

# BIOPLASTICS

## COMPOUNDING & PROCESSING 2013

*International industry conference on the profitable use of bioplastics*



Images courtesy of: BRASKEM AMERICA, INC.  
and FKUR PLASTIC CORP.

**May 7-8, 2013**  
Hilton Miami Downtown,  
Miami, Florida, USA

**SPECIAL OFFER: Save \$200 if you register before March 29, 2013**

Organized by:  
Applied Market  
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WORLD

May 7-8, 2013

Hilton Miami Downtown, Miami, FL, USA

Bioplastics continue to draw huge attention from retailers, brand owners and end users. This new class of polymer materials promises to play a key role in meeting consumer demand for more sustainable products that minimize environmental impact during manufacture, use and end-of-life.

However, developing alternatives to today's established petrochemical-based plastics is no easy task. The performance and processing properties of bioplastics are not always inferior but are often very different. That presents huge challenges for those looking to adopt these new resins without incurring a considerable cost premium or delivering a poor user experience.

AMI's third international conference on Bioplastics Compounding and Processing, which takes place at the Hilton Miami Downtown in Miami in Florida, will explore the progress polymer and additive suppliers are making in adapting bioplastics to meet demanding end user requirements without sacrificing sustainability. Delegates will learn from leading polymer and additive suppliers about the latest innovations in bioplastics modification and how these can be incorporated into their own product offerings.

The Bioplastics Compounding and Processing conference's international line-up of expert speakers will also explain how the bioplastics marketplace is adapting to changing end user and consumer expectations. Biodegradability is giving way to sustainability, end-of-life options are turning from disposal to recycling.

Much of the growth in bioplastics production over the coming years is forecast to be in durable biobased polymers, either renewable versions of today's widely used resins or completely new polymer families. Developing polymers that meet these new market requirements will call for deep understanding of the latest standards and regulation. Compounders and processors will need to be familiar with standards such as ASTM D6400 and D6866 and must understand how to comply with programs such as the USDA's Biopreferred Initiative.

Bioplastics Compounding and Processing will present attendees with an unmatched opportunity to engage with experts from around the world. The event will allow attendees to explore the potential for these new materials in the North American market and to gain valuable insight into the latest material and processing advances and most promising application areas.

## CONFERENCE HOTLINE

**Contact: Stephanie Berchem, Conference Coordinator**  
**Tel: +1 610 478 0800**  
**Fax: +1 610 478 0900**  
**Email: [sb@amiplastics-na.com](mailto:sb@amiplastics-na.com)**

Tuesday, May 7, 2013

8:00 Registration and welcome coffee  
9:00 Opening announcements

### SESSION 1 – BIOPLASTICS MARKETS AND DRIVERS

9:10 **World bioplastics markets: Drivers, monomer and polymer developments, and economics**  
Dr. Terence A. Cooper, CEO,  
ARGO GROUP INTERNATIONAL, United States

9:40 **The use of bioplastics in IT applications**  
Dr. Joe Kuczynski, STSM,  
IBM, United States

10:10-10:40 Coffee break

### SESSION 2 – DEVELOPING BIOPLASTICS FOR MARKET REQUIREMENTS

10:40 **Case studies on the commercialization of bio-materials**  
Mr. Roger Avakian, Vice President, Scientific Development,  
POLYONE CORPORATION, United States

11:10 **Sustainability in biopolymers – Braskem's green polyethylene**  
Mr. James A. Kahn, Commercial Manager,  
BRASKEM AMERICA, INC., United States

11:40 **High performance bioblends – Tailored to a wide range of applications**  
Mr. Patrick Zimmermann, Director Marketing and Sales,  
FKUR PLASTIC CORP., United States

12:10-1:40 Lunch

### SESSION 3 – OPTIMIZING PLA PERFORMANCE AND PROCESSING

1:40 **Compounded PLA solutions for the durables market**  
Mr. Frank Diodato, Global Segment Leader, Durables,  
NATUREWORKS LLC, United States

