

# SPE BIOPLASTICS SIG

Summer Newsletter, 2014



## CHAIR'S COMMENTS

Let me start out by saying "Hello to all members of the SPE Bioplastics SIG." We are starting out with new and renewed board members and a "News Post." This will be the first of quarterly postings as we begin the new fiscal year.

This first posting will be dedicated to the upcoming 2<sup>nd</sup> Bioplastics Materials Topical Conference 2014. If you need additional information in your field of endeavor or just wanting to know more, this is a conference to attend. Details are below and attached. Please forward to peers, managers and colleagues about this great conference.

**Sam McCord**



## 2<sup>nd</sup> Bioplastic Materials Tutorial & Topical Conference

September 30 - October 2

*The World of Biopolymers  
Expanding Markets, Materials & Applications*



### **Pre-Conference Tutorial: September 30, 2014 Conference date is October 1-2, 2014**

#### **Invite Speakers:**

Kenneth Miller, President, KFM Associates, "Role of Bioplastics in a Circular Economy."  
Willem Devos, CEO, SPE, "Innovation in the Age of Interaction."

#### **Program Speakers & Companies**

Brigham Young University, Alan Boardman	Clemson University, Doug Hirt
Clemson University, Ala Qattawi	Coperion, Alex Utracki
Green Bottom Line, Kelvin Okamoto	Innovation Plastics & Molding, Robert Joyce
MCG Biocomposites, Sam McCord	Metabolix, Richard Freundlich
Michigan State University, Samaneh Rahimi	Michigan State University, Jeff Schneider
Mississippi State University, Keisha Walters	Teknor Apex Company, Edwin Tam
Teknor Apex Company, Kevin Cai	University of Kassel, Maik Feldmann
U of Mass –Lowell, Margaret Sobkowicz-Kline	

### **Pre-Conference Tutorial – 1 Day (Sept 30)**



**Dr. Kelvin T. Okamoto**

#### Sustainability: Overview

Terminology and Definitions  
Life Cycle Analysis  
Regulations  
Testing



**Edwin Tam**

#### Bioplastic Materials: Overview

Classes of Biopolymers/Bioplastics  
Chemistry  
Typical Properties  
Typical Markets & Applications

## WHO SHOULD ATTEND:

- This conference is intended for a range of companies and individuals involved in bioplastics development, production, sales, marketing, processing and end-use.
- R&D scientists and engineers, formulation scientists, process engineers, quality engineers and application engineers.
- Chemists and chemical engineers involved in development of biopolymers and bioplastics
- Development engineers and research scientists working on new bioplastics developments.
- Bioplastics users and application specialists
- Sales, Marketing, Market Development and Business Developments

**Sponsorships and Online Registration:** <http://tinyurl.com/bioplasticstopcon>

Call Embassy Suite Hotel, Schaumburg, IL directly at 847-397-1313, Group Code: SPE

## Questions? Contact:

Edwin Tam

TOPCON Chair

P: +1 339 222-8076

Email: [etam@teknorapex.com](mailto:etam@teknorapex.com)

## Event Sponsored by:

The [SPE Bioplastics SIG](#) in partnership with the SPE [Chicago Section](#).



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Society of Plastics Engineers | 13 Church Hill Road | Newtown, CT 06740, USA

Note: To ensure delivery to your inbox please add [SPE@4spe.com](mailto:SPE@4spe.com) to your address book.



## OUR MISSION

The mission of the BioSIG is “To provide a unified forum for promoting open exchange of scientific and engineering knowledge related to bioplastics materials that are either Biobased, biodegradable, or both with a sustainability emphasis.”

Areas of interest include synthesis, characterization, processing, structure-property relationships, degradation, product design and development, application development, modeling, regulations and compliance, and life-cycle analyses. To achieve its objectives, the SIG collaborates closely with other interested technical divisions of SPE and organizations to coordinate the dissemination of knowledge and understanding of bioplastics through appropriate channels.



## MEET YOUR BOARD

These are the working members of your Board of Directors and bring a strong commitment and knowledge in guiding our SIG into the future.

