

# Snowmass All-Conveners Meeting

June 17, 2022

J. Butler, Fermilab

# Google Doc for Session Information

- <https://docs.google.com/document/d/11F9W5JwVZLp9JfUN7EhVUg5orycYMNOO36i1saqoFrg/edit#>
- Index of topics:
  - I. Suggestions for Plenary Sessions Organized by Frontiers (and Snowmass Early Career)
  - II. Suggestions for Plenary Sessions Organized by the Program Committee
  - III. Status of Topical Subgroup report Submissions
  - IV. Link to list of proposed people to invite – Google doc
    - <https://docs.google.com/document/d/1gBI3HHLDCG89V93byxzpyeQf66zl39pElwREGYcsCTY/edit?usp=sharing>
  - V. Participants - link to google doc
    - <https://seattlesnowmass2021.net/participantList/>

# Day 1 Agenda – Preliminary

- 09:00 – 9:30:
  - CSS Welcome and meeting logistics 15 minutes – Gordon and Shih-Chieh
    - UW Welcome (UW Vice Provost of research) (5 min)
    - UW Welcome (UW Dean of Arts and Sciences) (5 min)
    - UW Welcome (UW physics department Chair) (5 min)
  - 09:30 – 09:50: Introduction and Organization from DPF (Joel)
  - 09:50 – 10:20: Two frontier workplans
    - Accelerator
    - Community Engagement
  - 10:20 – 10:50: Coffee break
  - 10:50 – 11:35: Three frontier workplans
    - Computational
    - Cosmic
    - Energy
  - 11:35 – 12:00: **Vision Talk** [Where will the next discoveries come from, are the drivers ok, should they be changed, augmented? ]
  - 12:00 – 14:00: Lunch
  - 14:00 – 14:30 Two Frontier Workplans
    - Instrumentation
    - Neutrino
  - 14:30 – 14:45 Early Career viewpoint
  - 14:45 – 15:15 **Science talk** [on experiments, facilities, or projects]
  - 15:15 – 16:00 Three frontier Workplans
    - Rare Decays and Precision Measurements
    - Theory
    - Underground Facilities
  - 16:00 – 16:30: Coffee break
  - 16:30 – 18:30:
    - Snowmass/P5 2013/2014 retrospective, lessons learned
      - Snowmass2013 and P5, Why it worked, what is the same/different about Snowmass21 P5: How it became a model for a successful prioritization process and how we can we repeat its success. (Steve Ritz, former chair of P5, 2014)
      - View from NSF
      - View Fermilab Plans (from New Director)
      - View from DOE
      - View from HEPAP (JoAnne Hewett)

**Need suggestions  
for the topics and  
speakers for the  
two talks in red**

# Purpose of the various types of talks

- We envisage that the Frontier plenary blocks will be where the Frontier groups deliver their main message to the entire community in simple, direct terms, including conveying the excitement and greatest challenges
  - **There should be ample time for discussion, at least 20 minutes**
  - 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 shared plenary blocks will be for more detailed, but still of wide interest, issues
- The plenary blocks not associated with Frontiers 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
    - Diversity, Equity, Inclusion
    - Training the Next Generation
    - Quantum Information Systems
    - Interdisciplinary Panel
    - International Leadership panel/discussion

