

SSI2018 -- The Standard Model @ 50: Successes & Challenges

Time/Date	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug
9:00--10:00	Origins of the SM <i>S. Weinberg</i>	SM Probes in Atoms/ Molecules/ Nuclei (II) <i>V. Cirigliano</i>	The Development of QCD <i>G. Sterman</i>	QCD at the LHC (I) <i>J. Butterworth</i>	QCD at the LHC (II) <i>J. Butterworth</i>	Higgs History <i>H. Haber</i>	Physics of Neutrinos (I) <i>A. de Gouvea</i>	The Mysteries of Flavor (I) <i>J. Zupan</i>	What/Where is DM? <i>T. Slatyer</i>	Is there a no-Lose Theorem for Future Colliders? <i>LT Wang</i>
10:00--10:30	<i>SSI photo</i>			<i>Morning Break</i>						
10:30--11:30	Precision EWK Theory <i>A. Freitas</i>	EWK Precision Measurements at Colliders <i>R. Erbacher</i>	Precision QCD & the SM (I) <i>F. Caola</i>	Precision QCD & the SM (II) <i>F. Caola</i>	QCD on the Lattice <i>A. Kronfeld</i>	The Higgs in the SM <i>S. Dawson</i>	Physics of Neutrinos (II) <i>A. de Gouvea</i>	The Mysteries of Flavor (II) <i>F. Wilson</i>	What/Where is DM? <i>T. Shutt</i>	What Future Higgs Measurements Will Tell Us ? <i>M. Peskin</i>
11:45--12:45	SM Probes in Atoms/ Molecules/ Nuclei (I) <i>V. Cirigliano</i>	Low Energy Probes of the SM (I) <i>K. Kumar</i>	Low Energy Probes of the SM (II) <i>B. Kiburg</i>	Astro/Cosmo Window on the SM <i>S. Dodelson</i>	Astro/Cosmo Window on the SM <i>K. Olive</i>	Properties of the Higgs at the LHC <i>J. Conway</i>	Neutrinos: What Will We Learn in the Next Decade <i>S. Soldner-Rembold</i>	Why more baryon than antibaryons? <i>A. Nelson</i>	The Hierarchy & Fine-Tuning Problems <i>A. Nelson</i>	View Ahead <i>Y. Kim</i>
12:45--13:30	<i>Lunch</i>			<i>Lunch</i>			<i>Lunch</i>			
13:30--14:00	<i>Lunch</i>			<i>Lunch</i>			<i>Lunch</i>			
14:00--14:45	Evolution of EWK Theory <i>W. Marciano</i>		Critical Expts (hadron colliders) <i>P. Jenni</i>	Klystron Gallery Tour			Klystron Gallery Tour			Project Presentations
14:45--15:45	Evolution of Accelerators & Technology <i>L. Evans</i>	Q&A	Critical Expts (flavor) <i>D. Hitlin</i>	Q&A	CMB Constraints <i>Z. Ahmed</i>	Higgs Result <i>C. Vernieri</i>	Q&A	Q&A		
15:45--16:05	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Afternoon Break</i>						
16:05--17:30	<i>Break</i>	Project Kickoff	<i>Break</i>	Projects	Projects	MiniBooNE <i>A. Diaz</i>	Projects	Belle II <i>K. Kinoshita</i>	Project Presentations	
	Critical Expts (Early SLAC) <i>M. Breidenbach</i>		Critical Expts (neutrinos) <i>E. Kearns</i>	Kavli Vislab Tour		Gravitational Waves <i>J. McIver</i>		Kavli Vislab Tour		IR2 Tour
18:00	Reception	Dinner	Poster social			Dinner		Soccer	Dinner	