

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

Thursday, 23 March 2017

WG2: Ultra-low mass (sub-eV) dark matter detection - Atrium (13:10 - 15:40)

-Conveners: Peter Graham; Aaron Chou

time	[id] title	presenter
13:10	[42] Searching for dark matter axions with ADMX-G2 and beyond	RYBKA, Gray
13:45	[43] HAYSTAC	Prof. VAN BIBBER, Karl
14:20	[142] Ultra-High Field Solenoids and Axion Detection	BIRD, Mark

WG2: Ultra-low mass (sub-eV) dark matter detection - Atrium (16:00 - 18:00)

-Conveners: Peter Graham; Aaron Chou

time	[id] title	presenter
16:00	[44] Higher fields for axion cavity searches and lower frequency axion searches with an LC circuit	TANNER, David
16:35	[46] DM radio	Prof. IRWIN, Kent
17:10	[45] ABRACADABRA: A Broadband Search Axion Dark Matter	Dr OUELLET, Jonathan
17:45	[47] Discussion	

Friday, 24 March 2017

WG2: Ultra-low mass (sub-eV) dark matter detection - Atrium (10:00 - 12:30)

-Conveners: Peter Graham; Aaron Chou

time	[id] title	presenter
10:00	[143] Cosmic Axion Spin Precession Experiment (CASPER)	SUSHKOV, Alex
10:35	[144] Accelerometer Probes for Dark Matter	Dr TERRANO, William

WG2: Ultra-low mass (sub-eV) dark matter detection - Banneker A (13:30 - 15:40)

-Conveners: Aaron Chou; Peter Graham

time	[id] title	presenter
13:30	[48] Atom interferometry for dark matter and gravitational waves	HOGAN, Jason
14:05	[49] Atom interferometry	MUELLER, Holger

WG2: Ultra-low mass (sub-eV) dark matter detection - Banneker A (16:00 - 18:00)

-Conveners: Peter Graham; Aaron Chou

time	[id] title	presenter
16:00	[52] Searching for solar axions with IAXO: near-term prospects	Dr PIVOVAROFF, Michael
16:35	[53] Axion Resonant InterAction Detection Experiment (ARIADNE)	Prof. GERACI, Andrew
17:10	[54] Discussion	CHOU, Aaron GRAHAM, Peter