

January 2019 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for January 2019. This newsletter will be archived on the [DPF website](#).

If you would like an announcement included in the February newsletter, to be sent out around February 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

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

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1. DPF Responds to European Strategy Group Call for White Papers

Responses to the European Strategy Group's call for white papers are given below:

- [Community Planning and Science Drivers](#)
- [Tools in Particle Physics](#)
- [Addendum of White Papers](#)

2. Lepton/Photon Interactions 2019, 5-10 August 2019

The 29th International Conference on Lepton/Photon Interactions will be held in Toronto from August 5 to 10th, 2019. For the first time ever the meeting program will include two half-days of parallel sessions. These sessions are designed to give junior researchers the opportunity to present the details of their work to a broad international HEP audience. We are currently accepting abstracts at: <https://indico.cern.ch/event/>. Our Physics Advisory Committee will curate the parallel sessions from among the abstracts received by April 15. The remainder of the meeting will follow the traditional all-plenary format with poster sessions during the reception and breaks.

The meeting will cover the usual HEP/particle physics topics including: energy frontier collider physics (both Standard Model measurements, Higgs boson and top quark properties as well as searches for physics beyond the Standard Model), flavour physics of quarks and leptons and their constraints on new physics, dark matter and dark

energy searches, as well as discussions of future facilities for our field.

Registration is currently open at <http://www.leptonphoton2019.ca>

We look forward to welcoming the international particle physics community to Toronto in August and to your contributions to the scientific content of the meeting.

William Trischuk and Hiro Tanaka
co-chairs of the LP2019 LOC

3. FCC CDR presentation Symposium, 4-5 March 2019

Dear Colleagues,

as you may have learned from the press release on 15 January,

<https://home.cern/news/press-r>, the FCC CDR is now public:

<https://fcc-cdr.web.cern.ch>, and the four volumes have been submitted to publication.

A CDR presentation Symposium is organized at CERN on March 4-5, starting Monday after lunch. Vedio connection will be available.

The physics, technology and accelerator design, as well as the implementation plan and costing, will be presented.

You are all welcome to attend. The registration (appreciated even if you only connect via vidyo) is open at <https://indico.cern.ch/event/7> where information on Hostel accommodations will be posted shortly.

Kind regards,
on behalf of the organizing committee
Michelangelo Mangano, Alain Blondel

4. TASI-2019, 3-28 June 2019

TASI-2019 will be held at the University of Colorado, June 3-28, 2019. This year's title is "*The many dimensions of quantum field theory*" and the organizers are Tom Hartman (Cornell), Leonardo Rastelli (YITP, Stony Brook University), Nathan Seiberg (IAS), and Xi Yin (Harvard University).

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 2019. The URL with more information is www.colorado.edu/physics/TASI or email TASI@colorado.edu .

5. 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.