



DIVISION OF POLYMERIC MATERIALS: SCIENCE & ENGINEERING

Preface

259rd ACS National Meeting
March 21 - March 26, 2020
Philadelphia, PA



Location & Theme: The 259rd National Meeting of the American Chemical Society (ACS) will run from Sunday, March 22 to Thursday, March 26 in Philadelphia, PA. The theme of this meeting is near and dear to our hearts “*Macromolecular Chemistry: The Second Century.*” PMSE will hold all oral symposia at the Loews Hotel although the PMSE/POLY Poster Session will be held in the convention center.

PMSE Desk and Lounge: Please stop by the PMSE desk located in the Washington Room foyer of the Loews Hotel. The membership desk will be displaying PMSE memorabilia in honor of the 100th anniversary of macromolecules. In addition, we will be hosting a new member contest and a “count the Legos” contest with great STEM and Lego prizes. There will be a special spot on the table focused on volunteering, volunteer business cards, and volunteer stickers. This is a great place to meet up with colleagues and renew your PMSE membership!

Programming: The ACS Division of Polymeric Materials: Science and Engineering (PMSE) expresses our thanks to your Technical Program Co-chairs (Chad R. Snyder - NIST, Jennifer Schaefer - U. Notre Dame, and Adam Burns - ExxonMobil Research and Engineering) for putting together an

exciting set of technical symposia. These symposia span the range of innovative and interdisciplinary topics at the forefront of polymer science and engineering. We also owe a debt of gratitude to the symposium organizers for their time and dedication in putting together individual sessions. Finally, we must give a big “thank you” to the organizations which generously supported individual symposia.

The PMSE program at the ACS Spring National Meeting in Philly features 24 symposia consisting of 92 sessions and over 1084 abstracts. This is the highest number of submissions EVER and reflects the excitement for the symposia topics and the vibrancy of our discipline. PMSE is proud to serve as a home for this technical programming.

Kavli Foundation Lecture Series: Once again, this series will feature several exciting lectures on Monday, 3/23 at 4-6 pm in the Grand Ballroom B of the Convention Center. Speakers include Prof. Cesar de la Fuente of the University of Pennsylvania and Prof. Omar Yaghi of the University of California, Berkeley.

PMSE Symposia and Events: The PMSE Technical Program Co-chairs and symposia organizers have assembled a diverse set of symposia, including several award and PMSE-led co-sponsored symposia that include:

- 100 Years of Polymer Structures: Active Materials for Thin Films and Interfaces
- ACS Award for Team Innovation: Symposium in Honor of Otto Berbee, Jaap den Doelder, Lori Kardos, Teresa Karjala, and Joe Ortega. *CO-SPONSORED WITH PROF*
- Advances in Functionalized Polyolefin Synthesis. *CO-SPONSORED WITH POLY*
- Bio-inspired Macromolecular Materials
- Biomaterials for Tissue Engineering
- Celebrating 50 Years of Polymer Science at ExxonMobil’s Corporate Research Laboratories
- Celebrating 50 Years of Polymer Science at ExxonMobil’s Corporate Research Laboratories (Poster Session)
- Cooperative Research Award in Polymer Science & Engineering: Symposium in Honor of Ahmed Abuelyaman, Peter Bissinger, Christopher Bowman, Bradley Craig, Karsten Dede, Timothy Dunbar,



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Adrian Eckert, Babu Gaddam, Guy Joly, Larry Krepski, Joe Oxman, and Timothy Scott

- Designing Polymers for Electrochemical Energy Conversion and Storage. Cooperative Research Award in Polymer Science & Engineering: *CO-SPONSORED WITH POLY*
- Frontiers in Polymer Science and Engineering (USA-China Joint Symposium). *CO-SPONSORED BY THE CHINESE CHEMICAL SOCIETY (CCS)-POLYMER DIVISION (PD)*
- Fundamentals of Macromolecular Crystallization
- Fundamentals of Macromolecular Glasses
- Fundamentals of Polymer Mechanics
- General Papers/New Concepts in Polymeric Materials
- Macromolecular Materials for Advanced Organic Electronics and Bioelectronics
- Macromolecular Materials for Healthcare: Drug Delivery
- Macromolecular Materials for Structural Applications
- Next Generation of Functional Polymeric Materials: Correlating Structure, Property, and Application. *CO-SPONSORED WITH POLY*
- PMSE/POLY Poster Session
- Polymer Nanocomposites: Fundamentals and Applications
- Polymer Processing: Additive Manufacturing of Functional Materials
- Polymer Processing: Nanomanufacturing and Nanofabrication
- Polymeric Materials: From Synthesis to Application - USA-Israel Joint Symposium
- Polymers for the Environment

Poster Session: On Tuesday (August 27, 5:00 - 7:00 pm - Convention Center, Exhibit Hall A), we continue to sponsor a joint poster session between the PMSE and POLY divisions.

PMSE/POLY Plenary Lecture & Award Reception: On Wednesday (3/24, 6 pm, Franklin Institute), we will hold the plenary lecture and award reception. The lecture will be provided by:

Prof. Tim Lodge (U. Minnesota) "Pillars of Polymer Science: A Perspective

Everyone is encouraged to attend this reception to hear Prof. Lodge's talk as well as to recognize the many PMSE and POLY award recipients.

The PMSE awardees include:

- **PMSE Fellows:** Ting Xu, Tao Xie, Vivek Prabhu, Shanti Swarup
- **Cooperative Research Award:** Ahmed Abuelyaman, Peter Bissinger, Christopher Bowman, Bradley Craig, Karsten Dede, Adrian Eckert, Babu Gaddam, Guy Joly, Larry Krepski, Joe Oxman, Timothy Scott, Timothy Dunbar
- **Doolittle Award for 2019:** Julia Kalow and Jian Qin
- **Eastman Chemical Student Award in Applied Polymer Science (2019):** R. Konane Bay
- **ACS Award - Team Innovation:** Otto Berbee, Jaap den Doelder, Lori Kardos, Teresa Karjala, Joe Ortega

For PMSE members who are unable to attend the ACS national meeting, selected presentations are available at the ACS website after each meeting at <http://presentations.acs.org>.

PMSE will continue to develop meeting programming on emerging fields of polymeric materials including biomaterials, coatings & composites, polymer physics, smart polymers, advanced functional polymeric materials, etc. Please contact Eva Harth or the Programming Committee if you are interested in organizing a PMSE symposium.

As always, we thank you for your continued PMSE membership and for your contributions to PMSE programming. I hope to see you in Philly!

Sincerely,
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For more information:
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