

## March 2020 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for March 2020. This newsletter will be archived on the DPF website. If you would like an announcement included in the April newsletter, to be sent out around April 15th, please contact the DPF Secretary/Treasurer. Please keep requests to 300 words and submit them by the **10th of the month** for consideration.

Mirjam Cvetič, Secretary/Treasurer, [cvetic@physics.upenn.edu](mailto:cvetic@physics.upenn.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)

Snowmass News .....	2
New Lead Editor of Physical Review D.....	3
Submit your nominations for the 2020 APS Fellowships.....	4
Neutrino 2020 .....	5
Phenomenology 2020 Symposium (PHENO 2020) .....	6
LoopFest XIX .....	7
TASI-2020 .....	8
XIV International Conference on Interconnections between Particle Physics and Cosmology (PPC2020) ....	9
2020 MCnet-CTEQ Summer School.....	10

## Snowmass News

The Division of Particles and Fields of the American Physical Society announces the date and time of a virtual Town Hall Meeting for the HEP Community Planning Exercise (a.k.a. “Snowmass”) and the site and dates of the 2020 kick-off meeting “Snowmass Planning Meeting”.

Virtual Town Hall Meeting and Input to the Process: We aim for everyone’s voice to be heard. Due to the cancellation of the in-person APS April Meeting, a Town Hall meeting will take place at the original schedule (5:30 pm – 7:00 pm EDT on Saturday, April 18) by ZOOM (details later). We will provide a status report and receive your feedback. You are also welcome to provide input and suggestions on Slack (<https://snowmass2021.slack.com/>). The Snowmass wiki is being revamped and will have pages dedicated to each frontier. It will become public in April 2020. We encourage early career scientists to join the “Snowmass Young” mailing list ([snowmass-young@fnal.gov](mailto:snowmass-young@fnal.gov)) by emailing to [listserv@listserv.fnal.gov](mailto:listserv@listserv.fnal.gov) with the body of the message “Subscribe snowmass-young YOUR NAME” and with no subject.

Snowmass Planning Meeting and Workshops: The Snowmass Planning Meeting will take place on November 4 – 6, 2020 at Fermilab, and will be modeled after the successful planning meeting in 2012 (<https://indico.fnal.gov/event/5841/#20121011>). At this meeting and future workshops, we will have a special session to discuss APS efforts for openness and the importance of open international collaboration. We will work with frontier conveners to choose workshop locations that will maximize "inclusiveness" based on accessibility and economic consideration. For all the meetings and workshops, we will make sure that we are inclusive to those who participate remotely.

Topical Groups: Frontier conveners (<https://snowmass21.org/start/conveners>) are working on finalizing the sub-groups (“topical groups”) within their frontiers. Sub-conveners of topical groups are guided by, but not strictly limited to, nominations that were collected from the community during the original convener nomination process and are approved by the Snowmass Steering Group (<https://snowmass21.org/start/steering>).

Letters of Interest: We will invite a first round of Snowmass “letters of interest” which are short (up to 2-page summaries plus bibliography) between May 1, 2020 and August 31, 2020. The submission instructions will be provided early April. The purpose of these documents is to help the conveners to organize the process. We will invite a second round of Snowmass “white papers” at a later time.

Sincerely,  
Young-Kee Kim (DPF Chair)  
Tao Han (DPF Chair-Elect)  
Joel Butler (DPF Vice-Chair)  
Priscilla Cushman (DPF Past Chair)

## New Lead Editor of Physical Review D

I would like to greet the DPF Community as the newly appointed Lead Editor of Physical Review D, and I would especially like to thank Erick Weinberg for his tremendous service to the DPF community as the Lead Editor for the past 23 years. They are very big shoes to fill, indeed.

I am humbled and honored to be appointed to this position and I am looking forward to working with its dedicated staff and the Editorial Board of Physical Review D to advance its key role as the premier journal of the broad High Energy community, extending in fields from Theoretical High Energy Physics, including Formal Theory, to the broad fields of Experimental High Energy Physics and Astrophysics.

I would like to remind and encourage all my colleagues in the DPF community to consider publishing their high-quality research in Physical Review D and help increase its visibility as a top-rated, non-profit journal of the American Physical Society. I would also very much appreciate the DPF community's suggestions for improvements, also stemming from your experience with the journal and as prominent researchers in your respective fields. You can contact me at [cvetic@physics.upenn.edu](mailto:cvetic@physics.upenn.edu)

Thank you in advance!

