



DIVISION OF POLYMERIC MATERIALS: SCIENCE & ENGINEERING

263rd ACS National Meeting

March 20-24, 2022 - San Diego, CA (Hybrid/Virtual)

Dear Attendees,

On behalf of the ACS PMSE Division, I would like to welcome you to the 263rd ACS National Meeting in San Diego! In some ways, we are finally back where we started; the last in-person meeting was here in San Diego in Fall 2019. While that seems like a long ago, after four meetings that were either cancelled or virtual, we are happy to be back in person (at least in part). This is the second ACS-wide hybrid meeting and the first PMSE hybrid meeting. We have an exciting program that should be of interest to PMSE, as well as the broader polymer community. Registrants may have access to both virtual and hybrid programming across divisions.

The theme for this National meeting is “Bonding Through Chemistry,” and I hope we have the opportunity to revisit and renew some of the in-person bonds that have been on hold within our supportive community through the pandemic. We are happy to have your participation; the format of the hybrid meetings continues to evolve and improve as we get more feedback from members like you, and we hope this meeting will be the most successful meeting to date! The meeting program and events will be available at the [ACS 263rd National Meeting Website](#). The [PMSE website](#) will also feature meeting-related information.

PMSE Technical Program: For this meeting, we have 12 symposia comprised of over 525 oral presentations and 190 posters. Sessions will either be all virtual, hybrid, or in person. Sessions will be moderated and include Q&A:

SAN DIEGO - Spring, 2022 **BONDING THROUGH CHEMISTRY**

- **ACS Award in the Chemistry of Materials: Symposium in Honor of Zhenan Bao**
- **3D Printing-enabled Polymeric Composites and Hybrid Systems**
- **Design and Characterization and Interface in Polymers**
- **Engineered Living Materials**
- **General Papers/New Concepts in Polymeric Materials**
- **Molecular Design of Polymers with Multi-scale Mechanical Properties**
- **Next Generation of Functional Polymeric Materials: Correlating Structure, Property, and Application**
- **Polymer Processing: Nanomanufacturing and Nanofabrication**
- **PMSE Future Faculty Symposium**
- **PMSE Young Investigator Symposium**
- **Synthesis, Characterization, and Application of Polymer Brushes**
- **Triggers and Switches for Polymerization and Depolymerization**

PMSE/POLY Plenary Lecture & Award Reception: Our headliner event will be Wednesday March 23, 6:00-9:00 p.m. (Pacific Time). Prof. Karen Winey, Harold Pender Professor of Engineering and Applied Science from the University of Pennsylvania, will give the plenary lecture on, “**Polymer Chemistries for Double Gyroid Morphologies – Past Present and Future.**” The reception begins at 6 p.m. and the lecture begins at 6:30 p.m. This event will be both in-person and virtual.

<http://www.pmsedivision.org>



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At this event, we will be celebrating the following awardees:

- ✓ ACS Award in the Chemistry of Materials – **Zhenan Bao (Stanford)**
- ✓ Recognition of PMSE Service – **2021 PMSE CHAIR Timothy Bunning (AFRL)**
- ✓ 2021 Doolittle Awardees – **Evan Lloyd (Duke) and Jodie Lutkenhaus (TAMU)**
- ✓ Fall 2021 Best Poster Winners – **Cheyenne Liu (Southern Miss), Nicole Mandel (Columbia), Michelle Pomatto (Virginia Tech), Vinita Shinde (Auburn), Adam Weiss (U Chicago), and Siyui Xiong (U College of London)**
- ✓ 2022 PMSE Fellows – **Ralph Colby (Penn State), Andrew Dove (Birmingham), Melissa Grunlan (TAMU), LaShanda Korley (Delaware), Richard Spontak (NC State), and Marcus Weck (NYU)**
- ✓ Spring 2022 Student Travel Award Winners – **Amalie Attassi (GA Tech), Rachel Detwiller (Utah), Kristin Lewis (CU, Boulder), and Ani Nazari (ASU)**

We also have a number of PMSE Young Investigator and Future faculty awardees!

Poster Session: Our traditional PMSE/POLY Poster Session will be held as part of the ACS-wide poster event on Tuesday, August 24th at 7:00-9:00 p.m. (Pacific Time). Some of the posters will be in-person, per pre-pandemic. Virtual posters will have their own “breakout room” for display and live interaction with the presenter. The poster “rooms” will be placed within group Zoom rooms mimicking physical poster session rows.

Membership Desk: Hanging with friends at the PMSE Desk is a meeting tradition, and we are back, live and in person! Join us throughout the meeting. You can join PMSE (the first year is free for everyone and students are just \$1.00 after the first year), chat with officers and volunteers, get information about symposia, and possibly snag some fun giveaways. **New members will receive a \$5 Starbucks gift card and be entered into our New Member Contest!** Three winners will be chosen to receive fun prizes. The Desk will be near the technical sessions at the Marriott. Finally, please consider [enlisting as a volunteer](#) for the PMSE Division. There are numerous opportunities available.

Social Media: Please check PMSE’s program page on the ACS Meeting website for events. You can follow PMSE on **Twitter (@acspmse)** and **Facebook (facebook.com/acspmse)** and add your comments to the collective meeting experience using the hashtags #ACSspring2022 and #ACSPMSE.

Special thanks to our PMSE programming team: The Program Committee (Jen Schaefer, Adam Burns, and Dhriti Nepal) and our administrative assistant, Eileen Ernst, kept us on track through many uncertainties and delays. I thank them for their patience throughout the process.

Our symposium organizers also showed exceptional perseverance and flexibility:

Edmondo Benetti, A. J. Boydston, Jeffrey Byers, Yifu Ding, Beth Elacqua, Vivian Feig, Kun Fu, Will Gutenkunst, Kohzo Ito, Hiroshi Jinnai, Jeffrey Lopez, Alamgir Karim, Harm-Anton Klok, Hilmar Koerner, Tim Long, Jeffrey Lopez, Danielle Mai, Krzysztof Matyjaszewski, Jia Niu, Zachariah Page, Jay Park, Emily Pentzer, Jon Pokorski, Megan Robertson, Kenan Song, Nicole Steinmetz, Hung-Jue Sue, Luyi Sun, Keiji Tanaka, Helen Tran, Davita Watkins, Rudy Wojtecki, Jie Xu, Yang Yang, Shu Yang, and Wu Zhang. **Thank you all!**

I hope you enjoy the meeting, and I look forward to seeing everyone in San Diego!

Dan Savin
Chair Elect and Program Chair, PMSE