	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	Wednesday, July 27							
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10								
07:30 - 08:00 AM	Registration	Parallel	Parallel	Parallel	Parallel	Parallel	Parallel		Snowmass Frontier Summaries	Infri Benchmark								
08:00 - 08:30 AM										NAS EPP Decadal Study								
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11:30 - 12:00 PM																		
12:00- 12:30 PM	Lunch							Lunch, Poster & Exhibit	Lunch, Poster & Exhibit	Lunch, Poster & Exhibit		Lunch and DOE Program Managers Session A,B	Lunch and DOE Program Managers Session C,D	Lunch and Communicating HEP to the public and the govt	Lunch	Lunch	Closing remarks	in the scheduel and afor the mtend
12:30 - 01:00 PM																		
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02:00 - 02:30 PM	Introductory Plenary	Parallel 1: A/ML Parallel 2: Underground Science	Panel: Careers and Training the Next Generations	Parallel 1: Neutrino; Parallel 2: Rare processes	Colloquium on Rare Processes and Precision Measurements	Colloquium on Underground Physics	Colloquium on Energy Frontier	Presentation: Snowmass Early Career	Panel: Interconnections between frontiers and with other fields									
02:30 - 03:00 PM																		
03:00 - 03:30 PM	Coffee	Parallel 1: The next accelerators; Parallel 2: LQCD	Parallel 1: Lepton Colliders Parallel 2: Cosmic	Colloquium on Instrumentation	Colloquium on new Accelerators and R&D	Colloquium on Theory	Colloquium on Computing	Parallel 1: Underrepresented Minorities; Parallel 2: Instrumentation projects	Coffee									
03:30 - 04:00 PM																		
04:00 - 04:30 PM	Planning US HEP, past, present, future																	
04:30 - 05:00 PM		Coffee	Coffee		Coffee	Coffee	Coffee	Coffee										
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05:30 - 06:00 PM		DEI: Talks and Panel	Colloquium on Community Engagement		Colloquium on Cosmic Frontier	Colloquium on Neutrino Physics	Quantum Information Science in HEP	talks: DOE, NSF, FNAL Director, other US labs	Panel International Status and Plans									
06:00 - 06:30 PM																		
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Notes:  
1) The DOE and NSF Program Managers will hold talks and Q&A with their PIs and will meet with individual PIs. Days and times to be announced.  
2) The order of the talks on Monday July 25, may change

Preliminary  
last updated June 16, 2022

# DOE/NSF Meetings during the CSS

**There are three types of activities. While this may not be what one thinks of for a Snowmass, there is precedent from 2013, where these meetings were felt to be valuable and were well attended. This year, the agencies are trying to reconnect in-person with their PI's and this Snowmass provides a good opportunity. All the Program Managers from the main science sectors are showing up in-person, along with much of OHEP upper management.**

- DOE Program Officers (HEP, Intensity, Cosmic, Theory) each want two hours to meet with their constituencies, i.e., PIs they support. The size of the groups will vary but will not exceed 100. They expect two of these to be in parallel on two lunch periods (e.g. Thursday and Friday). So, we need two rooms on each day for 1.5 hours that can also be used for lunch
- Small meetings with individual PIs or their groups, so up to 10 people. They need access to 5 small rooms for a few days. Could be during the mornings or afternoons.
- (This may not be something they decide they want) rooms for 1-2 hours for a large number of people to hear about major DOE programs such as FOAs, budget outlook early career issues,... Possibly during lunch, now that we can order in.
- Even without group 3, this requires a lot of rooms and occupy people for a lot of their time. However, the meetings were reasonably well attended in 2013. Tuesday and Thursday evening are the best days to do group 1. Group 2 would probably need to be over a few lunches during the week, if they are in fact needed.

Need to find out what NSF needs!

# Days 9 and 10: Preliminary Thoughts – I

- We have 5 hours possibly available for Frontier summaries and other talks
  - This is reduced to 4.5 hours by the need for a morning coffee break
- If we allow 20'/frontier, we use , 3 hours and 20 minutes and have time for another talk session
  - The goal of the talk is to remind people of the major recommendations but mainly to focus on the state of your report for the Snowmass book, which should in general be “almost done”, so you could provide a “punchlist” of important tasks that are incomplete.
- **.This does not seem very attractive to me**

