# Status of Planning for Community Summer Study

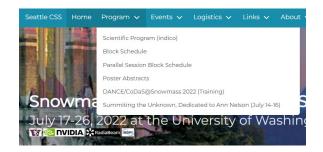


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June 17 2022

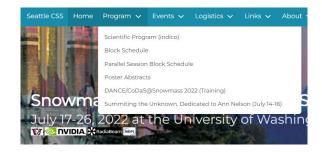


#### **Block Schedules**



#### Schedule change requests:

- Now starting to enter things into indico
- Getting rooms fixed
- All changes that have been sent
  - We will do out best to add them, likely after they go into indico



http://seattlesnowmass2021.net/

## **Block Schedule**

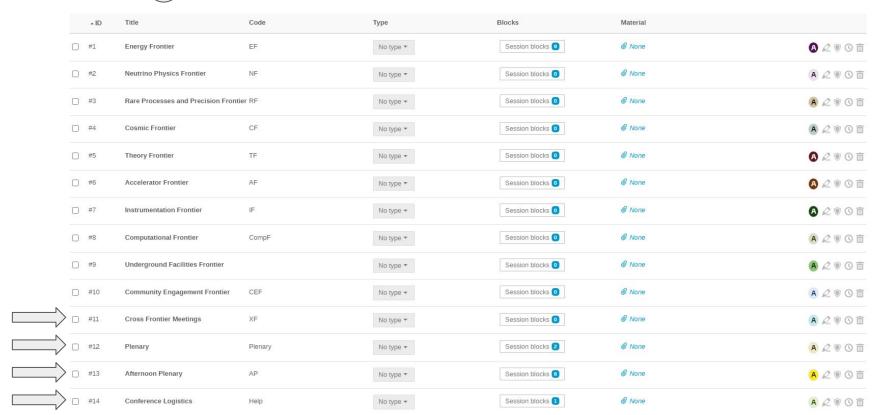
NOTE: This schedule is not yet final	Saturday, July 16	Sunday, July 17			Wednsday, July 20			Saturday, July 23				Wednesday, Jul	
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10		
7:30 AM													
8:00 AM		Registration	Registration									National Study	
8:30 AM											NAS EPP Decadal study		
9:00 AM													
9:30 AM			Parallel	Parallel	Parallel	Parallel	Parallel	Parallel		Snowmass Summary (Program			
10:00 AM		Introductory Plenary							Parallel	under development)	Snowmass Summary (Program under development)		
11:00 AM													
12:00 PM		Lunch	Lunch, Poster & Exhibit	Lunch, Poster & Exhibit	Lunch, Poster & Exhibit	t Lunch	Lunch	Lunch & Communicating HEP to the public and the govt.	Lunch	Lunch	Closing Remarks	LIGO Hanford Tol	
1:00 PM													
2:00 PM			Parallel 1: Al/ML Parallel 2: Underground	Panel: Careers and Training the Next Generations	Parallel 2: Rare processes  Colloquium on lest upper table parallel 2: Rare processes	Colloquium on Rare Processes and Precision Measurements  Colloquium on new Accelerators and R&D	Colloquium on Underground Physics Colloquium on Theory	Colloquium on Energy Frontier Physics Colloquium on Computing	Presentation: Snowmass Early Career  Parallel 1: Underrepresented Minorities Parallel 2: Instrumentation projects	Panel: Interconnections between frontiers and with other fields			
		Introductory											
3:00 PM		Plenary											
3:30 PM			Parallel 1: The next	Decelled delication									
4:00 PM		Coffee	accelerators Parallel 2: LQCD	Parallel 1: Lepton Colliders Parallel 2: Cosmic						Talks: National, International Leaders			
	Pre-Registration	Planning US HEP: past, present, future											
5:00 PM			Coffee	Coffee		Coffee	Coffee	Coffee	Coffee				
6:00 PM			asi, present, tuture	DEI: Talks and Panel	Colloquium on Community Engagement		Colloquium on Cosmic Frontier Probes of Fundamental Physics	Colloquium on Neutrino Physics	Quantum Information Science in HEP	talks DOE, NSF, FNAL Director, other US labs	Panel International Status and Plans		
7:00 PM													
2.00 PM			Reception & Poster & Industry Partners		Adam Riess Public	Physics Slam		O-Wd					

