



# Seattle Snowmass Summer Meeting 2022

## Sunday, 17 July 2022

### Physics Highlights from the Frontiers: Snowmass Workshop Charge - I - 130 (09:00 - 12:15)

-Conveners: R. Sekhar Chivukula; Tao Han

time	[id] title	presenter
09:00	[105] CSS Welcome and Meeting Logistics	WATTS, Gordon
09:15	[106] Welcome from the University of Washington	Prof. HARRIS, Dianne Prof. YAFFE, Laurence Dr OSTENDORF, Mari
09:30	[97] DPF Greeting and Snowmass Organization Overview	BUTLER, Joel
09:45	[98] Accelerator Frontier Workplan	GOURLAY, Steve
10:00	[99] Community Engagement Frontier Workplan	ASSAMAGAN, Ketevi Adikle
10:15	[100] Coffee Break	
10:45	[101] Computational Frontier Workplan	GOTTLIEB, Steven
11:00	[102] Cosmic Frontier Workplan	TAIT, Tim
11:15	[103] Energy Frontier Workplan	TRICOLI, Alessandro
11:30	[104] Theory vision: the questions before us (Working title, may change)	MURAYAMA, Hitoshi

### Physics Highlights from the Frontiers: Snowmass Workshop Charge II - 130 (14:00 - 16:00)

time	[id] title	presenter
14:00	[108] Instrumentation Frontier Workplan	ZHANG, Jinlong ZHANG, Jinlong
14:15	[109] Neutrino Frontier Workplan	WORCESTER, Elizabeth
14:30	[110] Early Career Viewpoint	GONSKI, Julia
14:45	[107] Experimental Landscape (Working title, may change)	LANKFORD, Andrew
15:15	[111] Rare Processes and Precision Measurements Frontier Workplan	BERNSTEIN, Robert
15:30	[112] Theory Frontier Workplan	SU, Shufang
15:45	[113] Underground Facilities Frontier (UF) Workplan	ORRELL, John

# Monday, 25 July 2022

## Physics Highlights from the Frontiers - 130 (08:00 - 09:45)

-Conveners: Marcela Carena

time	[id] title	presenter
08:00	[888] Introduction	CARENA, Marcela
08:00	[558] Frontier Summaries and Panel Discussion: Science Highlights	
08:15	[889] Cosmic Frontier	TAIT, Tim
08:27	[890] Energy Frontier	REINA, Laura
08:40	[891] Neutrino Frontier	HUBER, Patrick
08:52	[892] Rare Processes and Precision Measurements Frontier	ARTUSO, Marina
09:05	[893] Theory Frontier	EL-KHADRA, Aida
09:17	[895] Questions and discussion	

## Physics Highlights from the Frontiers: Poster Session Awards!!!! (13:45 - 14:00)

-Conveners: Jason Detwiler

time	[id] title	presenter
13:45	[864] Poster Awards	DETWILER, Jason

## Physics Highlights from the Frontiers: Intersections between Particle Physics and Associated Fields - 130 (14:00 - 15:30)

-Conveners: Glennys Farrar; Yury Kolomensky; Priscilla Cushman

time	[id] title	presenter
14:00	[824] Intersections with Astrophysics	FARR, Will
14:20	[852] Intersections with Nuclear Physics	HERTZOG, David
14:40	[853] Intersections with BES: material science, atomic and molecular structure, new technology tools	DENES, Peter

## Physics Highlights from the Frontiers: National & International Laboratory Plans - 130 (16:00 - 17:30)

time	[id] title	presenter
16:00	[825] Introduction	BAGGER, Jonathan
16:10	[865] CERN Perspective	GIANOTTI, Fabiola GIANOTTI, Fabiola
16:25	[866] Fermilab Perspective	MERMINGA, Lia MERMINGA, Lia
16:40	[867] IHEP Perspective	WANG, Yifang
16:55	[868] KEK Perspective	YAMAUCHI, Masa YAMAUCHI, Masanori YAMAUCHI, Masanori
17:10	[869] Questions and discussion	

**Physics Highlights from the Frontiers: Examples of International and National Status and Plans - 130 (17:30 - 19:10)**

time	[id] title	presenter
17:30	[880] View from the CERN Council	RABINOVICI, Eliezer
17:45	[884] Particle Physics in Latin America	QUEVEDO, Fernando
17:55	[881] View from Canada	SMITH, Nigel
18:10	[882] View from ICFA	HENDERSON, Stuart
18:25	[883] HEP in Africa	ASSAMAGAN, Ketevi Adikle
18:35	[886] Report from ILC International Development Team	NAKADA, Tatsuya
18:45	[887] Questions and discussion	

# Tuesday, 26 July 2022

## Physics Highlights from the Frontiers: Summary, Part 2 - 130 (08:00 - 12:50)

time	[id] title	presenter
08:00	[561] International Benchmarking Subpanel	FLEMING, Bonnie MCBRIDE, Patricia
08:30	[562] National Academy Study (EPP2020) - Elementary Particle Physics: Progress and Promise	SPIROPULU, Maria SPIROPULU, Maria SPIROPULU, Maria SPIROPULU, Maria SPIROPULU, Maria
09:00	[563] 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	[905] Message from DOE Office of Science etc.	
10:05	Coffee Break	
10:30	[564] 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	[566] Community Summer Study and Workshop Synthesis	CUSHMAN, Priscilla CUSHMAN, Priscilla
12:10	[567] Moving Forward with P5	HEWETT, JoAnne
12:20	[568] Remarks and Thanks from DPF Chair and the UW Organizers	WATTS, Gordon BUTLER, Joel