

September 2018 DPF Newsletter

Dear DPF members,

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

If you would like an announcement included in the October newsletter, to be sent out around October 15th, please contact the DPF Secretary/Treasurer. 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

Rick Van Kooten, Member-at-Large, rvankoot@indiana.edu

Elizabeth Worcester, Member-at-Large, etw@bnl.gov

1. Input for the DPF whitepaper submission: due October 8, 2018
2. Bids for next DPF meeting: due December 1, 2018
3. DPF election reminder: please vote!
4. Interplay Between Particle and Astroparticle physics (IPA) 2018 in Cincinnati, October 8-12, 2018
5. 2018 CEPC Workshop at IHEP, November 12-14, 2018
6. Magnificent CEvNS workshop, Chicago, November 2-3, 2018
7. DPF membership drive: contact your students and colleagues!

1. DPF submission to the European Strategy Group

Input for the DPF whitepaper submission to the ESG are due October 8, 2018. Please see the [August 2018 newsletter](#) for more detailed information

2. DPF meeting bids

The deadline for receipt of proposals for hosting the next DPF meeting is December 1, 2018. Please see the [August 2018 newsletter](#) for more detailed information.

3. DPF election

The DPF election opened on September 1, and will remain open for 6 weeks. If you were a DPF member on around August 31, you should have received an email ballot from directvote.net. Please vote! The candidates can be found [here](#).

4. Interplay Between Particle and Astroparticle physics 2018

We would like to announce the IPA 2018 (Interplay between Particle and Astroparticle physics) conference that will take place October 8-12 in downtown Cincinnati, OH.

<https://indico.cern.ch/event/707123/overview>

The IPA2018 conference will bring together experimentalists and theorists working in areas of dark matter, dark sectors, collider physics, cosmic rays, neutrino physics, flavor physics, inflation, early cosmology, gravitational waves, etc. This is the 3rd conference in a series, for the first time in the USA (previous workshops were in London, IPA2014, and Paris, IPA2016).

We are making a special effort to give visibility to the research of graduate students. There are several plenary slots dedicated to student talks, which will give the students an opportunity to present their work in front of an international audience of experts. Please encourage students to apply and participate.

Best regards
Jure Zupan for the organizers

5. 2018 CEPC Workshop

Dear colleagues,

We would like to draw your attention to *The 2018 International Workshop on the High Energy Circular Electron Positron Collider (CEPC)* scheduled for November 12-14, 2018 at the Institute of High Energy Physics in Beijing, China.

Following previous successful workshops in this series, this workshop aims at gathering scientists around the world to explore the physics potentials of the CEPC through the precision measurements of the Higgs, W and Z boson properties, review accelerator and detector conceptual designs, pursue international collaborations for accelerator and detector optimizations as well as for R&D of critical technologies, and to develop initial plans towards the technical design reports. The high energy Super proton-proton Collider (SppC), a possible upgrade path of the CEPC, will also be discussed. Furthermore, industrial partnership for technology R&Ds and industrialization preparation of the project will be explored.

We encourage a broad participation to the workshop and contribution to the development of both accelerator and experiment by the international community. In particular, a new organization for the preparation of the technical design reports will be discussed at the workshop. We welcome suggestions of people to help organizing the scientific program of the

workshop and to shape the future organization of the project. An international scientific program committee will be formed shortly. More information about and registration for the workshop can be found at

<https://indico.ihep.ac.cn/event/7389/>

We recommend interested people to register early. There is no registration fee. Submissions of abstracts are also encouraged. Please email cepcws2018@ihep.ac.cn if you have questions about the workshop.

The Local Organizing Committee

6. Magnificent CEvNS Workshop

“The Magnificent CEvNS”, a workshop exploring coherent elastic neutrino-nucleus scattering, will be held November 2-3, 2018, at the Physics Research Center, University of Chicago, Chicago, IL USA.

<http://kicp-workshops.uchicago.edu/2018-CEvNS/program.php>

7. 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.

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.