

Dear DPOLY Community:

We share a couple of notes ahead of the **APS March 2020 meeting**.

The meeting will take place in the Denver's Convention Center on 3/2 - 3/6/2020, 2020. See <https://march.aps.org/> for details.



The exciting program was put together by the DPOLY Program Chair, Connie Roth ([cbroth@emory.edu](mailto:cbroth@emory.edu)). Please take a moment to say "thank you" to Connie for her efforts during the meeting.

We will hold the DPOLY reception on Sunday 3/1/2020 6-9 PM at Live@Jack's 500 16th St #320, Denver, CO 80202, <https://www.liveatjacks.com/>

At the reception and the meeting, we will celebrate our DPOLY prize winners and the newly-elected APS Fellows (all announced in the fall newsletters).

The voting and elections are over.

The DPOLY has approved the new bylaws. They should be posted soon on the DPOLY website <https://www.aps.org/units/dpoly/>

We are pleased to inform you that DPOLY elected Mahesh Mahanthappa (University of Minnesota) and Zahra Fakhraai (University of Pennsylvania) as the new Vice-Chair and the Member at Large of DPOLY, respectively. We thank Venkat Ganesan (UT Austin) and Keiji Tanaka (Kyushu University) for standing for the election.

The DPOLY Executive Committee elected Thomas O'Connor (Sandia) as a new Early Career/Student Member of DPOLY's Executive Committee. We thank Ryan Poling-Skutvik (University of Pennsylvania) for standing for the election.

Starting in 2020, the DPOLY community selects the Early Career/Student Member of DPOLY's Executive Committee (just like the position of the Vice-Chair and the Member at Large). Please send suggestions about potential candidates to Steve Hudson ([steven.hudson@nist.gov](mailto:steven.hudson@nist.gov)), Amalie Frischknecht ([alfrisc@sandia.gov](mailto:alfrisc@sandia.gov)) and the nominating committee.

We highlight a few noteworthy events in the upcoming March 2020 APS meeting. See the DPOLY booklet <https://www.aps.org/units/dpoly/meetings/index.cfm> for details:

#### **Saturday 2/29/2020**

- DPOLY Short course on "Machine Learning for Polymer Physicists" (1-6 PM, Room 110/112) <https://march.aps.org/program/dpoly-short-course-machine-learning-for-polymer-physicists/>

#### **Sunday, 3/1/2020**

- DPOLY Short course on "Machine Learning for Polymer Physicists" (8:15 AM-5:30 PM, Room 110/112) <https://march.aps.org/program/dpoly-short-course-machine-learning-for-polymer-physicists/>
- DPOLY reception (6-9 PM, Live@Jack's)

#### **Monday, 3/2/2020**

- Invited session "100 years of polymer science" (8-11 AM, Room Four Seasons 4)
- Invited session "Machine learning and data in polymer physics" (11:15 AM-2:15 PM, Room Four Seasons 4)
- "Discussion on Polymer Science and Polymer Scientists in the Age of Global Plastics Pollution" (5:45-6:45 PM, Room 506)

## Tuesday, 3/3/2020

- Polymer Physics Prize talk (8-8:36 AM, Ballroom Four Seasons 4, Session F68) \*\*
- Frank J. Padden symposium (11:15 AM–1:40 PM, Room 507, Session G35)
- John H. Dillon Medal talk (2:30-3:06 PM, Room 506-507, Session J34) \*\*
- DPOLY Business meeting (5:45-6:45 PM, Room 506-507, Session K34A)
- “NSF Questions and Answer Session on Polymers and Soft Matter” (6:45-7:45 PM, Room 506, Session K34B)

\*\* These sessions will be filmed, and posted on the DPOLY website, so that those who cannot attend the meeting this year can participate a bit in the celebration of these award winners.

We will also post slides of winning presentations, in like manner to last year. If you missed those postings, please see copies of the winning posters, of the Padden Award winning presentation and of the UKPPG lecture. Links to all these can be found on the DPOLY homepage, <https://www.aps.org/units/dpoly/> and on respective pages therein.

Please note to all invited speakers, APS will post your presentation slides. Please use this opportunity. For example, prize and award presentation slides from last year are:

Ron Larson, <https://absuploads.aps.org/presentation.cfm?pid=14410>

Zahra Fakhraei, <https://absuploads.aps.org/presentation.cfm?pid=14468>

## Wednesday, 3/4/2020

- DPOLY poster session (11:15 AM-2:15 PM, Exhibit Hall C/D, Session M71)

We will have the DPOLY membership desk available during the meeting (between rooms 504 and 505). Please encourage your colleagues/friends to sign up for the DPOLY membership. Please contact Arthi Jayaraman [arthij@udel.edu](mailto:arthij@udel.edu) to volunteer to serve at the membership desk. Thank you for your part!

### Call for APS Innovation Fund proposals <https://www.aps.org/programs/innovation/fund/>

Proposals are due March 9, 2020.

The Innovation Fund is for projects to improve the APS's work. Description of the program is at

<https://www.aps.org/programs/innovation/fund/>. Last year's awards are posted at

<https://www.aps.org/programs/innovation/fund/fund19.cfm>. Of last year's proposals, most were for educational projects, but none of those were funded, because plans for measurable assessment were lacking. The administrators are hoping this year will be different. So put your ideas in.

### Looking for summer interns?

Please remember that APS jobs offers free 60-day advertising posting of internship opportunities.

<https://www.aps.org/careers/employment/internships.cfm>

The **Gordon Research Conference Polymer Physics** will be preceded by a **Gordon Research Seminar** (GRS) for graduate students and postdocs on Saturday and Sunday July 25-26 at Mount Holyoke College, chaired by Whitney Loo and Konane Bay. Applications are now open and we encourage interested participants to apply as soon as possible. Speakers and discussion leaders will be chosen from the submitted abstracts and session topics include emerging techniques in polymer science and engineering, interdisciplinary applications in polymer physics and connecting polymer structure to mechanics and dynamics. More information and instructions to apply can be found at <https://www.grc.org/polymer-physics-grs-conference/2020/>. Contact information for the Chairs is also at the seminar website.

We look forward to seeing you all in Denver, CO, very soon.

The DPOLY Executive Committee