

Program Committee Meeting

April 27, 2022

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PC Co-chairperson

Program status

- The morning part of the agenda is being planned by the frontier conveners. Considerable attention has been paid to the many proposed cross-frontier meetings, which require a lot of rooms and raise the cost of the meeting
 - That is now under control
 - The cross-frontier meetings will take place in the time allotted to morning sessions

Purpose of the afternoon plenaries

- To present the most important ideas and considerations that go into the formation of our **shared** scientific vision so everyone can understand, question, and hopefully eventually support it.
 - While we strive to avoid it, our community and Snowmass suffer from compartmentalization, specialization, and stove piping.
 - The frontiers were asked to propose topics that they particularly wanted to communicate to the whole community
 - They did so with great enthusiasm, vastly oversubscribing the available time!
 - Similarly, DPF had a collection of topics that they wanted addressed
 - Some were presentations by various groups
 - Others were massively cross-cutting issues such as DEI, career issues for young scientists, sustainability, broader impacts, opportunities by young scientists to speak and present their issues.
 - Snowmass is a well-publicized event. The press will be present. We want to also project a good image.
 - We are already getting inquiries
 - We have yet to consider how to present ourselves to the public and press
- At the Program Committee meeting on April 20 , the All-Conveners meeting on April 22, and the April 25 Advisory Committee meeting, we began to bring the plenary program into some balance with the available time

Some issues that will affect the available time for plenaries

- The plan is to allow 90 minutes for lunch. It is viewed as tight but doable. This leaves about 4.5 hours for plenaries on seven days
 - New thinking may extend the lunch period to TWO hours
- Afternoon coffee breaks must come out of the 4.5 hours, leaving less time for the actual talks, panels, and discussions.
 - The proposal is for one break of 30 minutes
 - This would reduce the available time to 4 hours
 - **Perhaps the conference organizers can extend the afternoon by 15-30 minutes**
 - Is it possible to have an evening session?
 - I prefer to have additional opportunities for socializing if we want to organize activities for one or two evenings
 - It is also understood that some adjustments will be necessary to enable people to move between the late afternoon sessions and the evening activities
- The Program for July 17, the start of the conference, and for July 25 and 26 (1/2 day) are still open and can possibly relieve some of this pressure
- There may be some desire to have a part of ONE day off to reduce the pressure on people

Some scheduling issues

- The speakers at the general session are agency or international people or members of the political system or public that have constraints.
 - They may not be able to be at Snowmass for the whole time
- There are other constraints, such as the String Theory Conference that is taking many theorists away from the first part of the conference
- We do not have to have a perfectly regularly grid like I will show on the next page.
- Some Frontiers may be willing to reduce their requests
 - There is some “hidden contingency”

A	B	C	D	E	F	G	H	I	J	K		
	Sunday, July 17	Monday, July 18	Tuesday, July 19	Wednesday, July 20	Thursday, July 21	Friday, July 22	Saturday, July 23	Sunday, July 24	Monday, July 25	Tuesday, July 26		
7:30 AM	Registration											
8:00 AM												
9:00 AM	Introductory Plenary	Parallel							Summary Plenary	Closeout Plenary		
10:00 AM		Parallel										
11:00 AM		Parallel										
12:00 PM	Lunch	Lunch	Lunch & Poster	Lunch & Poster	Lunch & Poster	Lunch & Poster	Lunch	Lunch	Lunch			
1:00 PM	Introductory Plenary	1	G	II	II	II	II	G	Summary & Closeout Plenary			
2:00 PM		I	I	I	I	G	I	II				
3:00 PM		1	1	1	1	G	G	G				
4:00 PM	Colloquia											
5:00 PM												
6:00 PM	Reception & Poster						Conference Dinner					
7:00 PM			Physics Slam	Adam Riess Public Lecture								
8:00 PM												

I → Long plenary for Primary presentation of the Frontiers (10)
 II → Split session (two topics in parallel. Secondary presentations by Frontier (5x2)
 G → General topic (not specific to any frontier) (6)

Purpose of the various types of talks

- We envisage that the blocks labelled “I” will be where the Frontier groups deliver their main message to the entire community in simple, direct terms
 - There should be ample time for discussion, at least 30%
 - We will hold speakers to their time so that the discussion and Q&A does not get sacrificed
 - We will use ways of allowing questions to be submitted in advance and allow remote participation, with priority given to those who are attending in-person
- The blocks labelled II will be for more detailed, but still of wide interest, issues
- The blocks labelled “G” are for community wide issues,
 - including information transfer, plans from international partners, funding agencies, national and international laboratories
 - topics that are shared by all, or many, frontiers or are field-wide issues
 - Career issues
 - DEA
 - Training the next generation
 - ...

Suggestions for Plenary Sessions Organized by the Program Committee – Some examples

- RPF
 - Colloquium 1 (**full plenary block**):
 - Flavor physics and QCD
 - Discrete symmetries, baryon, and lepton number violation
 - Dark matter and rare processes
 - Colloquium 2 (**shared block**):
 - RPF+AMO
- CF
 - Colloquia 1: Dark Matter as a Science driver for fundamental physics (community wide, with representatives from energy, rare processes, theory, and neutrino, ~3 hours).
 - Colloquia 2: Cosmic Probes of Fundamental Physics (community wide, with representatives from energy, rare processes, theory, and neutrino, ~2 hours)
- CEF
 - Colloquium 2.5h. CEF will propose the topics and format after their April 29 meeting. This could be arranged as a panel discussion.
- IF
 - Special CPAD Awards ceremony with invited talks by 2021 DPF Instrumentation Award winners and GIRA award winners, highlighting recent achievements in instrumentation and current key challenges, as well as career pipeline
 - Colloquium: motivational talks about direction, technological key issues, career pipeline, facilities

<https://docs.google.com/document/d/11F9W5JwVZLp9JfUN7EhVUg5orycYMNOO36i1saqoFrg/edit>

Snowmass SLACK channel: ssss-program-committee

Categories for General Sessions – Preliminary Thoughts - DPF Chair Line

- **Domestic Program:**

- Overview from US funding agencies
- Overview from US Lab directors
- View from HEPAP and Previous P5 chairs and members
- DOE and NSF also want to do some focused activities, such as meeting with PIs to discuss grant issues
- Perhaps a perspective from some people in Government, Congress,

- **International and Interdisciplinary Program**

- Presentations and panels of foreign lab directors
- Plans and planning process in other regions and nations
- ICFA, ECFA, perspective etc
- CERN and US collaboration
- Possibly Ukraine, Russia impacts
- Collaboration with Astrophysics (DAP), Nuclear (DNP), Gravity (DGRAV), DPB (also AF)

- **Special sessions on New and Evolving Technologies**

- Special session on Quantum including academic and commercial participation. how can HEP contribute?
- Special session on Gravitational Waves - HEP community is excited about this new way to experimentally probe the universe. How can HEP make the most out of this new opportunity?
- Special session on AI – how can HEP contribute?

- **Engagement**

- STEM,
- Promoting DEI: Gender, race, sexual orientation,
- supporting people with disabilities,
- Careers issues in HEP,
- How can we encourage people to work on “enabling technologies” in HEP? Instrumentation, computing, etc
- Sustainability in the next round of HEP projects, current operations, etc,
- A report on the US Congressional visits and other outreach activities to the government,
- Outreach: do we do it well enough