Mirjam Cvetič

## Submit your nominations for the 2020 APS Fellowships

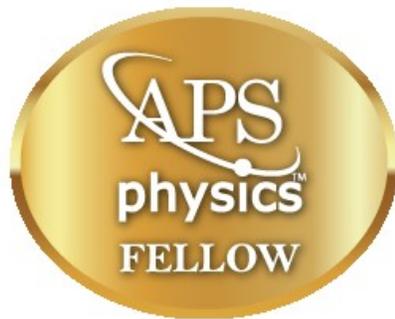
Deadline: **1 April, 2020**

The APS Fellowship Program was created to recognize members who may have made advances in physics through original research and publication or made significant innovative contributions in the application of physics to science and technology. They may also have made significant contributions to the teaching of physics or service and participation in the activities of the Society.

Fellowship is a distinct honor signifying recognition by one's professional peers. Each year, no more than one half of one percent of the Society's membership (excluding student members) is recognized by their peers for election to the status of Fellow of the American Physical Society. The DPF Fellowship committee is receiving nominations for the 2020 DPF Fellows now, and the deadline for submission is April first.

The nomination procedure is straightforward and can be found here:

<https://www.aps.org/programs/honors/fellowships/>



## Neutrino 2020

June 22-27 in Chicago, Illinois, USA  
Poster Abstract Deadline: **1 April, 2020**  
Registration Deadline: **20 May, 2020**

The [XXIX International Conference on Neutrino Physics and Astrophysics \(Neutrino 2020\)](https://conferences.fnal.gov/nu2020/) will be held June 22-27 in Chicago. Early bird registration for the conference closes on February 28. Hotels will be in very high demand in downtown Chicago during the summer, so conference participants are strongly encouraged to book at the special reduced rate at the [Hyatt Regency Chicago](#) as early as possible. The scientific program will consist of invited plenary talks and contributed poster presentations covering a broad range of topics in neutrino physics. Poster abstract submission is now open. Further information on registration, poster abstract submission, accommodations, visas, financial support, and other details can be found on the conference website: <https://conferences.fnal.gov/nu2020/>.

*The organizers of Neutrino 2020 are paying close attention to the global and local impacts of COVID-19. We are presently considering a range of options including hosting the conference in Chicago if the situation allows, postponing the conference, organizing a remote-only event, or canceling the conference. No decision has been made at this point. Thank you for your patience and understanding.*

### Key dates:

- \* **February 28:** early bird registration deadline
- \* **March 15:** financial assistance application deadline
- \* **April 1:** poster abstract deadline
- \* **May 20:** registration closes

Sincerely,  
Steve Brice, Marvin Marshak, Sam Zeller  
for the Neutrino 2020 Local Organizing Committee  
[email: nu2020@fnal.gov](mailto:nu2020@fnal.gov)

## Phenomenology 2020 Symposium (PHENO 2020)

Virtual Symposium

4–6 May, 2020

Early Registration Deadline – **13 April, 2020**

Registration Deadline – **27 April, 2020**

Talk Submission Deadline – **20 April, 2020**

Dear Colleagues,

The Phenomenology 2020 Symposium (PHENO 2020) will take virtually during May 4-6, 2020 instead of in Pittsburgh as originally planned.

The Symposium will cover current issues in particle physics phenomenology, theoretical developments, and recent experimental results, ranging from low energy phenomena over collider physics to astroparticle physics and cosmology. The Symposia are attended by both experimental and theoretical physicists, with a large number of junior participants. The broad plenary and parallel sessions provide an excellent forum for discussions.

- Early registration will end April 13, 2020; Talk submission will end April 20, 2020; Registration will close April 27, 2020.
- A number of awards are available to domestic graduate students for travel and accommodation.
- There will be a “Forum on early career development” on Monday at lunchtime.

For registration and further information, please visit the web site: <https://indico.cern.ch/event/858682/>

Note that LoopFest 2020 was to have taken place at the University of Pittsburgh immediately following PHENO 2020. Alternatives to the in-person meeting are being considered. For more information, please see <https://indico.cern.ch/event/866125/>

We look forward to seeing you at PHENO 2020!

