November 2026 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for November 2026. This newsletter will be archived on the DPF website. If you would like an announcement included in the December 2026 newsletter, please contact the DPF Secretary/Treasurer. Please keep requests to 300 words and submit them by the **10th of the month** for consideration.

DPF is the primary community organization for particle physicists in the United States. You can directly support our activities by **making a donation** at this link.

DPF supports a Slack instance to facilitate more rapid communications. You can join via this link.

Best wishes,

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

Next community meeting: December 3-4, 2026
DPF committee on AI in theoretical physics now formed
The SAIR Prize: nominations open
USMCC 2026 Meeting at Stanford/SLAC, December 13-16
US LHC Users Association Annual Meeting, January 21-23, 2027

Next community meeting: December 3-4, 2026

Registration is open for the joint DNP/DPF community meeting, at https://indico.global/event/19221/overview. Please note some substantial changes in the format since the last meeting. The time allocated to plenary talks invited by the DNP/DPF chair line is substantially shortened. Instead, there is much more time for contributed talks, via submitted abstracts. The chair lines will choose from the submitted abstracts for those sessions. **Abstracts are due on November 16, 2026.**

For this upcoming meeting there are two types of contributed talks. For one, following the lead set by Fermilab Director Norbert Holtkamp at DPF26, we ask members to talk about “voice of the community": What is its purpose, its roles? How does it gain legitimacy? What are its responsibilities? Why? Four submissions will be selected (from both DNP and DPF submissions).

The second type of talk is a "flash" talk. These are 2 minute, one-slide talks on new ideas or areas/concerns for our physics that you want to bring to the community's attention. From both DNP and DPF, 20 talks will be selected.

In addition, for the longer plenary session talk (Thursday last session for DPF), we invite members of the community to email DPF chair Sarah Eno eno@umd.edu for suggestions of talks. Please note that registration is required to receive the zoom link.

DPF committee on AI in theoretical physics now formed

We are happy to announce the membership of the DPF ad hoc committee on particle theory and AI. The chair is Lance Dixon (SLAC). The other members are Csaba Csaki (Cornell), Patrick Draper (UIUC), David Shih (Perimeter), Ethan Neil (Colorado), Cindy Keeler (ASU), Hirosi Ooguri (Caltech), Steve Mrenna (FNAL). Their first presentation will be at the December community meeting. We hope the community can work with this committee, and share with them their thoughts on this issue, to ensure their productive work on this important topic.

The SAIR Prize: nominations open

The Foundation for Science and AI Research has launched the SAIR Prize, the first major prize dedicated to AI achievements in physics and astronomy. It recognizes early-career scientists (under 40, as a guideline) working in the United States, in academia, industry or government, whose AI-driven work has already verifiably advanced physics or astronomy. It rewards completed achievement and does not fund proposals. The prize carries $100,000 each year, shared by up to three recipients.

Anyone may nominate, and candidates may nominate themselves. An independent committee selects the recipients. Its first members are Steven Chu (Stanford), Kyle Cranmer (UW–Madison) and Andrew Connolly (University of Washington). Barry Barish, Nobel laureate in Physics, presents the prize and does not select. Nominations close January 10, 2027, and recipients are announced in April 2027.

Details and nominations: https://sair.foundation/prize
Questions: milo@sair.foundation

USMCC 2026 Meeting at Stanford/SLAC, December 13-16

Registration is now open for the USMCC 2026 Meeting at Stanford/SLAC, Dec 13-16

- More details at: https://indico.muoncollider.us/e/usmcc2026
- Will continue a tradition of exciting meetings where we can learn about the challenges, share new work, and form new partnerships.
- This will be followed by the IMCC Demonstrator Workshop Dec 16-18 at SLAC. Details soon.
- On Wednesday Dec 16, there will be a poster session at SLAC followed by SLAC lab tours. We encourage community members at all ranks to consider presenting a poster — submit an abstract on indico's "Call for Posters"
- On Sunday Dec 13, we're hosting an HEP Alumni Reunion event. Invite your friends and old collaborators to attend. Poster presenters are invited to also present at this industry mixer: https://hepalumni.muoncollider.us

US LHC Users Association Annual Meeting, January 21-23, 2027

Dear Colleagues,

Please **save the date** for the special US LHC Users Association annual meeting event, "The Interaction Point: US LHC & Future Collider Horizons", Thursday - Saturday January 21-23 at the beautiful Johns Hopkins Bloomberg center in Washington DC, steps from the Capitol.

A link to the website where you can register, find the detailed agenda and additional information about the meeting is at:

https://indico.cern.ch/event/1701592/

Early career members of our community are especially encouraged to attend in person. We are now positioned to provide funds for travel support for as many early career participants as possible.

A day on the Hill to visit Congressional and Executive Branch Offices on January 20 also is under consideration.

The agenda Thursday-Friday includes a keynote and sessions on Scientific Breakthroughs at the LHC, the Future of the Energy Frontier, Future Collider Paths, Technology Innovations Enabled by Collider Science, a Science Policy session and Panel, and a Public Lecture. The Saturday agenda includes sessions on USLUA activities including from the USLUA Government Relations Committee, as well as reports on education and outreach, undergraduate research programs, and sessions focusing on key issues and concerns of early-career researchers.

A highlight of the meeting is a series of Lightning Round sessions for students and early-career postdocs to present their work. The best presenters will be invited to join the 2027 DC trip to Congress, the Executive Branch, and funding agencies, recognizing that early career physicists and students are often among our most effective advocates.

We are grateful to Andrei Gritsan, the Johns Hopkins HEP group and staff, and the Bloomberg Center staff, for kindly hosting our meeting.

We are looking forward to an exciting, highly informative meeting, and to seeing many of you there.

Best regards

Harvey Newman, Caltech
US LHC Users Association Executive Committee Chair

Andrei Gritsan, JHU
Nexus Award PI and Organizing Committee Lead

Steve Goldfarb, Melbourne and Laura Bruce, Arizona
US LHC Users Association Annual Meeting and Events Committee Co-Leads