

## December 2018 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for December 2018. This newsletter will be archived on the [DPF website](#).

If you would like an announcement included in the January newsletter, to be sent out around January 15th, please contact the DPF Secretary/Treasurer. The new DPF Secretary/Treasurer, Mirjam Cvetic, will take over on January 1, 2019 . Please keep requests to 300 words and submit them by the **10th of the month** for consideration.

Kate Scholberg, Secretary/Treasurer, [schol@phy.duke.edu](mailto:schol@phy.duke.edu)

Rick Van Kooten, Member-at-Large, [rvankoot@indiana.edu](mailto:rvankoot@indiana.edu)

Elizabeth Worcester, Member-at-Large, [etw@bnl.gov](mailto:etw@bnl.gov)

1. Update on DPF submission to ESG
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### 1. Update on DPF submission to the ESG

Please see the [August 2018 newsletter](#) for information on the content and timeline for the DPF white paper submission to the European Strategy Group (ESG). The deadline for feedback on the draft of the submission has now passed, and community feedback is being incorporated by the editing group. The document is being split into two, “Science Drivers”, and “Tools for Particle Physics”. It will be submitted to the ESG on December 17.

The US representative endorsed by the CERN Council to the Particle Physics Preparatory Group (PPG) for the European Particle Physics Update (EPPSU) is Marcela Carena of Fermilab. The main task of the team is to prepare the documentation for the deliberations of the ESG on the update of the European Strategy for Particle Physics, based on input received from the community. The latter will be debated during the Open Symposium (OS) which will take place in Granada, May 13-16, 2019. The PPG is responsible for the programme of the OS. The submission of inputs will be closed on December 18, 2018. On July 13, 2019, there will be a window of opportunity to confront the conclusions of the OS with a wide audience at the special ECFA-EPS session of the EPS2019 conference in Ghent (July 10-17, 2019). The briefing book

with all the submitted inputs and the summaries of the OS debates have to be ready for the ESG by September 2019.

## **2. New DPF Executive Committee Members**

On January 1, 2019, [several newly-elected members of the DPF Executive Committee](#) will take office: Tao Han will take over as Vice Chair, Young Kee Kim becomes Chair-Elect, Prisca Cushman becomes Chair, Joe Incandela becomes Past Chair, and Marcela Carena will finish her term in the Chair line. Mirjam Cvetic will take over from me as Secretary/Treasurer, André de Gouvêa and Natalia Toro will replace Aida El-Khadra and Josh Klein as Members-at-Large. Continuing Members-at-Large are Tulika Bose, Bob Tschirhart, Rick Van Kooten and Elizabeth Worcester. Fernanda Psihas will take over from Ben Carlson as Early Career Member. Elizabeth Simmons will continue as Division Councilor.

As a personal note, it has been a pleasure to serve for the past three years. Thanks to outgoing members, and the DPF is in good hands as we move towards the next Snowmass.

Kate Scholberg  
Outgoing Secretary-Treasurer

## **3. 2019 DPF Meeting at Northeastern University**

The DPF Executive Committee is pleased to announce that Northeastern University in Boston has been chosen as the site for the 2019 DPF meeting. Dates and further details are to be announced.

## **4. DOE HEP Permanent Program Manager Position for Intensity Frontier**

The Department of Energy (DOE) Office of High Energy Physics (HEP) anticipates posting a Job Announcement for a permanent program manager in Intensity Frontier Experimental Research early in 2019.

These positions are critically important to the stewardship of the national high energy physics program. The successful candidate in this position will serve as a program manager and a scientific authority for the Office in areas of experimental particle physics intensity frontier research, and as such, has the responsibility to plan, coordinate, implement, and evaluate research programs and projects in this field on a national and international level.

Per DOE hiring practice, the announcement will only be open for a very short time, so timely identification of possible candidates and submission of applications is critical. When available, the job announcement will be posted on [www.USAJobs.gov](http://www.USAJobs.gov) and links will also be available on

the DOE HEP website at <https://science.energy.gov/hep/>. The U.S. Department of Energy fosters a diverse and inclusive workplace and is an Equal Opportunity Employer.

Additional requirements and further information about this position will be available in the official posting. Interested parties can also contact Dr. Glen Crawford, Director, DOE HEP Research and Technology Division, at [glen.crawford@science.doe.gov](mailto:glen.crawford@science.doe.gov)

## 5. DPF Grad Slam at the APS April Meeting

DPF Grad Slam is an APS DPF sponsored competition designed to showcase graduate student research in three-minute talks.

