



POLY Workshops

Marc Hillmyer: Workshop Chair

Committee: Gobet Advincula, Elizabeth Elacqua, Mike Hickner, Joe Mabry, Jena McCollum, Rakesh Nambiar, and Yongping Zha



In-Person workshops

2021



- **Controlled Radical Polymerization(14 - 17 Nov 2021)**
 - Kris Matyjaszewski (Carnegie Mellon U), Nick Tsarevsky (Southern Methodist U), Haifeng Gao (Univ of Notre Dame), Brent Sumerlin (Univ of Florida)

51 Attendees

- **Silicon-Containing Polymers and Composites (1-4 Dec 2021)**
 - Joseph Furgal (Bowling Green State Univ), Claire Hartmann-Thompson (3M)

43 Attendees



Macromex (1-4 Nov 2021)

- POLY provided general advertising and registration support

2022 approved

- **Polymer Colloids (19 – 22 Feb 2022)**
 - **Wei Gao (Dow), John Tsavalas (UNH)**
- **Polymers for Fuel Cells, Energy Storage, and Conversation (15 – 18 May 2022)**
 - **Brian Benicewicz (Univ. SC), Tom Zawodzinski (UTK), Mike Hickner (Penn St.)**
- **Fire and Polymers (5-8 June 2022)**
 - **Jaime Grunlan (Texas A&M), Alexander Morgan (U. Dayton Res. Inst.)**
- **Advances in Polyolefins (18 – 21 Sept 2022)**
 - **Jerzy Klosin (Dow), Rick Register (Princeton), Ken Wagener (U. FL), Pal Arjunan (Eureka-GlobalChem), Joao Soares (U. Alberta)**
- **Polymers and Nanotechnology (16 – 19 Oct 2022)**
 - **Rick Laine (UM), Jaime Grunlan (Texas A&M)**
- **Polymers in Medicine and Biology (23 – 26 Oct 2022)**
 - **Theresa Reineke (UMN), Buddy Ratner (Univ. Washington)**



Hybrid experience
28 on site attendees + 23 virtual

2023 approved/rescheduled

- **Fluoropolymer (17 – 22 June 2023)**
 - Scott Iacono (USAF Academy), Bruno Amaduri (CNRS), Jena McCullum (U Colorado, Colorado Springs)
- **Sustainable Polymers (15 – 18 October 2023)**
 - Marc Hillmyer (UMN), Thomas Epps (U. Delaware), Megan Robertson (U. Houston)
- **2023 Polymers in Data Science (TBD)**
 - Kate Beers (NIST), Brad Olsen (MIT), Debra Audus (NIST)
- **2023 Controlled Radical Polymerization (November TBD)**
 - Kris Matyjaszewski (Carnegie Mellon University), Nick Tsarevsky (Southern Methodist University), Haifeng Gao (University of Notre Dame), Brent Sumerlin (University of Florida)



2024 Workshops, cont'd

<i>Workshop Topics</i>	<i>Organizers</i>
2024 Advancing Protection Through Materials Design	Aaron Forster (NIST), Joseph M. Dennis (Army Research Laboratory), Amanda L. Forster (NIST) Plan to recruit for organization: Vicky Nguyen (Johns Hopkins University), Leslie Lamberson (Colorado School of Mines)
2024 Polymer Upcycling and Circularity	Brett Helms (LBL) Plan to recruit for organization: LaShanda Korley, (University of Delaware), Kat Knauer (NREL)



Virtual workshops (POLY Webshops)

Webshops in 2021

Catalysts in
Polymers

Live

2020
77 attendees*
24 paid

On-demand

2021
22 paid
97 views

Net income
+875.99

Stimulus-
Responsive
Polymers and Liquid
Crystal Elastomers

2021
116 attendees*
23 paid

2021
19 paid
93 views

Net income
+3,128.00

POLY IAB
sponsored
speaker
honoraria



Is it advantageous to continue? * Topics? * Schedule? *
Opportunities?

** 10 access links were given per each 1 registration purchased*

Webshops in 2022 and beyond

Opportunities

Live workshops, virtual piece

- **Silicon-Containing Polymers and Composites (1-4 Dec 2021)**
 - 2 virtual follow-up sessions in Decembers, Organizers and speakers agree to use of recordings.
 - Operate as a re-broadcast at regular fee (49.00)
- **Polymer Colloids (19 – 22 Feb 2022)**
 - Hybrid/virtual sessions during workshop, Organizers and speakers agree to use of recordings.
 - Operate as a re-broadcast at regular fee (49.00)

Future?



