

January 2025 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for January 2025. This newsletter will be archived on the [DPF website](#). If you would like an announcement included in the February 2025 newsletter, to be sent out around mid-January, please contact the DPF Secretary/Treasurer, Ken Bloom. Please keep requests to 300 words and submit them by the **10th of the month** for consideration.

Best regards,

Kenneth Bloom, DPF Secretary/Treasurer, kenbloom@unl.edu

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Message from the new DPF Chair

Welcome to a new year with DPF.

We'd like to thank Heather Gray, Kendall Mahn and Saptaparna Bhattacharya for their service on the executive committee and welcome new members Nathaniel Craig, Sarah Demers, Samuel Homiller and the first student member, Olivia Bitters. Special thanks to outgoing past-chair Sekhar Chivukula and outgoing secretary treasurer Tulika Bose. Tulika has agreed to become past-secretary-treasurer and help incoming secretary-treasurer Ken Bloom learn the complicated ropes of APS. Hitoshi Murayama will be joining us as vice-chair. Outgoing chair André de Gouvêa will still be part of the team for another year as past-chair.

What does DPF do?

DPF organizes the DPF series of conferences and the ~30 HEP sessions at the annual APS meeting. DPF is my favorite conference - it's big but not too big - and, because it is generally hosted by universities with dorm rooms, is much less expensive than the big hotel conferences. It also attracts many more early-career scientists, students and faculty from smaller colleges. **We're actively inviting proposals to host the next DPF meeting in the summer of 2026.**

DPF plays a national role in advocacy for high energy physics and convenes several advisory panels. The Coordinating Panel for Advanced Detectors (CPAD) has been in existence for many years. This year we will be standing up a similar panel for computing as recommended during the Snowmass process in 2022. We also collaborate with many of the other APS divisions on joint projects.

Finally, one issue for our field is broad communication, we all have contact lists for our close colleagues but reaching everyone across the field is quite difficult. DPF does send newsletters and alerts to our membership through APS, but we also maintain a **Slack instance** at Snowmass2021.slack.com that is not restricted to DPF members and useful for quick notices and subgroup communications. You can request access at: [this form](#). Your membership helps pay for that Slack instance as a service to the field, as well as supporting Snowmass and the DPF meetings and student travel support. **Please encourage your colleagues to join DPF!**

Heidi Schellman, incoming Chair

Message from the DPF Secretary/Treasurer

Dear colleagues,

It is an honor to serve you and the Division of Particles and Fields as Secretary/Treasurer for 2025-27. Please join me in thanking Tulika Bose for her leadership in this role during the previous three years. She has left things in great shape for me and I am sure that we will carry on the business of the division without disruption.

I'm glad that you are reading this newsletter, as a distinct minority of DPF members actually do. I welcome your ideas for how we can improve communications with our colleagues. What information do you want to receive from DPF, and how do you want to get it? What's the best way to reach more junior members of the division?

I also want to hear your ideas about how we can grow our membership. As particle physicists, we will have greater influence in APS, and thus greater influence on science in the US, if we can grow. What will motivate your colleagues to join DPF? (This would be a great time to ask the person in the office next to yours if they are a DPF member.)

I look forward to working with you in the coming years.

Best wishes,

Ken Bloom

Save the date: February 27, 2025 forum on European Strategy Update

DPF and DPB will be hosting an online Forum on February 27th for groups submitting white papers for the European Strategy for Particle Physics Update (ESPPU). Please mark your calendar, we will be sending more details soon. If you have questions, please contact dpfstrategy@fnal.gov.

The DPF is helping US groups organize **US input to the European Strategy for Particle Physics Update**. Every 6-7 years the European Committee for Future Accelerators (ECFA) and CERN launch a multi-year strategic planning process analogous to the Snowmass/P5 process in the US. They are inviting white papers for submission by March 31, 2025 to be followed by national summaries before May 25, 2025.

See (<https://europeanstrategyupdate.web.cern.ch>, and https://europeanstrategyupdate.web.cern.ch/sites/default/files/Guidelines-input-call-March_2025.pdf) for more information.