# Days 9 and 10: Preliminary Thoughts – II

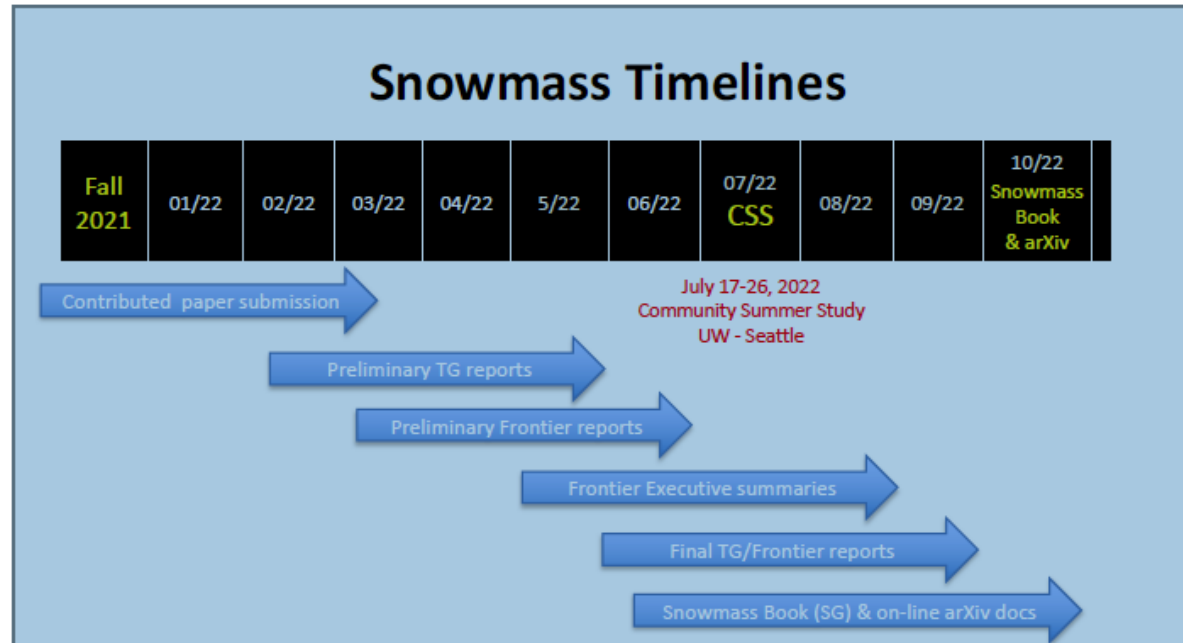
- We have 5 hours To do Message Integration Talks, Thematic talks
  - Maybe we could focus on the 5 drivers (and any others we want to add) and have one 30 minute talk on each in which we cover all our proposals from this Snowmass and describe how we will advance HEP
  - We could also say how we feel about the charge for P5 and whether we would like them to consider or even make recommendations on other issues critical to realizing the visions that are not project-like
    - HEPAP may want to work with the DOE and NSF and DPF outside of the find a way to addressing these issues



# General Talks

- July 18: DEI
- July 19: Careers and training the next generation
- July 23: Quantum Science and Technology (Spiropulu, Savage)
- July 23: Communication HEP to the public and the Government (Jepson, Quinn??)
- July 25: Connection with other disciplines

# Timeline for Snowmass Book



**Please update status of  
Topical Group reports.**

- **March 15: Contributed papers (a.k.a. White Papers)**
- **May 31: Preliminary Topical Group Reports**
- June 30: Preliminary Frontier Reports
- **July 17 – 26: Converge on reports for all the frontiers and produce executive summaries representing the views of their communities and providing the basic input needed for P5**
- September: draft Executive Summary and Report Summary
- October- November: Snowmass Book finalized and ready for submission

# Backup Slides

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# 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
  - ECFA meeting at CERN on July 20/21
  - We have information about three important leaders from Europe
    - Fabiola Gianotti (CERN DG), Karl Jacobs (ECFA chair) plan to be full time for the 24 and the 25 and leave early on the 26th.
    - Eliezer Rabinovici, president of the CERN Council will arrive on July 23, so will have approximately the same stay
- There are other constraints, such other conferences and workshops
- **We are likely to get new requests**
  - **We expect a request from DOE/NSF for the types of meetings they have held at previous conferences and workshops, including Snowmass 2013.**
  - **Same is true with NSF**
- If some Frontiers may be willing to reduce their requests that would help (no takers so far)

# Notes

- Lunch break is two hours
- There is a 30-minute coffee break in the afternoon
- **Some of the evening events have been moved around and their starting time and duration may be changed to make sure that there is adequate time between the afternoon session and the event, and the event is placed appropriately for the intended audience.**
- Some rest and relaxation time is added on Wednesday, Friday, and Sunday
- I think some of the evening activities should be moved 30-60 minutes later