Eligibility: All graduate students who are DPF members and have submitted abstracts for the 2019 APS April meeting.

Visuals: PowerPoint slides with maximum of a few slides. In cases of collaborative research, the presenter's contribution to the project must be salient and clearly specified.

Timing: Timing will commence from the moment the student starts talking. Speakers will be cut off at 3 minutes.

Judging: Judging in the preliminary rounds will be conducted by a panel of DPF members (faculty members / lab scientists, postdocs and students) via video in March. Sixteen finalists will compete live before a second panel and April meeting participants during lunch time on Saturday and Sunday, April 13-14.

Presenters are judged on the basis of having a clear and effective presentation that has demonstrable intellectual significance. A score between 1 point (poor) and 5 points (excellent) will be used for each of the following criteria. The total maximum score will be 30 points.

- *Clarity*: Did the speaker provide adequate background knowledge to make the talk and the importance of the project understandable?
- *Organization*: Did the presentation follow a clear and logical sequence?
- *Delivery*: Pace, enthusiasm, confidence, body language, eye contact, vocal range, etc.
- *Visuals*: Did the slides enhance the presentation and help to emphasize the primary points of the talk? Were the slides well-designed, clear, legible, and concise?
- *Intellectual Significance*: Did the speaker explain why her/his project matters (for example, its significance to the field of particle physics)?
- *Engagement*: To what extent did the talk speak to your intellectual curiosity? Did it make you want to learn more about the topic?

Winners: Three winners will receive certificates and 2020 APS memberships.

More info including the application process will be posted at <https://sites.google.com/view/dpgradslam/home> in January 2019.

## **6. Launch of 2019 GIRA Award**

Dear Colleagues,

Once again this year, the Graduate Instrumentation Research Award (GIRA) sponsored by the DOE Office of High Energy Physics will offer a unique opportunity to graduate students to pursue research in experimental high energy physics and related instrumentation. The call is now open, as of 15 November 2018, with the application deadline on 15 February 2019. Please encourage your graduate students to apply!

Further details can be found at <http://detectors.fnal.gov/gira/>

Best Regards,

The 2019 GIRA selection panel (gira@fnal.gov)

M. Artuso, J. Asaadi, R. Guenette, D. McKinsey

## **7. Ozaki Exchange Program**

In honor of Dr. Satoshi Ozaki, a new program (Ozaki Exchange Program) has been established to encourage and fund the exchange of graduate students between the United States and Japan. The program, funded jointly by the U.S. and Japan, will strengthen U.S.-Japan scientific collaboration and in particular facilitate greater cooperation in the areas of accelerator and particle physics in projects of mutual benefit to Japan and the U.S. All graduate students enrolled -- or undergraduate students already accepted for enrollment -- in accredited Japanese or U.S. physics Ph.D. programs are eligible to submit a proposal. The application process for U.S. students will be managed by Brookhaven Lab (<https://www.bnl.gov/ozaki/>) and that for Japanese students will be managed by KEK ([https://www2.kek.jp/kokusai/us\\_japan/ozaki\\_exchange\\_program/](https://www2.kek.jp/kokusai/us_japan/ozaki_exchange_program/)). The deadline for application is January 15, 2019.

## **8. DPF Membership**

If you are reading this, you are likely a DPF member already, and you already know that the DPF drives the U.S. particle physics community planning process, connects to other divisions and to a broader international community, and provides networking and resources for its members (for example, student travel support to meetings). The more DPF members we can engage, the more APS resources we have access to, and the stronger our community will be. International members are very welcome.

Please forward the information below to your students and colleagues. Information on how to check unit membership is included.

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APS Unit Membership Information

Here are general benefits of APS membership:

<http://www.aps.org/membership/benefits.cfm>

If you are not an APS member, you can join here:

<https://www.aps.org/memb-sec/join/startpage.cfm>

Students can join at a reduced rate, and for free for their first year:

<http://www.aps.org/membership/student.cfm>

If you are already an APS member, and you are not sure if you are also a DPF member, you can check whether you are by doing the following:

Go to the member page:

<https://www.aps.org/membership/index.cfm>

Sign in at “My member profile”, and click on the “membership” tab. To add a unit, click on the “Add Unit” button.