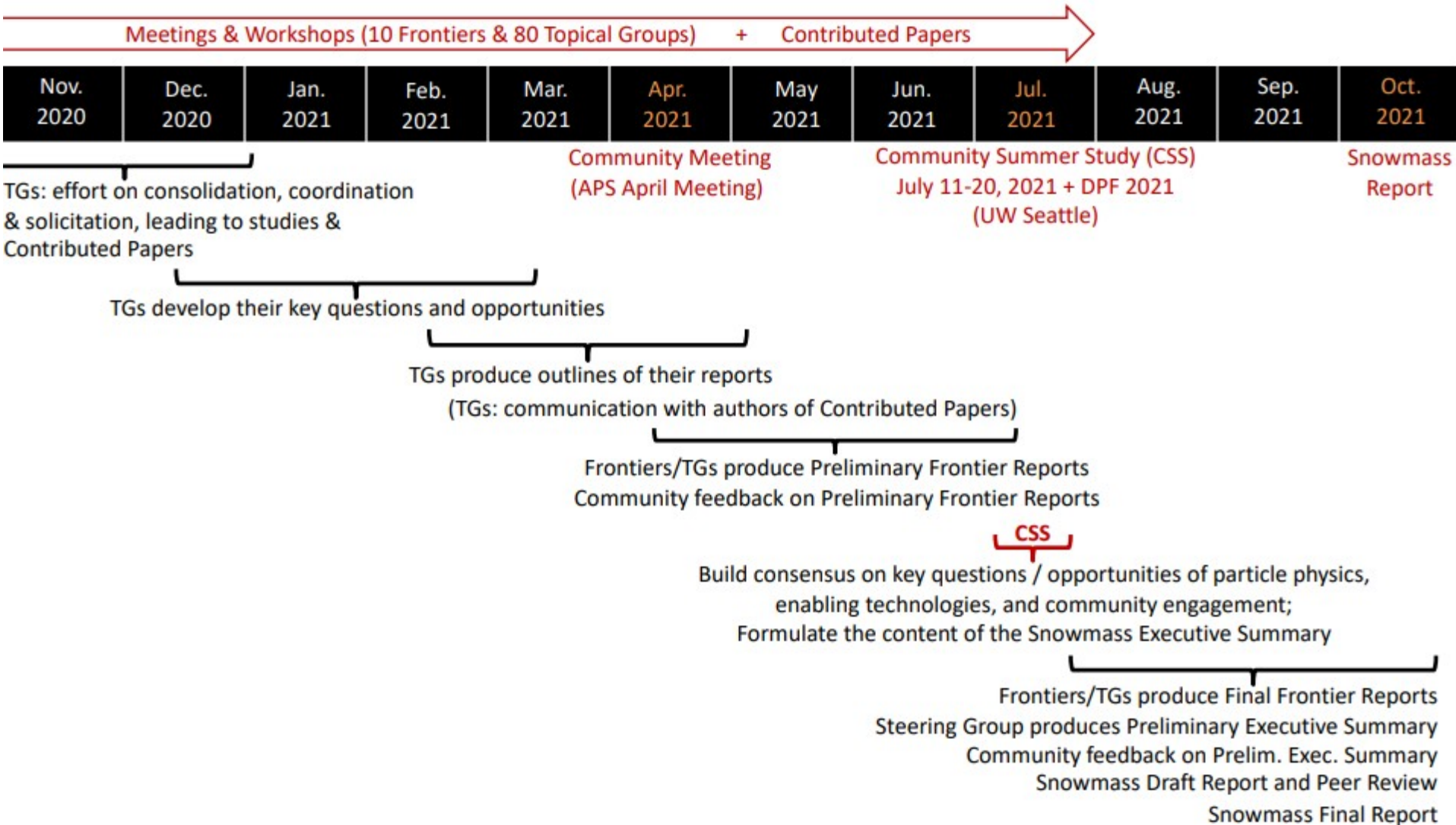


Preliminary Snowmass Timeline / Process

Starting point for discussion with the community during CPM



Energy-Frontier specific comments



- EF is moving at a somewhat “accelerated” timescale, in the sense that it is aiming to gather as much information as possible as-we-go, rather than at the last minute
- By Jan, already some indication of planned studies to form focused questions is helpful
 - Very much shaped around Lols received, might need to follow-up with slight more details in terms of what specific projects we aim for (no guarantees, just aims)
- “During Spring, the EF will announce the mechanism for collection of summaries of results to be included in the report by May 2021.” [Meenakshi, CPM #201 – EF Planning]
 - Here it’s likely that we’ll need to provide a short description of the actual projects and planned final results/plots (again, with the understanding that it’s well work-in-progress)
 - Interim presentations are very valuable to make sure conveners keep the topic in mind
 - *Ideally*, by the submission at the end of July, the conveners should know exactly what plots/results are coming and can focus on final editorial work

Report structure

- Still under discussion, but likely won't differ much from what YK presented at the CPM In purple, my personal comments

Preliminary Snowmass Report Structure

Starting point for discussion with the community during CPM

Preliminary Report Structure: Adopting Snowmass 2013

NEED to be in the key plot(s) that end up in exec summary

Executive Summary
(~50 pages)
Introduction
A few pages from each Frontier

Frontier Report

Frontier Summary
(20~50 pages)

Topical Group Reports
(20~50 pages per TG)

Contributed Papers as References

Will only fit comparison plots and some description. Important to ensure the main key physics points are covered! [more info likely helpful]

The more specific the contributed papers the more relevant the reference



Intensity Frontier

Snowmass 2013

Chapter 2: Intensity Frontier
Conveners: J.L. Hewett and H. Weerts

[Working Group Summary \(arXiv:1401.6077\)](#)

Subgroup Reports:

12.	Neutrinos	1310.4340
13.	Baryon Number Violation	1311.5285
14.	Charged Leptons	1311.5278
15.	Quark Flavor Physics	1311.1076
16.	Nucleons, Nuclei, and Atoms	1312.5416
17.	New Light Weakly Coupled Particles	1311.0029

Contributed Papers:

General:

001	K. Lesko	Why the US Needs a Deep Domestic Research Facility: Owning rather than Renting the Education Benefits, Technology Advances, and Scientific Leadership of Underground Physics	1304.0402 [PDF]
019	S. Holmes, <i>et al.</i>	Project X: A Flexible High Power Proton Facility	1305.3809 [PDF]
021	S. Glashow	Particle Physics in the United States: A Personal View	1305.5482 [PDF]
024	V. Shiltsev, <i>et al.</i>	Issues and R&D Required for the Intensity Frontier Accelerators	1305.6917 [PDF]
055	A. Kronfeld, <i>et al.</i>	Project X: Physics Opportunities	1306.5009 [PDF]
066	S. Holmes, <i>et al.</i>	Design X: Accelerator Reference Design	1306.5077 [PDF]

EF Workshops

- Two workshops planned in spring: May and June, ~ 1 month apart
 - Exact dates to be announced (plausible dates: May 10-14, June 14-18)
- Format / main goal not yet set in stones, but would be important to show some results during those workshops and plans
 - I'd say that this essentially fits the “During Spring...” of slide 2
- Other frontiers of course planning workshops
 - Would be nice to collect some key dates from at least e.g. Instrumentation Frontier; big workshops are likely to be announced before end of the year
- Smaller workshops will keep happening...
 - e.g. Snowmass2021 AF1 Physics limit of ultimate beams workshop
Session 1 Dec. 3, 2020, 3pm-5pm(Chicago time)
 - Focus on very high energy collider options