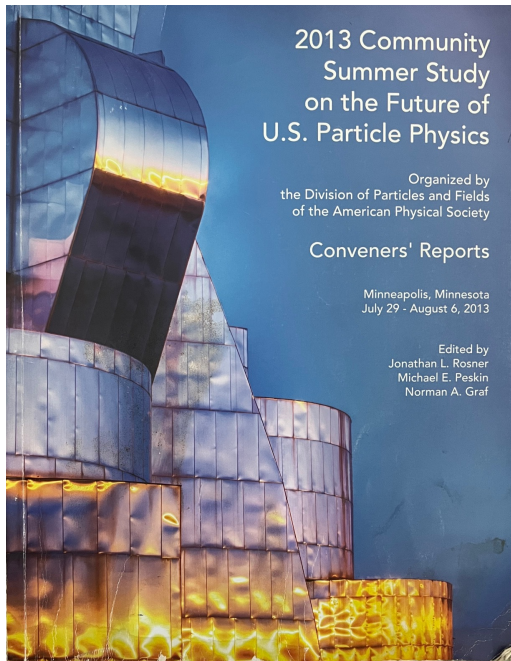
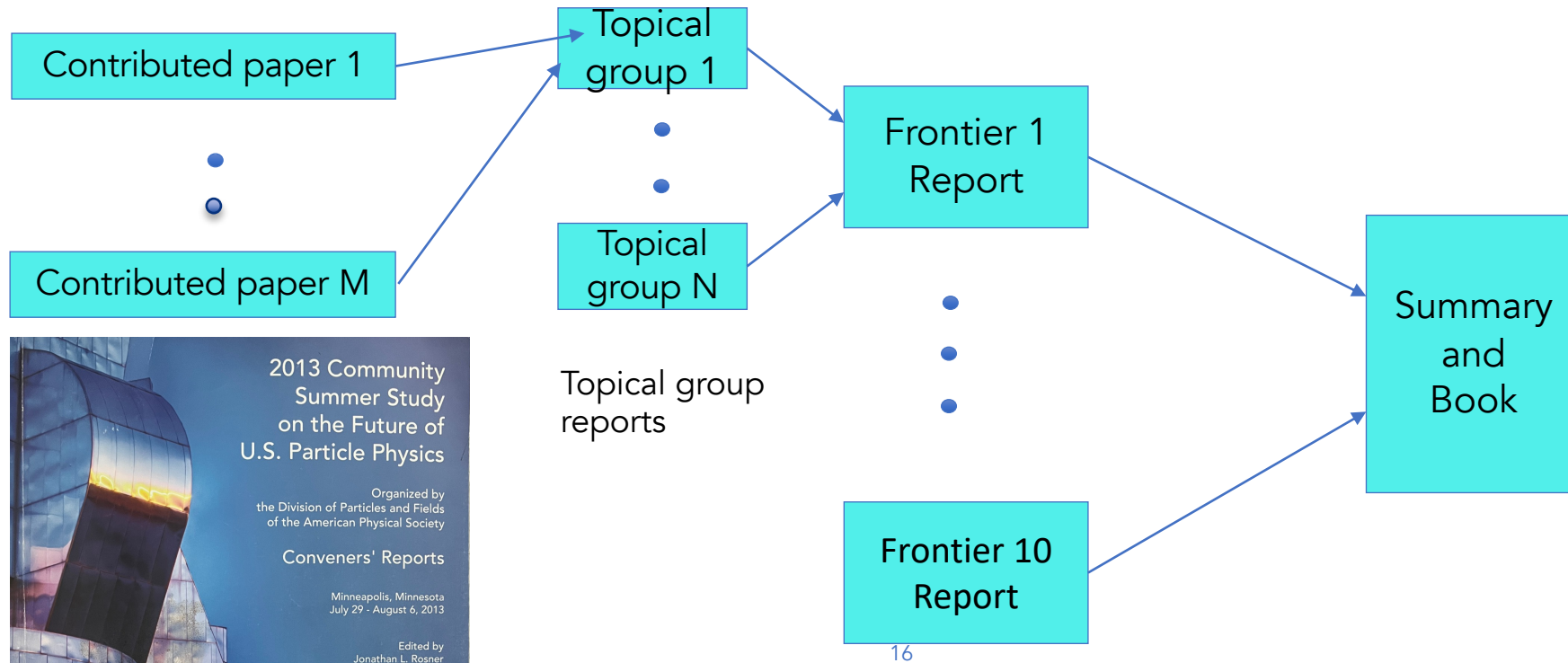
# Suggestions for Plenary Sessions Organized by the Program Committee – Some examples

- 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

# The Snowmass Book - 2021



- Report cover from Snowmass 2013, report is~ 350 pages
- The new report is expected to be ~500 pages
- All Contributed Papers will remain part of the permanent record of Snowmass