

# August 2020 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for August 2020. This newsletter will be archived on the DPF website. If you would like an announcement included in the September newsletter, to be sent out around September 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)

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## APS Honors Committees

### DPF Instrumentation Award

**(Deadline: September 30)**

<https://aps.org/units/dpf/awards/instrumentation.cfm>

- Roger Rusack (Chair) DPF
- Gabriella Carin (Vice-Chair) CPAD
- Sunil Golwala DPF
- Ulrich Heintz CPAD
- Hanguo Wang ('19 winner)
- Ana Amelia Machado ('19 winner, early)
- Ettore Segreto ('19 winner, early)

### J. J. and Noriko Sakurai Dissertation Award in Theoretical Particle Physics

**(Deadline: September 30)**

<https://aps.org/programs/honors/prizes/particle.cfm>

- Andre Luiz De Gouvea (Chair)
- Laura Reina (Vice-Chair)
- Tracy Slatyer ('19 Recipients Advisor)
- Graham Kribs
- Leonardo Rastelli

### Mitsuyoshi Tanaka Dissertation Award in Experimental Particle Physics

**(Deadline: September 30)**

<https://aps.org/programs/honors/prizes/tanaka.cfm>

- Chris Rogan (Chair)
- Steve Lamoreaux ('19 Recipients Advisor)
- Craig Dukes
- Georgia Karagiorgi
- Dinesh Loomba

### APS Fellowships (Deadline: May 1)

- Prisca Cushman, DPF Past Chair (chair)
- Tao Han, DPF Chair-Elect
- Joel Butler, DPF Vice-Chair
- Elizabeth Simmons, DPF Councilor
- Juan Maldacena
- Stefan Soldner-Rembold

### Wilson Prize (Deadline: June 1)

- Ken Bloom, Nebraska (Chair, DPF)
- Dan Marlow, Princeton (DPF)
- Gina Rameika, Fermilab (DPF)
- Mei Bai, GSI (DPB)
- Alexander Valishev, Fermilab (DPB)
- Steve Peggs, BNL (DPB)
- [Bruce Carlsten \(2020 awardee\)](#)

### Panofsky Prize (Deadline: June 1)

- Mirjam Cvetič (chair)
- Kam-Biu Luk (vice-chair)
- Paulo Rumiero
- Eva Halkiadakis
- [Wesley Smith \(2020 awardee\)](#)

### Sakurai Prize (Deadline: June 1)

- Kaladi Babu (chair)
- Neal Weiner (vice-chair)
- Carlos Wagner
- Shufang Su
- [Pierre Sikivie \(2020 awardee\)](#)

### Primakoff Early Career Award (Deadline: June 1)

- Hooman Davoudiasl (chair)
- Ed Blucher (vice-chair)
- Brenna Flaugher
- Jinming Qian
- Sekhar Chivukula
- [Matt Pyle \(2020 awardee\)](#)

## Nominations Requested for DPF Ethics Committee

Deadline: **15 September, 2020**

Dear colleagues,

I am writing to inform you that we are establishing the Ethics Committee. The Committee members will represent a wide variety of professional and personal backgrounds across the DPF membership who are committed to creating a safe professional community in which to collaborate. It will consist of eight members appointed by the DPF Chair in consultation with the DPF Executive Committee, following a call for nominations. The Committee will appoint a Chair among its serving members. The term of all appointees will be two years. Terms are renewable, but an individual should not serve more than four consecutive years. At least two members will be early career members of the DPF, including one graduate student.

The Ethics Committee responsibilities include

- Participate in training and self-educate in anti-harassment and anti-racist practices.
- Propose and oversee the development and implementation of ethics policies for the DPF, including developing the roles and responsibilities of a DPF Ombudsperson and procedures for revocation of DPF membership.
- Regularly review, and when necessary modify, the DPF Core Principles and Community Guidelines (CP&CG) for consistency with current standards and practices, or in response to current events and community feedback.
- Identify and make available educational materials as needed to support ethical best practices involving physicists at educational institutions, and in governmental and industrial research laboratories.
- Enforce the DPF CP&CG as indicated in the CP&CG accountability document.

I really hope that you and your colleagues will nominate outstanding candidates (including yourself) for this very important committee. Nominations are accepted from now through Tuesday, **September 15, 2020**. The following information needs to be submitted to [ykkim@hep.uchicago.edu](mailto:ykkim@hep.uchicago.edu)

- Nominee's name
- Nominee's email address
- Nominee's current position

Short description about the nominee's experience on Equity, Diversity and Inclusion and any perspective that the nominee would bring to the DPF Ethics Committee.

I would like to take this opportunity to thank the DPF Ethics Task Force which was formed in April 2020 to address urgent issues (e.g., developing DPF Core Principles and Community Guidelines for Snowmass meetings and Slack workspace). The Task Force consists of Lauren Tompkins (chair), Ketevi Assamagan, Mu-Chun Chen, Carla Boniazi, Prisca Cushman, Andre de Gouvea, Sam Meehan, Sara Simon, Elizabeth Worcester, and Young-Kee Kim (ex-officio).

I very much look forward to receiving many outstanding candidates. I would greatly appreciate it if you could pass on this information to your colleagues.

Best regards,  
Young-Kee Kim  
Chair, DPF

## Snowmass News

Dear colleagues,

Over the next year, the U.S. particle physics community will be engaged in Snowmass 2021, an in-depth process to define the most important questions for our field and to identify the most promising opportunities to address these questions in a global context.