Is there a special advantage for POLY to continue amid the free webinars by ACS?



National Graduate Research Polymer Conference

National Graduate Research Polymer Conference (NGRPC)

POLY's role

- Workshop Committee reviews proposals biennially to select a hosting university. POLY Exec approves committee recommendations.
- Sponsorship

Location selected for 2023

- **University of Michigan**



1. Penn State, 1994
2. VA Tech, 1996
3. University of Akron, 1998
4. Southern Mississippi Univ., 2000
5. Lehigh, 2003
6. UMASS, 2005
7. UT Knoxville, 2007
8. University of North Carolina at Chapel Hill, 2010.
9. Case Western Reserve University, 2012.
10. Louisiana State Univ., 2014
11. University of Akron, 2016
12. University of Minnesota, 2018
13. Virginia Tech (virtual), 2021

FYI: New proposal forms created by committee in 2021



AMERICAN CHEMICAL SOCIETY
Division of Polymer Chemistry



POLY Workshop Proposal Template

Submission Instructions: All proposal submissions and reviews are handled electronically. The following application form includes all the details required for this initial review. The completed application form should be e-mailed to the ACS Division of Polymer Chemistry (POLY) Business Office: lesiar@vt.edu with cc: to the POLY Workshop Committee Chair (Currently: Prof. Marc Hillmyer hillmyer@umn.edu.) For additional questions call: 540-231-3029.

<input checked="" type="checkbox"/> Commitment to Diversity	POLY believes in the strength of diversity in all its forms because the inclusion of and respect for diverse people, experiences, and ideas lead to superior solutions to world challenges and advances polymer chemistry as a global, multidisciplinary science. It requires this to be demonstrated within the workshop experience. By checking the "Commitment to Diversity" box, you affirm your commitment to reflect this within your organizing team and programming.
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Lead Workshop Chair [a single point of contact]:
(Name, Affiliation, E-mail, and Address)

Workshop Co-Chair (s) [one to three co-chairs]:
(Name, Affiliation, E-mail, and Address)

Organizing Committee Proposed [optional]:
(Names and Affiliation)

Proposed Location: Propose the location which you feel would be desirable for your target audience and discuss why.

Proposed Dates: Propose the time of year would be optimal and why. If approved, you will work with the Workshop Committee and POLY Business Office to minimize overlap with related workshops and symposia, and other logistical restraints.

Budget: POLY accepts all financial responsibility for POLY workshops. The POLY business office will establish the participant registration using the ratio of the estimated event costs to the number of anticipated attendees. Many of the costs are fixed by the contractual obligations associated with the venue. POLY includes and requires an administrative fee of \$15,000 as part of the total estimated event costs. The POLY Business Office develops this budget for POLY Treasurer approval. Treasurer approval is required prior to the opening of registration to the public.

If approved, organizers will receive ten (10) registration waivers and a \$1,000 discretionary fund to offset miscellaneous business costs as organizers deem appropriate. This fund cannot be used for alcoholic beverages. The event attendees will typically receive meeting materials and certain food and beverage services (breaks, breakfasts, receptions) during the event depending on the venue and facilities.

Select ALL items below that are important to you and the attendees for an optimal meeting experience:

Included within a standard budget:

- Meeting materials (e-meeting site for download)
- Break services (coffee, light snacks)
- Breakfast (typically continental)
- Receptions (light food and non-alcoholic beverages)
- Speaker waivers (10 waivers – see above)

Example expenses not included with the POLY budget and thus need external sponsorship

- Lunch
- Banquet
- Alcoholic beverages
- Off-site social networking expenses
- Additional speaker waivers
- Speaker travel support
- Organizer travel support
- Poster awards

Prospective Sponsors:

Discuss what funding sources you anticipate securing to aid in funding the workshop. Typical external funding is through industry sponsorship. The additional funds raised can be used to cover items not included in a standard budget.

Workshop Overview and Vision: Give a brief overview to the POLY Workshop which you plan to organize. Discuss the focus of the workshop, a brief history and current state of the field, and why this workshop will be of interest to the broader polymer chemistry community [500-word maximum].

Topics/Speakers Proposed:



Thank you