Best regards!

Tao Han

on behalf of the PHENO 2020 organizers:

Brian Batell, Joshua Berger, Ayres Freitas, Joni George, Tao Han (chair), Adam Leibovich, Natália Maia, Cédric Weiland and Keping Xie

(Pheno Symposia are supported by the US DOE, NSF, and PITT PACC)

## LoopFest XIX

7—9 May, 2020

Abstract submission deadline: **30 April, 2020**

Pittsburgh, PA, USA

**UPDATE:** Due to the COVID-19 pandemic, it will not be possible to conduct LoopFest XIX as an in-person meeting in Pittsburgh on May 7-9. More information about alternatives, including postponement to a different date or an all-online meeting will follow soon.

For further information, abstract submission, and registration, please visit:

<https://indico.cern.ch/e/loopfest2020>

Note that the Phenomenology 2020 Symposium (PHENO 2020: <https://indico.cern.ch/event/858682/>) will take place in Pittsburgh right before LoopFest XIX.

Best regards!

Ayres Freitas

on behalf of the local organizers: Ayres Freitas (chair), Joni George, Tao Han, Keping Xie  
and the advisory committee: Lance Dixon, Frank Petriello, Laura Reina, Doreen Wackerroth

## TASI-2020

1-26 June, 2020

Application Deadline: **1 March, 2020**

TASI-2020 will be held at the University of Colorado, June 1-26 2020. This year's title is **The Obscure Universe: Neutrinos and Other Dark Matters** and the organizers are Andre De Gouvea (Northwestern U.) Heather Logan (Carleton U.)

The program will consist of a pedagogical series of lectures and seminars. Lectures will be given over a four-week period, three or four lectures per day, Monday through Friday. The audience will be composed primarily of advanced theoretical graduate students. Experimentalists with a strong background in theory are also encouraged to apply. We hope to provide some subsidy, but students will need partial support from other sources. Rooms, meals, and access to all facilities will be provided at reasonable rates in dormitories at the University of Colorado. The deadline for applications will be **March 1 2020**. The URL with more information is <https://www.colorado.edu/physics/TASI> or email [TASI@colorado.edu](mailto:TASI@colorado.edu).

## XIV International Conference on Interconnections between Particle Physics and Cosmology (PPC2020)

18-22 May, 2020

Abstract Submission Deadline: **6 April, 2020**

Early Registration Deadline: **6 April, 2020**

Late Registration Deadline: **4 May, 2020**

*The PPC organizers are closely monitoring the situation with COVID-19. As of now, we are planning on hosting the conference. **We have extended the early registration deadline through to April 6.** We will assess the situation again at that time. In the event of a cancellation, registration fees will be refunded.*

Dear Colleagues,

The XIV International Conference on Interconnections between Particle Physics and Cosmology (PPC2020) will take place during the week of May 18-22, 2020 on the campus of the University of Oklahoma in Norman, OK, USA.

The conference includes an exciting lineup of plenary speakers along with opportunities to present parallel session talks.

Please see our website: <http://www.ou.edu/ppc> for information on registration, lodging and travel.

Also, the Indico site at <https://indico.cern.ch/event/822029/> is available for submission of abstracts.

For further information, contact any of the local organizing committee:  
<http://www.ou.edu/ppc/contact> .

## 2020 MCnet-CTEQ Summer School

2 - 12 August 2020

Registration Deadline: **31 March, 2020**

Bad Herrenalb, near Karlsruhe, Germany

Dear Colleagues,

We are pleased to announce the 2020 MCnet-CTEQ Summer School on QCD, Electroweak Phenomenology, and Monte Carlo Generators to be held in Bad Herrenalb, near Karlsruhe, Germany, 2-12 August 2020.

In addition to a focused introduction to perturbative QCD, Higgs boson phenomena and recent experimental results, the school will include lectures and tutorials on Monte Carlo Event Generators. The school is ideally suited for advanced graduate students and young postdocs.

For further information, including application procedures, please refer to the website:

<https://indico.scc.kit.edu/event/721/>

which is linked from both the MCnet and CTEQ webpages, or contact [school@montecarlonet.org](mailto:school@montecarlonet.org)

Review of applications will begin 1 March 2020 and will continue as space is available.

Sincerely,

The MCnet--CTEQ Summer School Organizers