## **Block Schedule**

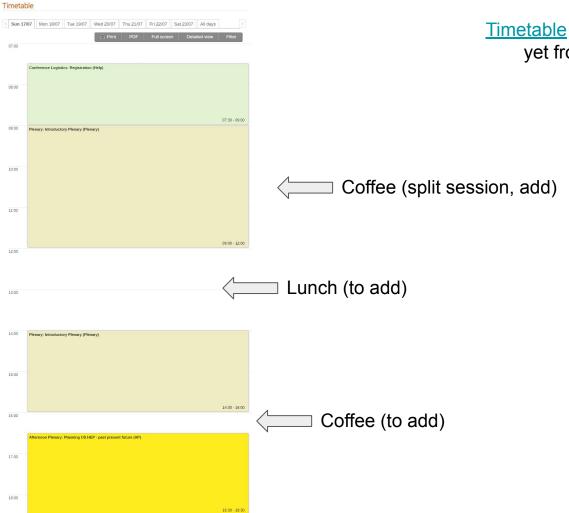
7-18 8am 7-18 8:30am 7-18 9am 7-18 9:30am 7-18 10am 7-18 10:30am 7-18 11:30am 7-18 11:30am	AF AF3 and AF4 Reports (19G) (KNE 220 - 100 ppl)	AF AFx Internal (19H) (KNE 210 - 20 ppl)	CF CF1 Discussion (18I) (HUB 337 - CF CF2 Discussion (18P) (HUB 337 - CF CF3 Discussion (18S) (HUB 337 - CF CF4 Discussion (18T) (HUB 337 -	CompF CompF1 Experimental Algorithm Parallelization CompF CompF2 Theoretical Calculations and Simulation (20V)	EF Higgs and BSM I (18K) (HUB 332 - 100 ppl)	EF Strong Interactions I (18L) (HUB 214 - 30 ppl)	IF IF1 (23H) (JHN 022 - 20 ppl)	IF IF2 (23G) (JHN 111 - 20 ppl)	IF IFS (23D) (JHN 175 - 20 ppl)	NF All-Frontier (18N) (KNE 130 - 300 ppl)	XF CEF-EF-NF-RF- CF-TF-AF-IF- CompF-UF CEF Feedback (18A) (HUB 340 - 70 ppl)			
	AF AAF6 and AF1 Internal (19E) (30 ppl)	AF AF3 and AF4 Internal (19F) (20 ppl)	CEF Frontier Discussion (210) (JHN 175 - 50 ppl)	CF CF5 Discussion (18H) (HUB 337 - CF CF6 Discussion (18O) (HUB 337 - CF CF7 Discussion (18R) (HUB 337 - CF CF4 CF5 CF6 CF7 Dark Energy	CompF CompF3 Machine Learning (20F) (HUB 307 - 20 ppl) CompF CompF4 Storage and Processing Resource Areas	IF IF10 (23E) (20 ppl)	IF IF3 (23F) (20 ppl)	IF IF4 (23E) (20 ppl)	IF IF6 (23C) (20 ppl)	NF DUNE PS Strategy (Oscillation Physics) (20N) NF DUNE PS Strategy (BSM Physics) (20X) (KNE 120 - 150	RF RF1 Discussions (20C) (40 ppl)  RF RF2 Discussions (20S) (40 ppl)	UF UF2 (198) (25 ppl) XF UF-NF-RF OnuBB from Natural Sources (19A) (KNE 110 -	XF CF-EF-RF-TF CF1 CF2 CF3 CF7 DM Complementarity (20L) (KNE 220 - 150 ppl)	XF TF-EF Energ Frontier Theor (19J) (KNE 210 50 ppl)
7-20 7:30am 7-20 8am 7-20 8:30am 7-20 9am 7-20 930am 7-20 10am 7-20 10-30am 7-20 11am 7-20 11:30am	AF AF7 (19C) (KNE 220 - 100 ppl)	CF Report Discussion (23Q) (KNE 130 - 300 ppl)	CompF CompF5 End User Analysis (20E) (20 ppl) CompF CompF6 Quantum Computing (20T) (20 ppl)	EF BSM II - non DM (190) (KNE 210 - 100 ppl) NF DUNE PS Strategy (Expanded Physics Scope in	EF EWK I (19N) (KNE 120 - 100 ppl)	EF TOP I (19M) (30 ppl)	IF Workshop Plans (HUB 250 - 100 ppl)	NF DUNE PS Strategy (Detector Technology) RF RF7 Exp And Theory Overview Hadron Spectroscopy	RF RF6 3 Big Idea + 1 Experimental Summary White Papers (20B) (40 UF UF5 UF3 (188) (25 ppl)	TF TF9-TF11 (18C (HUB 337 - 50 ppl)	XF AF-NF AF2- AF5-NF Booster Replacement Options (HUB 214 - 50 ppl)	XF UF-IF QIS (22F) (HUB 340 - 50 ppl) XF RF-EF Long Lived Particles (40 ppl)		
7-20 12pm 7-21 7:30am 7-21 8:30am 7-21 8:30am 7-21 9:30am 7-21 9:30am 7-21 10:30am 7-21 11:30am	AF AF2 and AFS Reports (24L) (JHN 102 - 100 ppl)	AF AF7 Internal (24K) (JHN 175 - 70 ppl)	CF Report Discussion (24M) (KNE 120 - 200 ppl)	EF EWK II (21P) (KNE 210 - 100 ppl)	IF IF7 (24G) (20 ppl)		TF TF2-TF5 (18D) (JHN 111 - 50 ppl)	XF EF-CompF EF Centric Discussions (18X) (40 ppl) CompF CompF7 Reinterpretation and long-term preservation of	XF IF-EF-AF-IF Detectors and MDI and Plots (21I) (40 ppl)	XF IF-RF-EF Focus on timing and more generally tracking EF DM Discussion (21N) (KNE 110 - 100 ppl)	XF NF-CF Neutrino mass scale with beta decay kinematics (22C) (30 ppl)	XF RF-EF-TF RF1 Flavor anomalies and exotics at colliders (22A) XF RF-CF RF1 large-volume data analysis and simulation and	XF UF-NF Long Baseline (18Q) (40 ppl) XF RF-EF-AF RFS to discuss CLFV and heavy states (24Q) (HUB 340 -	