We will have the Community Planning Meeting (CPM) virtually on October 5-8, 2020. Goals of the CPM include:

- Inspire the community about the field, and encourage them to engage broadly in the Snowmass process;
- Inform the community about plans from other regions and from related fields and about current and planned Snowmass activities broadly;
- Listen to the community;
- Provide space for members across the field to talk to each other, and to discuss and develop new ideas;
- Establish cross working-group connections and identify gaps; and
- Make a work plan between CPM 2020 and CSS 2021.

A preliminary program consists of

- Oct. 5, 12:00-17:00 EDT (Plenary): Introduction, Inspiring talk about the field, Plans in other regions and in related fields, Remarks from funding agencies, Community voices
- Oct. 6, 10:00-11:00 EDT (Plenary): Future Global Accelerator Facilities - Panel Discussion
- Oct. 6, 12:00-17:00 EDT (Parallel): Organized Breakout Sessions and Unorganized Chat Rooms
- Oct. 7, 12:00-17:00 EDT (Parallel): Organized Breakout Sessions and Unorganized Chat Rooms
- Oct. 8, 12:00-17:00 EDT (Plenary): Report from Early Careers, Reports from Frontiers - Summaries of Breakout Sessions and Nest Steps, Inspiring talk about community engagement

Registration is open (<https://indico.fnal.gov/event/44870/registrations/>). You can find additional information available at <https://indico.fnal.gov/event/44870/>.

Thank you for submitting Letters of Interest (LoIs), 2-page informal documents including opinions, interests and proposals that could further be studied. These LoIs will help Snowmass conveners to prepare breakout sessions of the CPM meeting. We look forward to receiving more LoIs. Instructions for submitting them are available at <https://snowmass21.org/loi>

Best regards,

Young-Kee Kim, DPF Chair

On behalf of the Snowmass Organization Team

For the August Snowmass newsletter, see:

[https://indico.fnal.gov/event/23816/attachments/132288/162476/Snowmass\\_Newsletter\\_August\\_2020.pdf](https://indico.fnal.gov/event/23816/attachments/132288/162476/Snowmass_Newsletter_August_2020.pdf)

## 2020 Wu-Ki Tung Award for Early-Career Research on QCD

Deadline: 15 September, 2020

Dear Colleagues,

We are pleased to announce this year's nomination phase for the 2020 Wu-Ki Tung Award for Early-Career Research on QCD. The Wu-Ki Tung Award is to recognize outstanding contributions made by early-career physicists on experimental or theoretical research on Quantum Chromodynamics. The award is given annually and will consist of \$5,000, a certificate citing the contributions of the recipient and support for travel to a CTEQ Summer School to deliver an invited lecture. Nominees must have received a Ph.D. in experimental or theoretical particle physics within the last seven years, excluding any career breaks, by the time of nomination. Further details on the nomination and selection process may be found on the following website: [http://www.uic.edu/~varelas/tung\\_award/](http://www.uic.edu/~varelas/tung_award/)

We encourage you to nominate outstanding young scientists for this award. You may do so at the following website:

<https://academicjobsonline.org/ajo/jobs/16437>

The deadline for nomination is **September 15, 2020**. Nominations will remain active for one additional year and can be updated. The recipient will be selected by the CTEQ Collaboration and will be notified in December 2020.

*Serving a diverse and inclusive community of physicists worldwide is an important goal for CTEQ. Nominations of women and other members of underrepresented groups are especially encouraged.*

Best regards,  
Nikos Varelas, Cynthia Keppel, and Pavel Nadolsky  
for the CTEQ Collaboration

## Americas Workshop on Linear Colliders (AWLC2020)

October 19-23, 2020

Hosted by SLAC National Accelerator Laboratory

Preparations for the International Linear Collider in Japan have recently moved forward with the formation of the International Development Team, hosted by KEK. At the meeting of ICFA and the Linear Collider Board during this summer's ICHEP conference, ICFA announced this new phase of the ILC preparations:

<https://www.interactions.org/press-release/icfa-announces-new-phase-towards-preparation-international>

This step calls for renewed discussion of the possible contributions to this project from laboratories, university groups, and individuals. At the same time, the developing United States community planning process, Snowmass 2021, calls for a coordinated discussion and articulation of the scientific significance of the ILC and the roles envisioned for US scientists. Similar planning exercises are being done in Canada and Latin America. To address all of these developments, we are planning a workshop hosted by SLAC. The workshop will be conducted virtually the week of October 19-23.

The workshop will bring together interested scientists from the global community to discuss the transition phase toward final preparations for the ILC and to formulate updated community plans and actions. The agenda will cover the present status of the ILC project and the opportunities available for participation in accelerator R&D, detector R&D, and physics studies. It will also include a focused discussion of opportunities at the ILC for early career physicists.

The workshop will be by video, with free registration. The conference web site is:

<https://conf.slac.stanford.edu/awlc2020/>

— Jim Brau, Hugh Montgomery, Andy White (AWLC 2020 chairs)

# Expressions of Interest for Potential Cooperation on the Electron Ion Collider Experimental Program

Deadline: **1 November, 2020**

Dear prospective Electron-Ion Collider users,

Brookhaven National Laboratory (BNL), in association with Thomas Jefferson National Accelerator Facility (TJNAF), would like to invite interested groups to submit an Expression of Interest (EOI) for their potential cooperation on the experimental equipment in support of a broad and successful science program at the Electron-Ion Collider (EIC).

We encourage interested groups to work together within their country, their geographical region, or as a general consortium, to submit such EOIs.

This call focuses on all detector components to facilitate the diverse EIC science program, including those integrated in the interaction region.

Please visit <https://www.bnl.gov/eic/EOI.php> to see further details about this call and how to submit an Expression of Interest.

Best regards,  
Elke Aschenauer and Rolf Ent  
for the EIC Project Team