

Aspen 2018 - The Particle Frontier

Monday, 26 March 2018

Morning Session - Flug Forum (08:00 - 10:55)

time	[id] title	presenter
08:00	[9] CMS results on searches for Supersymmetry	LANDSBERG, Greg
08:25	[10] ATLAS results on searches for Supersymmetry	PARAMONOV, Alexander
08:50	[11] The Muon g-2 Theory Initiative	EL-KHADRA, Aida
09:15	Coffee Break	
09:45	[12] Ground-based Gravitational Wave detectors - Results and Plans (LIGO and Virgo)	SHOEMAKER, David
10:10	[14] Searching for Ultralight Particles with Black Holes and Gravitational Waves	BARYAKHTAR, Masha
10:35	[13] Bright Axion Stars	BAI, Yang

Tuesday, 27 March 2018

Morning Session - Flug Forum (08:00 - 11:00)

time	[id] title	presenter
08:00	[21] Halometry from Astrometry	WEINER, Neal
08:25	[22] Dark Matter Annihilation, Decay and Scattering in the Cosmic Dawn	SLATYER, Tracy
08:50	[23] Direct Detection of Light Dark Matter with Polar Materials	LIN, Tongyan
09:15	Coffee Break	
09:45	[24] CRESST talk: Title TBD	D'ADDABBO, Antonio
10:10	[25] The PICO Dark Matter Search Experiment	LEVINE, Ilan
10:35	[26] XENON1T talk: Upcoming Results from XENON1T	Dr DE PERIO, Patrick

Wednesday, 28 March 2018

Morning Session - Flug Forum (08:00 - 10:30)

time	[id] title	presenter
08:00	[33] Neutron stars as laboratories for particle physics	REDDY, Sanjay
08:25	[34] A viable QCD axion in the MeV mass range	S. M. ALVES, Daniele
08:50	[35] New Developments in Small-Scale Axion Cosmology	EBY, Joshua
09:15	Coffee Break	
09:45	[37] ATLAS results on searches for exotic new particles	ALDERWEIRELDT, Sara
10:10	[38] CMS results on searches for exotic new particles	FLORENT, Alice Helene

Thursday, 29 March 2018

Morning Session - Flug Forum (08:00 - 11:00)

time	[id] title	presenter
08:00	[41] Looking for the WIMP next door	Dr SHELTON, Julia
08:25	[42] The Early Universe's Imprint on Dark Matter	ERICKCEK, Adrienne
08:50	[43] Searching for Dark Matter Interactions in the CMB	BODDY, Kimberly
09:15	Coffee Break	
09:45	[45] B physics anomalies at LHCb	WILSON, Fergus
10:10	[44] Implications of the B physics anomalies	ALTMANNSHOFER, Wolfgang
10:35	[46] Belle II @ SuperKEKB: a new experiment at intensity frontier	SAVINOV, Vladimir SAVINOV, Vladimir

Friday, 30 March 2018

Morning Session - Flug Forum (08:00 - 11:00)

time	[id] title	presenter
08:00	[56] Combining perturbative calculations with parton showers	BAUER, Christian
08:25	[57] LHC results on Standard Model measurements and limits on EFTs	Prof. ZHU, Junjie
08:50	[58] ATLAS and CMS results on bottom and charm quarks	STENSON, Kevin
09:15	Coffee Break	
09:45	[53] Quantum Black holes: new physics and observational probes	GIDDINGS, Steven
10:10	[54] Unification from Scattering Amplitudes	CHEUNG, Clifford
10:35	[55] Higgscitement: cosmological dynamics of fine-tuning	FAN, JiJi

Saturday, 31 March 2018

Morning Session - Flug Forum (07:55 - 11:00)

time	[id] title	presenter
08:00	[73] Indirect Detection Constraints on DM EFT Model Space (and Maybe Something about Simplified Models)	GOODMAN, Jessica
08:25	[72] Light dark matter signatures in the NOvA near detector	FRUGIUELE, claudia
08:50	[65] Summary of the latest neutrino oscillation results from the NOvA experiment	BAIRD, Michael
09:15	Coffee Break	
09:45	[67] Theory Summary	WANG, Liantao
10:20	[68] Experimental Summary	ARCE, Ayana Tamu