### **Chair**

#### **Sam McCord**

CEO/Founder,  
MCG BioComposites LLC

### **Vice Chair & Technical Program Chair**

#### **Abhishek Ambekar**

Sr. Process Improvement Engineer, Celanese,  
Web Content Chair,  
Newsletter Editor/Communications Chair

### **Secretary**

#### **Margaret Sobkowicz-Kline**

Ph. D, University of Massachusetts Lowell

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#### **Lora Liang**

Ph. D, Mendelez International

### **Past Chair**

#### **Douglas Hirt**

Prof. & Chair, Dept. of Chemical & Biomolecular Engg.  
Clemson University



### **Directors**

#### **Kelvin Okamoto**

Ph. D., Green Bottom Line, Inc.  
Co-Chair TopCon 2014

#### **Edwin Tam**

Mgr. New Strategic Initiatives,  
Teknor Apex Company: Co-Chair TopCon 2014

#### **Keisha Walters**

Ph.D. Mississippi State University

#### **Stephen McCarthy**

Prof. University of Massachusetts Lowell

#### **Stephen Laske**

Prof. Montanuniversitaet Leoben

#### **Richard Freundlich**

Global Director of Business Department,  
Metabolix, Inc.

#### **Srikanth Pilla**

Prof. Clemson University



SOCIETY OF PLASTICS ENGINEERS

**ANTEC**<sup>®</sup>



Orange County Convention Center

March 23–25, 2015

Orlando, Florida, USA

## Call for Papers

### Topics:

- Bioplastics Industry
- Technical developments in Bioplastics
- Bio-based Plastics
- Biodegradable Plastics
- Sustainability
- LCA & Carbon Foot print
- Regulation & Legislation
- Process Technologies
- Application Developments
- Design & Innovations
- Compostability

Paper Submission Deadline: September 26, 2014—5 p.m. Eastern (absolute deadline)

Authors must submit a Paper (saved as .pdf) and Abstract by the Paper Deadline in ANTEC<sup>®</sup> format.

Further information may be found at [www.antec.ws](http://www.antec.ws).

Papers will be reviewed by the Technical Program Committee and Authors notified of status or required revisions by October 24, 2014.

**Two submission formats:** Technical; Commercial

**Two presentation styles:** Podium; Poster

**Submit your abstract and manuscript via website:** <http://antec2015.abstractcentral.com/>

### Questions? Contact us:

Abhishek Ambekar

ANTEC<sup>®</sup> 2015 TPC

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Tel: +1 617-922-8633



*2014 BIOPLASTIC MATERIALS TOPCON & TUTORIAL*



**SPONSORSHIP FORM**

**September 30 – October 2, 2014**

Embassy Suites Schaumburg  
1939 N. Meacham Rd.  
Schaumburg, IL 60173

NAME: \_\_\_\_\_ SPE MEMBER #: \_\_\_\_\_  
COMPANY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ COUNTRY: \_\_\_\_\_ ZIP/POSTAL: \_\_\_\_\_  
PHONE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

- **Gold:** \$2,000\*: 2 free admissions to conference only not tutorial; tabletop in exhibition; logo on flyer, website and display at conference event
- **Silver/Tabletop:** \$1,000\*: 1 free admission to conference only not tutorial; tabletop in exhibition; logo on flyer, website and signs at conference event
- **Bronze:** \$500: No free admission to conference nor tutorial; literature to be handed out at event; logo on flyer, website and signs at conference event
- **Breakfast coffee and break coffee/drinks:** \$250 (signs at conference event only)

Exhibition open from Wednesday October 1 10:00 AM through Thursday October 2 1:00 PM. Exhibitors' Reception held Wednesday October 1 evening. All breaks held in exhibition room.

\*Bioplastic Materials 2012 Exhibitors/Silver Sponsors receive a \$250 discount.

**Authorized Signature:** \_\_\_\_\_

**Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_ **Total Payment in US\$** \_\_\_\_\_

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**CCV#:** \_\_\_\_\_ (V/MC: 3 digit on back/AmEx: 4 digit on front)

**Online registration:** <http://tinyurl.com/bioplasticstopcon>

For Embassy Suites Schaumburg hotel reservations, please call hotel directly at (847) 397-1313 and ask for Bioplastic Materials TopCon special rate \$144 per night + tax, deadline for special rate: August 31, 2014

**Contact:** Kelvin Okamoto, Sponsor Chair, kelvin@greenbottomline.com, 847-271-9285

**Co-sponsored by SPE Bioplastics Special Interest Group & SPE Chicago Section**