

Seattle Snowmass Summer Meeting 2022

Sunday, July 17, 2022

Physics Highlights from the Frontiers: Snowmass Workshop Charge - I - 130 (9:00 AM - 12:15 PM)

-Conveners: R. Sekhar Chivukula; Tao Han

time	[id] title	presenter
9:00 AM	[M05] CSS Welcome and Meeting Logistics	WATTS, Gordon
9:15 AM	[M06] Welcome from the University of Washington	Prof. HARRIS, Dianne Prof. YAFFE, Laurence Dr OSTENDORF, Mari
9:30 AM	[M07] DPF Greeting and Snowmass Organization Overview	BUTLER, Joel
9:45 AM	[M08] Accelerator Frontier Workplan	GOURLAY, Steve
10:00 AM	[M09] Community Engagement Frontier Workplan	ASSAMAGAN, Ketevi Adikle
10:15 AM	[M10] Coffee Break	
10:45 AM	[M11] Computational Frontier Workplan	GOTTLIEB, Steven
11:00 AM	[M12] Cosmic Frontier Workplan	TAIT, Tim
11:15 AM	[M13] Energy Frontier Workplan	TRICOLI, Alessandro
11:30 AM	[M14] Theory vision: the questions before us (Working title, may change)	MURAYAMA, Hitoshi

Physics Highlights from the Frontiers: Snowmass Workshop Charge II - 130 (2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[M108] Instrumentation Frontier Workplan	ZHANG, Jinlong ZHANG, Jinlong
2:15 PM	[M109] Neutrino Frontier Workplan	WORCESTER, Elizabeth
2:30 PM	[M110] Early Career Viewpoint	GONSKI, Julia
2:45 PM	[M107] Experimental Landscape (Working title, may change)	LANKFORD, Andrew
3:15 PM	[M111] Rare Processes and Precision Measurements Frontier Workplan	BERNSTEIN, Robert
3:30 PM	[M112] Theory Frontier Workplan	SU, Shufang
3:45 PM	[M113] Underground Facilities Frontier (UF) Workplan	ORRELL, John

Monday, July 25, 2022

Physics Highlights from the Frontiers - 130 (8:00 AM - 9:45 AM)

-Conveners: Marcela Carena

time	[id] title	presenter
8:00 AM	[M88] Introduction	CARENA, Marcela
8:00 AM	[M58] Frontier Summaries and Panel Discussion: Science Highlights	
8:15 AM	[M89] Cosmic Frontier	TAIT, Tim
8:27 AM	[M90] Energy Frontier	REINA, Laura
8:40 AM	[M91] Neutrino Frontier	HUBER, Patrick
8:52 AM	[M92] Rare Processes and Precision Measurements Frontier	ARTUSO, Marina
9:05 AM	[M93] Theory Frontier	EL-KHADRA, Aida
9:17 AM	[M95] Questions and discussion	

Physics Highlights from the Frontiers: Poster Session Awards!!!! (1:45 PM - 2:00 PM)

-Conveners: Jason Detwiler

time	[id] title	presenter
1:45 PM	[M64] Poster Awards	DETWILER, Jason

Physics Highlights from the Frontiers: Intersections between Particle Physics and Associated Fields - 130 (2:00 PM - 3:30 PM)

-Conveners: Glennys Farrar; Yury Kolomensky; Priscilla Cushman

time	[id] title	presenter
2:00 PM	[M24] Intersections with Astrophysics	FARR, Will
2:20 PM	[M52] Intersections with Nuclear Physics	HERTZOG, David
2:40 PM	[M53] Intersections with BES: material science, atomic and molecular structure, new technology tools	DENES, Peter

Physics Highlights from the Frontiers: National & International Laboratory Plans - 130 (4:00 PM - 5:30 PM)

time	[id] title	presenter
4:00 PM	[M25] Introduction	BAGGER, Jonathan
4:10 PM	[M65] CERN Perspective	GIANOTTI, Fabiola GIANOTTI, Fabiola
4:25 PM	[M66] Fermilab Perspective	MERMINGA, Lia MERMINGA, Lia
4:40 PM	[M67] IHEP Perspective	WANG, Yifang
4:55 PM	[M68] KEK Perspective	YAMAUCHI, Masa YAMAUCHI, Masanori YAMAUCHI, Masanori
5:10 PM	[M69] Questions and discussion	

Physics Highlights from the Frontiers: Examples of International and National Status and Plans - 130 (5:30 PM - 7:10 PM)

time	[id]	title	presenter
5:30 PM	[180]	View from the CERN Council	RABINOVICI, Eliezer
5:45 PM	[184]	Particle Physics in Latin America	QUEVEDO, Fernando
5:55 PM	[181]	View from Canada	SMITH, Nigel
6:10 PM	[182]	View from ICFA	HENDERSON, Stuart
6:25 PM	[183]	HEP in Africa	ASSAMAGAN, Ketevi Adikle
6:35 PM	[186]	Report from ILC International Development Team	NAKADA, Tatsuya
6:45 PM	[187]	Questions and discussion	

Tuesday, July 26, 2022

Physics Highlights from the Frontiers: Summary, Part 2 - 130 (8:00 AM - 12:50 PM)

time	[id] title	presenter
8:00 AM	P561 [P561] International Benchmarking Subpanel	FLEMING, Bonnie MCBRIDE, Patricia
8:30 AM	P562 [P562] National Academy Study (EPP2020) - Elementary Particle Physics: Progress and Promise	SPIROPULU, Maria SPIROPULU, Maria SPIROPULU, Maria SPIROPULU, Maria SPIROPULU, Maria
9:00 AM	P563 [P563] Large Experiments/Facilities and the proposed timelines	
	- [1] Energy Frontier	NARAIN, Meenakshi
	- [2] Cosmic Frontier	SOARES-SANTOS, Marcelle
	- [3] Neutrino Frontier	BRICE, Stephen
	- [4] Rare Processes and Precision Measurements Frontier	PETROV, Alexey
	- [5] Accelerator Frontier	RAUBENHEIMER, Tor RAUBENHEIMER, Tor
	- [6] Underground Facilities Frontier	HALL, Jeter
	- [7] Questions and discussion	
10:00 AM	P565 [P565] Message from DOE Office of Science etc.	
10:05 AM	Coffee Break	
10:30 AM	P564 [P564] Mid and Small scale Experiments/Facilities and the proposed timelines	
	- [1] Cosmic Frontier	CHOU, Aaron CHOU, Aaron
	- [2] Neutrino Frontier	SANCHEZ, Mayly
	- [3] Rare Processes and Precision Measurements	BERNSTEIN, Robert
	- [4] Energy Frontier	FENG, Jonathan
	- [5] Accelerator Frontier	SHILTSEV, Vladimir
	- [6] Instrumentation Frontier	ZHANG, Jinlong ZHANG, Jinlong
	- [9] Community Engagement Frontier	QUINN, Breese
	- [10] Computational Frontier	GOTTLIEB, Steven
11:30 AM	P566 [P566] Community Summer Study and Workshop Synthesis	CUSHMAN, Priscilla CUSHMAN, Priscilla
12:10 PM	P567 [P567] Moving Forward with P5	HEWETT, JoAnne
12:20 PM	P568 [P568] Remarks and Thanks from DPF Chair and the UW Organizers	WATTS, Gordon BUTLER, Joel