46th SLAC Summer Institute

Monday, July 30, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[4] Welcome	RIZZO, Thomas
9:05 AM	[5] Origin of the Standard Model	WEINBERG, Steven
10:05 AM	Morning Break	
10:30 AM	[6] Precision Electroweak Theory	FREITAS, Ayres
11:30 AM	Break	
11:45 AM	[7] SM Probes in Atoms, Molecules and Nuclei (I)	CIRIGLIANO, Vincenzo

Lectures: Speicial History Session - Kavli Auditorium (2:00 PM - 5:20 PM)

time	[id] title	presenter
2:00 PM	[8] Evolution of Electroweak Theory	MARCIANO, William
3:00 PM	[9] Evolution of Accelrators & Technology	EVANS, Lyn
4:00 PM	Afternoon Break	
4:20 PM	[10] Critical Experiments Establishing the SM: Early SLAC	BREIDENBACH, Martin

Tuesday, July 31, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[11] SM Probes in Atoms, Molecules and Nuclei (II)	CIRIGLIANO, Vincenzo
10:00 AM	Morning Break	
10:30 AM	[12] Precision Electroweak Measurements at Colliders	ERBACHER, Robin
11:30 AM	Break	
11:45 AM	[13] Low Energy Probes of the SM (I)	KUMAR, Krishna

Wednesday, August 1, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[15] The Development of QCD	STERMAN, George
10:00 AM	Morning Break	
10:30 AM	[16] Precision QCD and the SM (I)	CAOLA, Fabrizio
11:30 AM	Break	
11:45 AM	[17] Low Energy Probes of the SM (II)	KIBURG, Brendan

Lectures: Special History Session - Kavli Auditorium (2:00 PM - 5:35 PM)

time	[id] title	presenter
2:00 PM	[18] Critical Experiments Establishing the SM: Hadron Colliders	JENNI, Peter
3:00 PM	[19] Critical Experiments Establishing the SM: Flavor Physics	HITLIN, David
4:00 PM	Afternoon Break	
4:20 PM	[20] Critical Experiments Establishing the SM: Neutrinos	KEARNS, Edward

Thursday, August 2, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[21] QCD at the LHC (I)	BUTTERWORTH, Jonathan
10:00 AM	Morning Break	
10:30 AM	[22] Precision QCD in the SM (II)	CAOLA, Fabrizio
11:30 AM	Break	
11:45 AM	[23] Astro/Cosmo Window on the SM (I)	DODELSON, scott

Friday, August 3, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[26] QCD at the LHC (II)	BUTTERWORTH, Jonathan
10:00 AM	Morning Break	
10:30 AM	[27] QCD on the Lattice	KRONFELD, Andreas
11:30 AM	Break	
11:45 AM	[28] Astro/Cosmo Window on the SM (II)	OLIVE, Keith Alison

Monday, August 6, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[29] Higgs History	HABER, Howard
10:00 AM	Morning Break	
10:30 AM	[30] The Higgs in the SM	DAWSON, Sara Lynn
11:30 AM	Break	
11:45 AM	[31] Properties of the Higgs at the LHC	CONWAY, John

Tuesday, August 7, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[32] Physics of Neutrinos (I)	DE GOUVEA, Andre
10:00 AM	Morning Break	
10:30 AM	[33] Physics of Neutrinos (II)	DE GOUVEA, Andre
11:30 AM	Break	
11:45 AM	[34] Neutrinos: What Will We Learn in the next Decade ?	SOLDNER-REMBOLD, Stefan

Wednesday, August 8, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[37] The Mysteries of Flavor (I)	ZUPAN, Jure
10:00 AM	Morning Break	
10:30 AM	[38] The Mysteries of Flavor (II)	WILSON, Fergus
11:30 AM	Break	
11:45 AM	[39] Why More Baryons than Anti-baryons ?	NELSON, Ann

Thursday, August 9, 2018

Lectures - Kavli Auditorium (9:00 AM - 12:45 PM)

time	[id] title	presenter
9:00 AM	[41] What/Where is Dark Matter (I) ?	SLATYER, Tracy
10:00 AM	Morning Break	
10:30 AM	[42] What/Where is Dark Matter (II) ?	SHUTT, Tom
11:30 AM	Break	
11:45 AM	[43] The Hierarchy & Fine-Tuning Problems	NELSON, Ann

Friday, August 10, 2018

Lectures - Kavli Auditorium (9:00 AM - 1:00 PM)

time	[id] title	presenter
9:00 AM	[44] Is There a No-lose Theorem for Future Colliders ?	WANG, LianTao
10:00 AM	Morning Break	
10:30 AM	[45] What Future Higgs Measurements Will Tell Us ?	PESKIN, Michael
11:30 AM	Break	
11:45 AM	[46] Project and Contest Awards	RIZZO, Thomas
12:00 PM	[47] View Ahead	KIM, Young-Kee