

2012 Spring Meeting

## 2012 Spring NATIONAL ACS MEETING

San Diego, March 25-29, 2012

Recorded meeting presentations from San Diego are available

Program Meeting Chair Primary Contact: **Sheng Lin-Gibson**

Program Meeting Chairs: **Jeffrey Youngblood, Scott T. Iacono**

Call for papers

**PACS was open for author abstract submission from August 22, 2011 to October 17, 2011**

THE POLY/PMSE PLENARY LECTURE AND AWARDS RECEPTION IS SCHEDULED FOR WEDNESDAY EVENING

**Plenary Speaker: David A. Tirrell, Caltech**  
**"Reinterpreting the Genetic Code"**

The event was sponsored by ACS MacroLetters and Soft Matter

The ACS National Meeting POLY/PMSE programing and events were held in the Manchester Grand Hyatt, San Diego

### Theme: Chemistry of Life

*Program - Final*

**Glycopeptide Polymers** (Tim Deming, Sebastien Lecommandoux)

**Photo-Cleavable Polymers and Block Copolymers** (Patrick Theato and Bryan Coughlin)

### CALL FOR PAPERS

**"Photo-cleavable Polymers and Block Copolymers"**  
**243th American Chemical Society National Meeting**  
**San Diego on March 25-29, 2012.**

**Abstract and Preprint Deadline: October 17, 2011**

This symposium will address recent developments in the synthesis, characterization and application of polymers featuring photolabile groups, which allow the alteration of polymer properties simply by irradiation with light. The increasing utilization of different photolabile group in polymer chemistry shall reflect the focus of the symposium. This includes: of (i) chromophore-based crosslinkers for photodegradable hydrogels, (ii) photolabile side chain functionalization in (block) copolymers, (iii) photolabile side chain functionalization for thin film patterning, (iv) photolabile chemistry of self-assembled

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monolayers, (v) photocleavable block copolymers, and (vi) photocleavable bioconjugates. The interdisciplinary use of block copolymers will be strongly emphasized during the symposium and we kindly invite you to participate in the promotion of photo-cleavable polymers and block copolymers for future applications.

### Confirmed Invited Speakers:

- 1) Prof. Dr. Christopher Ober, Cornell University, USA
- 2) Dr. E. Johan Foster, University of Fribourg, SUI
- 3) Prof. Dr. Bongjin Moon, Sogang University, KOR
- 4) Dr. Leonid Ionov, IPF Dresden, D
- 5) Prof. Dr. Bin Zhao, UTK, USA
- 6) Prof. Dr. Sankaran 'Thai' Thayumanavan, UMass, USA
- 7) Prof. Dr. Yue Zhao, University of Sherbrooke, CA
- 8) Prof. Dr. Andrea M. Kasko, UCLA, USA
- 9) Prof. Dr. Jean-Francois Gohy, UCL, B
- 10) Prof. Dr. Adah Almutairi, UCSD, USA

We cordially invite you to submit Oral and/or Poster presentations in research areas listed above or on related topics. Abstracts and preprints are due on October 17th, 2011 and have to be submitted through the PACS website: <http://abstracts.acs.org>.

Please contact us if you have any questions!

### Organizers:

#### **Prof. E. Bryan Coughlin**

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University of Massachusetts,

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#### **Prof. Dr. Patrick Theato**

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From September 2011 to December 2011:

WCU-SNU Associate Professor

Office No. 1013

School of Chemical and Biological Engineering

College of Engineering

World Class University (WCU) program of Chemical Convergence for

Energy & Environment (C2E2)

Seoul National University (SNU)

2012 Spring Meeting

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Web: <http://c2e2.snu.ac.kr/en>

**Polymers in Organized Assemblies** (Bill Brittain, Stephen Boyes)

**CALL FOR PAPERS**  
**"Polymers in Organized Assemblies"**  
**243th American Chemical Society National Meeting**  
**San Diego on March 25-29, 2012.**  
**Abstract and Preprint Deadline: October 17, 2011**

The symposium will cover the latest advances in the synthesis, characterization and application of systems based upon the self-assembly of polymers. Recent developments in the structural control of polymeric-based systems at the molecular level have provided insight into the critical properties for application of these systems in advanced technologies. The focus of this symposium will be on new materials and chemistries that have enabled the application of self-assembled polymer and hybrid systems in the biological, renewable energy, and nanotechnology fields.

**Confirmed Speakers:**

Prof. Neil Ayres – University of Cincinnati  
Prof. Todd Erick – University of Massachusetts, Amherst  
Prof. Jinming Gao – University of Texas Southwestern  
Prof. Ryan Hayward – University of Massachusetts, Amherst  
Prof. Marc Hillmyer – University of Minnesota  
Prof. Bradley Olsen – Massachusetts Institute of Technology  
Prof. Rachel Segalman – University of California at Berkeley  
Prof. Michael Serpe – University of Alberta  
Prof. Marcus Weck – New York University  
Prof. Mitchell Winnik – University of Toronto  
Prof. Bin Zhao – University of Tennessee

We kindly invite you to **submit oral and/or poster presentations in research areas related to this topic. Abstracts and preprints are due on October 17th, 2011 and have to be submitted** through the PACS website: <http://abstracts.acs.org>. Please contact the organizers with any questions.

**Organizers:**

**Prof. Stephen Boyes**  
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**Prof. William Brittain**

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**Frontier in Polymer Characterization** (Tom Seery, Mark Dadmun)

**The 11th International Symposium on Biorelated Polymers** (Ray Ottenbrite, Carmen Scholz)

**Silicones and Silicone-Modified Materials VI** (Stephen J. Clarson, Michael J. Owen, Steven D. Smith, Mark E. Van Dyke, Michael A. Brook, Joseph M. Mabry, )

**Ion Containing Polymers** (Bob Weiss, Ken Wynne)

**General Topics: New Synthesis and Characterization of Polymers – Poster Only** (Dana Garcia)

**Poly(2-oxazoline)s and Related Pseudo-Polypeptide Structures** (Helmut Schlaad, Scott Grayson, Richard Hoogenboom)

**Joint POLY/PMSE/CELL\* symposium:**

- **Electrospun Fibers from Renewable Materials** (Gordon Selling)

**Joint POLY\*/PMSE symposia:**

- **Federally Funded Polymers Research** (Kate Beers)

- **Next generation renewable polymers** (Chuanbing Tang, Marc Hillmyer, Geoff Coates)

**Paul J. Flory Polymer Education Award**

**Herman F. Mark Polymer Chemistry Award: Symposium in Honor of Krzysztof Matyjaszewski** (Rigoberto Advincula)

**POLY\*/PMSE Plenary Lecture & Awards Reception** (Sheng Lin-Gibson, Jeff Youngblood, Scott Iacono)

**Excellence in Graduate Polymer Research** (H. N. Cheng, Christopher J. Ellison, Timothy E. Long, Christine Landry-Coltrain)

**Undergraduate Research in Polymer Science** (Sunday; Sarah E. Morgan, Sergei Nazarenko)

**\*indicates primary organizer of cosponsored symposium**