DPF encourages efforts in the US to submit white papers and/or to participate in the development of white papers with their European collaborators. **We plan to offer an online US Forum on Feb 27, 2025 for interested groups to present their white papers to the US community for feedback.** We are currently forming an organizing committee for that forum. **We request that those preparing US white papers inform us at dpfstrategy@fnal.gov** so that we can assist. More information and registration for the meeting will become available by mid-late January. The forum will be a chance for us all to hear about the breadth of exciting future projects proposed in our field.

Call for proposals for 2026 DPF Meeting [Deadline: Jan 31, 2025]

Dear Colleagues,

The APS Division of Particles & Fields (DPF) is accepting proposals to host the 2026 DPF Meeting. This is the main biennial meeting of the U.S. particle physics community, and it includes substantial international participation.

The DPF Meeting brings the particle physics community together to review results and discuss plans and directions for the field. It is an opportunity for attendees, including early-career scientists, to present their research and their latest findings. Participants also have the opportunity to interact with DOE and NSF representatives and discuss funding opportunities.

The 2024 DPF meeting was organized by the University of Pittsburgh and Carnegie Mellon University (<https://indico.cern.ch/event/1358339/>), with 596 registered participants. It was held jointly with the annual Phenomenology Symposium.

Before that, the 2021 DPF meeting was held remotely and was organized by Florida State University (<https://indico.cern.ch/event/1034469/>), with 944 registered participants. The 2019 meeting was organized by Northeastern University (<https://indico.cern.ch/event/782953/>), with 504 registered participants, and the 2017 meeting was organized by and held at Fermilab (<https://conferences.fnal.gov/dpf2017/>), with 687 registered participants.

The next DPF meeting will take place in 2026, preferentially between late Spring and early Summer. The meeting is expected to be 4.5 days long, including plenary and parallel sessions and a poster session. The preferred format is an in-person meeting with a remote option that allows access to at least the plenary sessions.

Proposals should include (some items do not apply in case of proposals for a remote-only meeting):

- a) The proposed meeting dates.
- b) A description of the meeting format. Are you planning an in-person-only meeting, a hybrid in-person/remote meeting, or a remote-only meeting? If you are proposing a hybrid meeting, please provide information on the possibility of streaming plenary and/or parallel sessions. Are remote plenary/parallel speakers allowed/possible/encouraged? How do you plan to support the logistics associated with remote sessions?
- c) Meeting rooms, including their capacity. These should include a big lecture hall for plenary sessions as well as the ability to accommodate at least 10 parallel sessions at any given time.
- d) A budget and proposed registration fee.
- e) The extent to which your institution will help international attendees obtain visas.

- f) The capability of your Institution to send formal invitations to those attendees who need them.
- g) What is the procedure for a visitor to obtain permission to enter the site? How long does it take for US and for non-US visitors? Are any categories of people excluded, and if so, which?
- h) Food service availability for lunch and breaks at a convenient distance from the meeting venue.
- i) Please provide a list of lodging facilities near the venue, together with the current cost per night. The ability to provide low-cost lodging for early-career members of the community (taking advantage of, for example, university dorms) is especially desirable.
- j) Cost and modes of transportation from nearby airports to the meeting venue, from lodging to the meeting venue, and from lodging to food service.
- k) The availability of staff to help with registration, breaks, logistical problems, etc.
- l) The availability of a Local Organizing Committee of appropriate size to address the logistics of a meeting of several hundred participants.
- m) The ADA compliance and accessibility of the conference venues.
- n) Your institution's experience and connections with services that provide closed-captioning. The DPF and funding agencies will work to provide funding for those services, but local connections are invaluable in planning.
- o) The availability of wireless networking capable of handling at least 700 scientists and their multiple devices.
- p) A description of previous experiences supporting conferences.
- q) The logistics of day care provisions in the local area for those bringing children.
- r) Any other information you find pertinent and would like to share with the DPF executive committee.

The deadline for proposals is **January 31, 2025**. Interested parties are encouraged to initiate informal discussions with the DPF Executive Committee and submit an expression of interest at any point before the deadline.

We are looking forward to your participation in this call for proposals and are happy to respond to any questions or concerns.

Best regards,

André de Gouvêa, DPF Chair