7-21 12pm 7-22 7:30am 7-22 8:30am 7-22 9:30am 7-22 9:30am 7-22 10:30am 7-22 11:30am 7-22 11:30am 7-22 11:30am	AF AF Report Finalization (24J) (KNE 210 - 100 ppl)	AF AFx Internal (24H) (JHN 111 - 50 ppl)	AF AFx Internal (24I) (HUB 250 - 70 ppl)	CompF Report Discussion (200 ppl) UF UF1 (22Q) (25 ppl)	EF BSM IV (23N) (JHN 102 - 100  XF EF-AF combined EF/AF report discussion (21V) (30 ppl)	IF IF8 (24F) (20 ppl)	IF IF9 (24E) (20 ppl)	NF Optimizing Among Funding Agencies (21L) (30 ppl) XF RF-EF-TF RF7- EF6-EF7 hadrons as production probes;	RF RF3 Discussions (218) (40 ppl)  RF RF5 Discussions (21R) (40 ppl)	TF TF4b-TF6-TF7 (18F) (HUB 337 - 50 ppl)	XF AF-EF Accelerator R&D Overseas (22G) (40 ppl) CompF Industry Session (JHN 175 50 ppl)	XF NF-EF Cross- cutting issues (22H) (30 ppl)	XF TF-CompF QIS (212) (HUB 214 - 50 ppl)	
7-23 8:30am 7-23 9am 7-23 9:30am 7-23 10am 7-23 10:30am 7-23 11:30am 7-23 11:30am	AF AF3 and AF4 Internal (TBD) (18M) (KNE 110 - 150 ppl) IF Report (JHN 075 - 100 ppl)	AF AF7 Reports (24C) (JHN 175 - 70 ppl)	EF Discussion and Summaries (24N) (KNE 130 - 300 ppl)	NF Early Career Presentations (Topic 1) (20I) (30 ppl)	NF Early Career Presentations (Topic 2) (20K) (JHN 102 - 60 ppl)	RF All-Frontier Discussions (23Y) (KNE 220 - 140 ppl)		TF TF8-TF10 (18E) (JHN 111 - 50 ppl)	XF IF-CF-CompF Instrumentation for Cosmic Frontier (21H) (30 ppl)	XF IF-CompF readout and Al/ML (21E) (JHN 175 - 40 ppl) UF UF4 (21C) (25 ppl)	XF IF-NF Instrumentation for Neutrino Experiments (21G) (30 ppl)	XF IF-UF Cross- cutting Facilities (21F) (30 ppl) XF NF-TF Neutrino theory network (22K) (KNE 110 - 50	XF NF-CF-IF Dark matter detector (22J) (KNE 210 - 50 ppl)	XF TF-CF Cosr Frontier Theo (19K) (KNE 12 50 ppl)
-23 12pm -24 7:30am -24 8:30am -24 8:30am -24 9:30am -24 9:30am -24 10am -24 10:30am -24 11:30am	AF AF1 Report (KNE 120 - 150 ppl)	AF Success Stories from AF (22D) (30 ppl)	IF Report (24D) (JHN 102 - 100 ppl)	NF Beyond neutrino mass physics reach of precision beta-	NF Community Engagement Success Stories (22I) (20 ppl)	NF Early Career Presentations (Topic 3) (20H) (30 ppl)	NF Early Career Presentations (Topic 4) (20J) (JHN 175 - 60 ppl)	TF Discussion and frontier reports (19P) (KNE 220 - 175 ppl)	UF UF6 (23B) (25 ppl)	XF AF-CompF Cross-cutting issues (22E) (JHN 075 - 70 ppl)	XF AF-RF cross- cutting issues (22B) (40 ppl)	XF NF-CF-TF high energy and ultrahigh energy astrophysical	XF RF-IF RF1 Discuss picosecond detectors - fast	XF RF-NF RF5 discuss CLFV a neutrinos - mu and facilities

