

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

Thursday, 23 March 2017

WG4: New Candidates, Targets, and Complementarity - Banneker B Room (16:00 - 18:30)

-Conveners: Patrick Fox; Jonathan Feng

time	[id] title	presenter
16:00	[100] Argon dark matter searches: DarkSide-20k and beyond	Prof. BOULAY, Mark
16:25	[101] Proton radius	Prof. HILL, Richard
16:50	[102] 8Be and axial vector bosons	Dr KOZACZUK, Jonathan
17:15	[103] 8Be nuclear theory predictions	ZHANG, Xilin
17:40	[104] Future 8Be experiments	Mr LANG, Rafael
17:55	[150] Future 8Be experiments	LEACH, Kyle
18:05	[151] Isotope shift spectroscopy	Dr FRUGIUELE, Claudia
18:15	[105] Discussion	

Friday, 24 March 2017

WG4: Sub-GeV Models, Thermal relics, and Complementarity - Banneker B Room (10:00 - 12:30)

-Conveners: Jonathan Feng; Patrick Fox

time	[id] title	presenter
10:00	[112] SIMPlE DM and Non-Abelian Hidden Sectors	Dr BODDY, Kimberly
10:25	[113] SIMPs and ELDERS	Prof. PERELSTEIN, Maxim
10:50	[114] Dynamical DM	Prof. DIENES, Keith
11:15	[116] Inelastic thermal relics	Dr KRNJAIC, Gordan
11:40	[16] Axions and WIMPs in Natural SUSY	Prof. BAER, Howard Baer
12:05	[153] WG4 discussion	

WG4: Astrophysics Complementarity and Targets - Banneker B (13:30 - 15:40)

-Conveners: Jonathan Feng; Patrick Fox

time	[id] title	presenter
13:30	[8] Small scale structure	Prof. ANNIKA, Peter
13:50	[10] Self-interacting DM	Dr YU, HAI-BO Prof. KAPLINGHAT, Manoj
14:10	[7] CMB	Dr SLATYER, Tracy
14:30	[9] Supernovae constraints on dark mediators	Mr MCDERMOTT, Sam
14:50	[106] Search for 10-100 solar mass MACHOs	Mr DAWSON, Will
15:10	[107] Discussion	

WG4: Complementarity with LHC and Future Experiments - Banneker B Room (16:00 - 18:30)

-Conveners: Jonathan Feng; Patrick Fox

time	[id] title	presenter
16:00	[108] ATLAS/CMS and Light DM	Mr TROVATO, Marco
16:20	[111] LHCb and Light DM	ILTEN, Philip
16:40	[19] CTA	HUMENSKY, Brian
17:00	[17] N-mirrorN oscillation	Dr RYBOLT, Ben BROUSSARD, Leah
17:20	[109] Laser-trapped atom search for sterile neutrino dark matter	Prof. MARTOFF, Jeff
17:40	[110] Discussion and Preparation for WG4 Closing Plenary Talk	Prof. FENG, Jonathan Dr FOX, Patrick