

U.S. Cosmic Visions: New Ideas in Dark Matter

Thursday, 23 March 2017

WG3: Introduction + Current constraints - Banneker A Room (16:00 - 18:30)

-Conveners: Eder Izaguirre; Bertrand Echenard

time	[id] title	presenter
16:00	[118] Introduction	ECHENARD, Bertrand IZAGUIRRE, Eder
16:10	[119] Dark sector at Muon beam dump	ZHONG, Yiming
16:30	[120] Finding ~ 1.5 GeV Dark Matter with a ~ 5 GeV/c K- beam, as a missing-mass peak in $K^- p \rightarrow \text{anti-Lambda} + \text{DM}$	Prof. FARRAR, Glennys
16:50	[121] Current and future results from MiniBooNE-DM	Dr COOPER, Robert
17:20	[122] Recent results from NA64	Ms BANERJEE, Dipanwita
17:45	[123] Dark sector searches at B-factories and outlook for Belle II	Prof. HEARTY, Christopher
18:10	[124] Discussion	

Friday, 24 March 2017

WG3: New Proposals and facilities I - Banneker A Room (10:00 - 12:30)

-Conveners: Eder Izaguirre; Bertrand Echenard

time	[id] title	presenter
10:00	[125] The PADME experiment	Dr RAGGI, Mauro
10:15	[126] The MAGIX experiment at MESA	CAIAZZA, Stefano
10:30	[127] The SHIP experiment	Dr DI CRESCENZO, Antonia
10:45	[128] The SeaQuest experiment	Dr LIU, Ming
11:05	[129] Signatures of Dark Sectors at SeaQuest	BERLIN, Asher
11:25	[130] Sub-GeV DM search with COHERENT	Prof. TAYLOE, Rex
11:45	[131] DRIFT-BDX: A low-energy, low-background, directional search for LDMA	Dr SNOWDEN-IFFT, Daniel
12:05	[132] Discussion	

WG3: New proposals and facilities II - Atrium (13:30 - 15:40)

-Conveners: Eder Izaguirre; Bertrand Echenard

time	[id] title	presenter
13:30	[133] The LDMX experiment	NELSON, Tim
14:05	[134] The DASEL proposal	Prof. RAUBENHEIMER, Tor
14:35	[135] Future possibilities at Proton fixed target experiments	Dr VAN DE WATER, Richard
15:05	[136] Very asymmetric collider for DM searches below 1 GeV	MOROZOV, Vasily
15:25	[137] Discussion	

WG3: New proposals and facilities III - Atrium (16:00 - 18:30)

-Conveners: Eder Izaguirre; Bertrand Echenard

time	[id] title	presenter
16:00	[138] The BDX experiment	Dr CELENTANO, Andrea
16:35	[139] Future possibilities at JLab	Dr FREYBERGER, Arne
16:55	[149] The DarkLight project	Dr KOHL, Michael
17:10	[140] The MMAPS experiment	ALEXANDER, Jim
17:45	[141] Discussion	ECHENARD, Bertrand IZAGUIRRE, Eder