAB	ROBINSON, Alan
3:10 PM	[104] Status of LZ dark matter search experiment	DASU, Sridhara
3:30 PM	[18] DARWIN: Towards the Ultimate Dark Matter Detector	Dr KISH, Alexander