

45th SLAC Summer Institute

Monday, August 14, 2017

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

time	[id] title	presenter
9:00 AM	[70] Welcome	RIZZO, Thomas
9:05 AM	[1] Cosmic Frontier Landscape	RITZ, Steven
10:05 AM	Morning break	
10:30 AM	[2] Cosmology Basics (I)	FRIEMAN, Josh
11:30 AM	break	
11:45 AM	[3] Cosmology Basics (II)	FRIEMAN, Josh

Tuesday, August 15, 2017

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

time	[id] title	presenter
9:00 AM	[5] Cosmology Basics (III)	FRIEMAN, Josh
10:00 AM	Morning break	
10:30 AM	[6] Big Bang Nuclear Synthesis	OLIVE, Keith Alison
11:30 AM	break	
11:45 AM	[7] Baryo-/Leptogenesis	GROSSMAN, Yuval

Wednesday, August 16, 2017

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

time	[id] title	presenter
9:00 AM	[8] CMB Theory & History	SENATORE, Leonardo
10:00 AM	Morning break	
10:30 AM	[9] Dark Matter - Theory	FENG, Jonathan Lee
11:30 AM	break	
11:45 AM	[10] Dark Energy - Theory	TRODDEN, Mark

Thursday, August 17, 2017

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

time	[id] title	presenter
9:00 AM	[11] CMB Experimental Techniques	STAGGS, Suzanne
10:00 AM	Morning break	
10:30 AM	[12] Dark Matter Direct Detection: Noble Liquids	MONZANI, Maria Elena
11:30 AM	break	
11:45 AM	[13] Large Scale Structure: Imaging	WECHSLER, Risa

Friday, August 18, 2017

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

time	[id] title	presenter
9:00 AM	[16] CMB & Inflation	KUO, Chaolin
10:00 AM	Morning break	
10:30 AM	[17] Dark Matter Direct Detection: Crystals	PYLE, Matt
11:30 AM	break	
11:45 AM	[18] Large Scale Structure: Spectroscopy	WECHSLER, Risa

Monday, August 21, 2017

Lectures - Kavli Auditorium (8:45 AM - 1:00 PM)

time	[id] title	presenter
8:45 AM	[19] CMB & Light Degree of Freedom	MEYERS, Joel
9:45 AM	Morning break & Observation of Solar Eclipse	
10:45 AM	[20] Axions as Dark Matter	VAN BIBBER, Karl
11:45 AM	break	
12:00 PM	[21] Dark Energy: Weak Lensing	SCHNEIDER, Michael

Tuesday, August 22, 2017

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

time	[id] title	presenter
9:00 AM	[22] CMB Cosmology	BATTAGLIA, Nick
10:00 AM	Morning break	
10:30 AM	[23] Ultra Light Dark Matter	GRAHAM, Peter
11:30 AM	break	
11:45 AM	[33] Dark Energy: Galaxy Clusters	MANTZ, Adam

Wednesday, August 23, 2017

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

time	[id] title	presenter
9:00 AM	[27] Theory of Gravitational Waves	CREIGHTON, Jolien
10:00 AM	Morning break	
10:30 AM	[28] Indirect Detection of Dark Matter	ALBERT, Andrea
11:30 AM	break	
11:45 AM	[29] Dark Energy: Supernovae	KIM, Alex

Thursday, August 24, 2017

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

time	[id] title	presenter
9:00 AM	[31] Detection of Gravitational Waves	ROBERTSON, Norna
10:00 AM	Morning break	
10:30 AM	[32] Dark Matter Searches at Accelerator Experiments	TORO, Natalia
11:30 AM	break	
11:45 AM	[24] Dark Energy: Strong Lensing	MARSHALL, Phil

Friday, August 25, 2017

Lectures - Kavli Auditorium (9:00 AM - 12:55 PM)

time	[id] title	presenter
9:00 AM	[34] Alternative Theories of Gravity	MCGAUGH, Stacy
10:00 AM	Morning break	
10:30 AM	[35] Dark Energy: Combined Probes	KRAUSE, Elisabeth
11:30 AM	break	
11:45 AM	[78] Project Award	RIZZO, Thomas
11:55 AM	[36] The Labyrinth Ahead	BLANDFORD, Roger