
Preface – Eva Harth, Chair-Elect



**257th ACS National Meeting
March 31st- April 4th, 2019
Orlando, FL**

Location & Theme: The 257th National Meeting of the American Chemical Society (ACS) will run from Sunday, March 31st to Thursday, April 4th in Orlando, FL. The theme of this meeting is “**Chemistry for New Frontiers**”. PMSE will hold **all PMSE symposia at the Rosen Centre Hotel** and the joint PMSE/POLY Poster Session and Reception at the Convention Center – Hall C from 5-7pm.

PMSE Desk and Lounge – At Westin Boston Waterfront –Grand Ballroom Foyer: Please stop by the PMSE desk and lounge area located in the Rosen Centre Hotel, Foyer outside of Salon 16. This is conveniently located near many PMSE symposia. 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, University of Notre Dame, 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 Fall National Meeting in Boston features 16 symposia, and over 685 papers. This is a notably high number of papers 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 two exciting lectures starting at 4:00 pm on Monday April 1 (Orange County Convention Center West – Valencia Ballroom A):

- *The Fred Kavli Innovations in Chemistry Lecture* given by Prof. Trisha L. Andrew (University of Massachusetts - Amherst) on “Sensing Human Behavior with Smart Garments”.
- *The Kavli Foundation Emerging Leader in Chemistry Lecture* by Prof. Samuel Kounaves (Tufts University) on “The Chemistry of Finding Extraterrestrial Life”.

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

- Antimicrobial and Cell-Penetrating Polymers
- Autonomous Processes, Chemomechanics, and Active Matter Using Polymers and Soft Materials
- Biomimetic Materials Porous Polymers
- Cooperative Research Award: Symposium in Honor of Christopher Stafford, Edwin Chan, Michael Hickner, Coray Colina, James Sturnfield, Steven Rosenberg, and Abhishek Roy
- ACS Award in Applied Polymer Science: Symposium in Honor of Shanti Swarup
- ACS Team Innovation Award in Honor of Vivek M. Prabhu, Christopher L. Soles, Eric. K. Lin, and Wen-Li Wu.
- Hybrid Functional Materials from Controlled Assembly of Polymer and Inorganic Nanoparticles
- Innovations in Polymer Crosslinking Technology
- Materials for High-Performance Impact Mitigation: Design, Synthesis, Characterization, and Validation
- Molecular Engineering of Interphases in Polymeric Materials: Structure-Property Relationships, Advances in Experiments, and Simulations
- Molecular Engineering of Peptide Assemblies

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- Multicomponent Block Polymer Systems
- Recent Trends in Polymer Photochemistry: From Molecular Design to Future Applications
- General Papers/New Concepts in Polymeric Materials
- Joint PMSE/POLY Poster Session
- PMSE/POLY complementary graduate student/post-doctoral Happy Hour

PMSE is also pleased to co-sponsor these symposia:

- Producing Equilibrium Amorphous Packings (PHYS)
- LGBTQ+Graduate Student & Postdoctoral Symposium (POLY)
- Third ACS NASA Symposium: Chemistry for Humanity's Next Giant Leap
- Transport in Polymer Membranes (POLY)
- Exploring the Frontiers of Chemistry through NASA Research: Interdisciplinary Chemistry for New Frontiers in Biology & Medicine (COLL)
- Applied Materials for New Frontiers: Ten Years of ACS Applied Materials & Interfaces (POLY, COLL)

Poster Session: On Tuesday (April 2nd, 5:00 – 7:00 pm – Convention Center – Hall C), we will continue to sponsor a joint poster session between the PMSE and POLY divisions. PMSE will recognize outstanding research presented at the poster sessions with Outstanding Poster Awards which will be on display at the Wednesday evening awards reception.

PMSE/POLY Plenary Lecture & Award Reception: On Wednesday (April 3rd, 6:00 – 8:00 pm, Grand A, Rosen Centre Hotel), we will hold the plenary lecture and award reception. The lecture will be provided by:

- Prof. Craig J. Hawker, from UC Santa Barbara speaking on “Power of Polymer Synthesis: Translation of basic Materials Research into Social Benefits”.

Everyone is encouraged to attend this reception to hear Professor Hawker's talk as well as to recognize the many PMSE and POLY award recipients. The PMSE awardees include:

- **ACS Global Outstanding Graduate Student and Mentor Award in Polymer Science and Engineering** – Seunghyun Sim, Bas van Genabeek, Takuzo Aida, E. W. Meijer
- **Cooperative Research Award** – Christopher Stafford, Edwin Chan, Michael Hickner, Coray Colina, James Sturnfield, Steven Rosenberg, Abhishek Roy
- **Distinguished Service Award** – Jay Dias

- **Doolittle Award** – April Kloxin and Nathaniel Lynd
- **Eastman Chemical Student Award in Applied Polymer Science** – Jeff Lopez
- **PMSE Fellows** – Zhiqun Lin; Nicholas Peppas, Jeffrey Pyun, Dean Webster
- **PMSE Graduate Student Travel Award** – Bonnie Buss; Meghan Lamm

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 Orlando!

Sincerely,
Eva Harth

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For more information:
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