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# Monthly Snowmass Newsletter

June 2020

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Organization and activities of Snowmass 2021 are available on the [Snowmass wiki page](#). This page will direct you to various pages including the [calendar page](#) with schedules of workshops and meetings, the frontier pages with organization, activities, listserv mailing lists and Slack channels of frontier and topical groups, and [core principles and community guidelines](#) developed by the DPF Ethics Task Force. We encourage community members to participate in discussions on Slack frontier or topical group channels and to submit [Letters-of-Interest](#) (LOIs) and [Contributed Papers](#).

## Energy Frontier

The Energy Frontier is organized into ten Topical Groups focusing on both Standard Model and Beyond Standard Model physics. Conveners for each Topical Group and Frontier-to-Frontier Liaisons are now in place. The topical groups have started meeting regularly, with 100+ attendees and subscriptions to the communication channels. A virtual **Kick-off Meeting of the Energy Frontier** was held on [May 21, 2020](#). The meeting focused on physics goals, survey of existing studies, new ideas and opportunities for contributions, as well as overall EF organization, and communication channels. The meeting included an introductory presentation from EF conveners and in-depth talks from topical group conveners, followed by lively discussions. We were delighted to see a broad community participation with about 500+ attendees and 300+ members joining at the peak time, including active participation from young scientists. The **upcoming EF workshop on Wed-Fri July 8-10, 2020** will focus on community input and collating open questions and new ideas for physics with current and future colliders.

## Neutrino Frontier

There are ten topical groups in the Neutrino Frontier, and all topical conveners are now in place. The liaisons between the Neutrino Frontier and other Frontiers are nearly all in place as well. We have begun regular bi-weekly topical convener meetings. Minutes will be available on the [Indico page](#). We are planning a **Neutrino Town Hall** by Zoom, July 17, 10 am - 1 pm US Eastern, as our first community meeting. Format, content and connection details will be communicated on the mailing list and on Slack in the next several weeks. Additional topical group meetings, as well as a Neutrino Frontier meeting to take place in February or March 2021, are in the works. Please contact the Frontier conveners if you have interest in hosting the meeting.

## Rare Processes and Precision Measurements Frontier

We have had our first meeting with twelve conveners of our six topical groups. The topical groups are already in contact with both experimenters and theorists. We are soliciting community input via LOIs and white papers (and already receiving drafts and questions). We are planning Topical Group meetings

starting in September and preparing for a Frontier-wide workshop in March (bids to host the meeting are welcome, details will be available on our wiki page soon).

### Cosmic Frontier

We have had a first organizational meeting with Cosmic Frontier topical conveners who are responsible for the 7 topical groups. Please contact the topical conveners directly if you plan on submitting an LOI. The LOI's, or even notification of the intent to submit a letter-of-interest will help us organize the groups. The current plan is to have workshops in early 2021. Please contact us if you have questions/suggestions, and we will discuss in our bi-weekly meeting.

### Theory Frontier

We have had our first organizational meeting with the conveners of our ten topical groups. The liaisons to the other Frontiers are almost all set up. We are soliciting community input via white papers, and are planning a Theory Frontier workshop in the spring of 2021 at the KITP. Slack channels and email lists are being set up and will be listed on the wiki page.

### Accelerator Frontier

All Topical Group Convener slots for Accelerator Frontier (AF) have been filled in April and active work has begun. One general meeting took place in April, and another one is scheduled for May 27. DPB has sent the Snowmass AF announcement and solicitation to submit LOIs in early May, that was followed by the communications via other channels, such as IEEE, US Particle Accelerator School, and the EPS-Accelerator Group. Topical Group conveners started targeted distribution of the LOI templates and invitations to submit to specific teams and individuals representing various machines, topics of interest. All Topical Groups have had at least one meeting. We are planning AF own meetings and conferences as well as plan to use various other opportunities. E.g., series of the DOE OHEP GARD-ABP Roadmap planning Workshops were used to start the AF1 (Accelerator Science Education and Outreach) group work, the AF1 kick-off meeting has taken place on May 21. We also intend to have meetings and discussions of various topical groups at the Neutrino 2020 (June 22-July 2), EF Workshop (July 9-10), HB2020 (Oct 5-9), etc.

### Instrumentation Frontier

All the topical groups and liaison are in place and announced to the community. We had the second all conveners meeting, and started planning the first workshop and engaging the community for input (LOI/Contributions). The workshop will take place on June 19. Details to be announced.

### Computational Frontier

We have our topical group conveners set up, and have almost completed appointment of liaisons to other Frontiers. Interested people should sign up with groups that interest them. All the conveners and liaisons are meeting bi-weekly to plan our activities.

### Underground Facilities and Infrastructure Frontier

We welcome Laura Baudis (University of Zurich) as an additional UF co-convener. We are currently developing UF topical convener group and liaisons.

### Community Engagement Frontier

We had the first topical group conveners' meeting on May 1. Since then, the Community Engagement (CEF) topical groups have started their meetings and discussions. At our CEF conveners' meeting on May 29; we discussed, among other things, options to encourage participation from the larger community (through surveys and virtual town hall meetings). We are planning a mini-workshop to discuss the scope, boundaries and common items of each CEF topical group, to be followed by a Townhall meeting which will start the process of gathering broad Community-wide input to the determination of CEF directions.

### Snowmass Early Career

We have received over 150 nominations for Snowmass Early Career (formerly Snowmass Young) representatives so far, which shows the strength of the interest from early career members in the Snowmass process! We held a forum to gather community input on the goals and nominations for Snowmass Early Career leadership. We plan to hold a few meetings with all the nominees to identify key tasks, goals, and leadership positions for Snowmass Early Career. After these meetings, nominees will have an opportunity to accept or decline their nominations.

### Ethics Task Force

The DPF Ethics Task Force has drafted a set of core principle and community guidelines (CPCG) aimed at governing DPF sponsored activities, including all facets of the Snowmass Process (e.g., remote and in person meetings, and all slack workspaces). A first complete draft can be found [here](#).

We are inviting the community to provide comments and suggestions on the proposed CPCG and raise any questions or concerns. After considering all comments, we will publish a more definitive version of the CPCG by June 15 (in two weeks). Expectations are, however, that the CPCG will be a living document that will be constantly improved upon as the circumstances dictate. Therefore, input from the community is welcome any time after June 15, and will be examined periodically.

Comments will be collected in the [CPCG](#) through the google doc comment function and through [this form](#). This feedback will be read and reviewed by the members of the DPF Ethics Task Force. Comments may be signed or anonymous. We ask that the comments to the CPCG follow the spirit of the CPCG and that the commentators keep in mind that our goal here is to improve on the CPCG. We look forward to your input in crafting our community's principles and guidelines!