#### Indico

1 Sessions for each frontier, plus plenaries, plus XF meetings



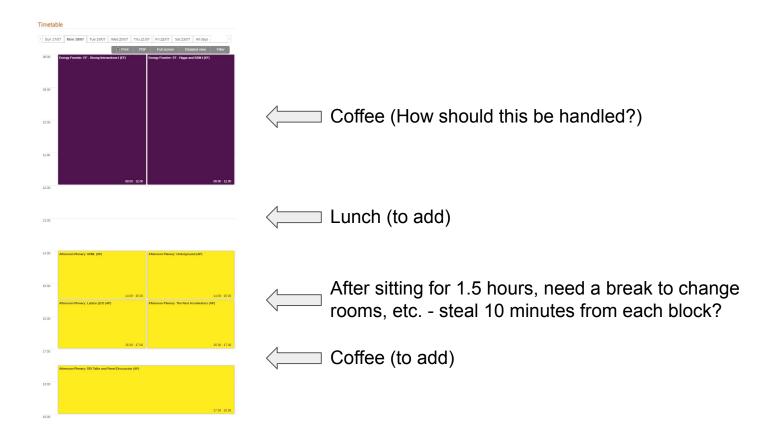
## Day 1



<u>Timetable</u> (note *not* available yet from front page)

## Only EF, and afternoon plenaries have been loaded!

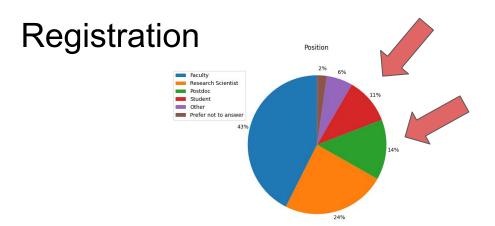
## Day 2

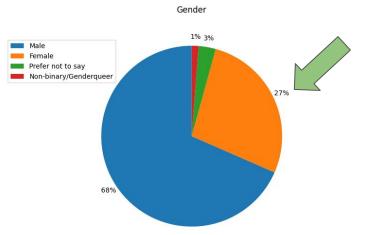


## **Next Steps**

- Have not received any feedback yet so we think we are ready to load this into indico
- 2. Load the rest of the meetings
- 3. Make Frontier Conveners "owners" of each session
  - a. All will own the XF session!!
- 4. Give everyone a few days to look, flip public so everyone can see
  - a. Note that some session names are still in code!

## Registration





#### **Current Status**

- 521 people have registered/paid
- 555 total (UW volunteers, etc.)
- Two of us have not registered yet!
- <u>Current list of people</u>. Are the people you expect on there yet? Every blocked room drops on Friday!!!

#### Schedule

Regular registration, including virtual registration, starts this Saturday

#### **Next Steps**

Do you know people intending to register?
 Please have them register quickly!

#### Travel Awards

We have \$10K built into the budget for travel awards

- We had 82 applicants
  - Position
    - 33% faculty or lab scientist
    - 35% graduate student
    - 20% postdoc
- Many are international
  - 70% of requests from USA institutions
  - NSF has warned us this is not the right way to spend their participant funds
- We don't want to give out very small amounts for most people
- Reasonable number of Lab applicants
- Given out 16 awards

#### **Next Steps**

- DPF has agreed to fund the rest of the US travel awards
- Note that a number of international members of our community
  - Their applications will be turned down, unfortunately.