

June 2020 DPF Newsletter

Dear DPF members,

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

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

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APS Honors Committees

DPF Instrumentation Award

(Deadline: September 30)

<https://aps.org/units/dfp/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>

- Laura Reina (Chair)
- Gary Shiu (Vice-Chair)
- Graham Kribs
- Linda Carpenter
- Hitoshi Murayama (advisor of 2020 winner, Schutz)

Mitsuyoshi Tanaka Dissertation Award in Experimental Particle Physics

(Deadline: September 30)

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

- Steve Lamoreaux (Chair)
- Melissa Franklin (Vice-Chair)
- Kevin McFarland
- Craig Dukes
- Dinesh Loomba
- Juan Collar (advisor of 2020 winner, Scholz)

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 \(2020 awardee\)](#)

Snowmass News

For the June Snowmass newsletter, see:

https://indico.fnal.gov/event/23814/contributions/187629/attachments/128823/156172/Snowmass_Newsletter_June_2020.pdf

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. The process will have its roots in a series of preparatory meetings organized by Snowmass conveners, starting with a Snowmass Planning Meeting at Fermilab on **November 4 - 6, 2020**, and ending with a Snowmass Summer Study at the University of Washington, Seattle, on **July 11 - 20, 2021**.

To optimally engage all participants in the process, the Division of Particles and Fields invites the international community to submit written documents as described below. Given the increasing importance of interdisciplinary work in related fields such as astrophysics, cosmology, gravity, nuclear physics, accelerator physics, AMO, and materials science, members of the Divisions of Astrophysics, Gravitational Physics, Nuclear Physics, Physics of Beams and members of other units with a connection to particle physics are strongly encouraged to participate in this process.

Letters of Interest (submission period: April 1, 2020 – August 31, 2020)

Letters of interest allow Snowmass conveners to see what proposals to expect and to encourage the community to begin studying them. They will help conveners to prepare the Snowmass Planning Meeting that will take place on November 4 - 6, 2020 at Fermilab. Letters should give brief descriptions of the proposal and cite the relevant papers to study. Instructions for submitting letters are available at <https://snowmass21.org/loi>. Authors of the letters are encouraged to submit a full writeup for their work as a contributed paper.

Contributed Papers (submission period: April 1, 2020 – July 31, 2021)

Contributed papers will be part of the Snowmass proceedings. They may include white papers on specific scientific areas, technical articles presenting new results on relevant physics topics, and reasoned expressions of physics priorities, including those related to community involvement. These papers and discussions throughout the Snowmass process will help shape the long-term strategy of particle physics in the U.S. Contributed papers will remain part of the permanent record of Snowmass 2021. Instructions for submitting contributed papers are available at <https://snowmass21.org/submissions/>.

Best regards,

Young-Kee Kim, DPF Chair

On behalf of the Snowmass Advisory Group (<https://snowmass21.org/start/advisory>)

The information presented at the April Snowmass Townhall Meeting is located at

<https://indico.fnal.gov/event/23601/>

Neutrino 2020

June 22-July 2, 2020

Registration Deadline: **2 July, 2020**

<https://conferences.fnal.gov/nu2020/>

Announcement:

Registration is now open for the online Neutrino 2020 conference. The conference will take place 1/2 days on Monday through Thursday from June 22-July 2, 2020 and will include both plenary talks and poster sessions. A block schedule is posted on the conference webpage and a detailed agenda will be available soon.

Please note that registration for the online conference is required even if you had previously registered for the in-person event. There is no registration fee to attend. Registration is now available from the conference webpage and a direct link is here: <https://indico.fnal.gov/event/43209/>. Please register before June 8.

Over the past few weeks, we have received 570 poster abstracts for the online conference. Instructions on poster preparation are also now available for presenters on the conference webpage.

<https://conferences.fnal.gov/nu2020/>

We appreciate that everyone is experiencing the present COVID-19 situation in different ways. We look forward to bringing the community together, despite these challenging times, as a chance to talk about neutrino physics and hopefully make some new connections.

Sincerely,

Steve Brice, Marvin Marshak, Sam Zeller

for the Neutrino 2020 Local Organizing Committee

[email: nu2020@fnal.gov](mailto:nu2020@fnal.gov)

11th Crete Regional Meeting in String Theory

4-11 July, 2020
Kolymbari, Greece

For more information see <http://hep.physics.uoc.gr/mideast11/>

SLAC Summer Institute

10-21 August, 2020

Dear Colleagues:

The 48th SLAC Summer Institute will take place 10-21 Aug 2020. The theme for this year's installment is "The Almost Invisibles: Exploring the Weakly Coupled Universe" and will cover issues related to neutrinos, gravitational waves, dark matter and dark energy.

Due to the Covid19 virus, this year's SSI will take the form of a series of on-line lectures given via Zoom. Registration (which is free) is still requested of all attendees. The full program and further details can be found on the SSI website:

<https://conf.slac.stanford.edu/ssi2020>

SSI has a long tradition of offering comprehensible lectures for advanced graduate students & postdoctoral fellows while senior researchers are always welcome. If you have further questions, please contact us at

ssi@slac.stanford.edu.

We hope to see you (virtually!) at SLAC this summer for SSI 2020!

The SSI 2020 Program Directors,

Mark Convery, Lisa Kaufman, Greg Madejski, Su Dong, Rich Partridge, Charlie Young, and Tom Rizzo (chair)

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