2:10 **Improving HDT and processing of PLA based compounds by adding PDLA to induce high levels of crystallinity**  
Mr. Hugo Vuurens, Director Business Development PLA,  
PURAC BIOCHEM BV, Netherlands

2:40 **Poly (lactic acid) performance and process improvement with additives and masterbatches**  
Mr. Edwin Tam, Manager, New Strategic Initiatives,  
TEKNOR APEX COMPANY, United States

3:10-3:40 Coffee break

### SESSION 4 – COMPOUNDING AND PROCESSING SYSTEMS

3:40 **Process flexibility for compounding biopolymers**  
Dr. Paul Andersen, Director, Process Technology,  
COPERION CORPORATION, United States

4:10 **Innovative biopolymer processing: the MRS devolatilising extruder**  
Dr. Monika Gneuss, VP/Sales & Marketing Manager,  
GNEUSS, INC., United States

4:40 **Tri-kneader: next generation compounding**  
Mr. Michael F. Lazorchak IV, Global Product Manager,  
B&P PROCESS EQUIPMENT AND SYSTEMS, LLC, United States

5:10-6:40 Cocktail Reception

## Wednesday, May 8, 2013

8:30 Welcome coffee  
9:00 Opening announcements

### SESSION 5 – GROWING THE BIOPLASTICS MARKET

9:10 Locking in top bioplastics demands for sustained growth  
Mr. Kalib Kersh, Analyst,  
LUX RESEARCH, United States

9:40 Global bio-PLA industry: key growth drivers & constraints  
Mr. Sumit Sharma, Senior Research Analyst,  
BEROE INC., India

10:10-10:40 Coffee break

### SESSION 6 – MODIFICATIONS OF BIOPLASTICS

10:40 **Bioplastics: from reactive extrusion to high performance nanocomposite materials**  
Prof. Philippe Dubois, Full Professor, Vice-President/Rector for Scientific Research  
UNIVERSITY OF MONS - UMONS, Belgium

11:10 **Utilizing hydrocerol chemical foaming agents to reduce density in PLA sheet**  
Mr. Kirk Jacobs, Director,  
CLARIANT, United States

11:40 **Petro- and renewable biopolymer sourced polymeric coupling agents for (bio) polymer compounds**  
Dr. Karlheinz Hausmann, R&D Fellow- Sustainability Technology Leader,  
DUPONT DE NEMOURS INTL S.a.r.l., Switzerland

12:10-1:40 Lunch

### SESSION 7 – FUTURE DEVELOPMENTS IN BIOPLASTICS

1:40 **Biobased thermoplastic elastomers**  
Dipl.-Ing./Dipl.-Chem. Stephanie Baumann, Academic Employee,  
SKZ-KFE gGmbH, Germany

2:10 **Biodegradability & mechanical properties of PPC-PBAT, PPC-PHB blends**  
Mr. Sung-ik (Kevin) Kim, Senior Researcher,  
SK INNOVATION, South Korea

2:40 Afternoon wrap up and questions

3:00 Conference ends

AMI reserves the right to alter the program without notice.  
The latest program including any new speakers or changes to schedules can be viewed on our website [www.amiplastics-na.com](http://www.amiplastics-na.com)

# Save \$200

**Register before March 29, 2013  
and save \$200**

### CONFERENCE VENUE

The Hilton Miami Downtown hotel is located in the heart of Miami, Florida where you can overlook Biscayne Bay and the downtown skyline; positioned only ten minutes from the most amazing world-class beaches which fosters a variety of recreational activities. The Hilton Miami Downtown is accessible by the Metro Mover which will transport you to an eclectic variety of restaurants and shopping.

### FIVE GOOD REASONS WHY YOU SHOULD ATTEND:

1. Learn about the latest developments in additive and modification technology
2. Hear how brand owner and consumer perception is changing the bioplastics market
3. Network with leading international bioplastics market and technology experts
4. Gain in-depth understanding of important bioplastics standards and regulation
5. Find out more about the newest processing and compounding innovations

Organized by:

APPLIED MARKET INFORMATION LLC



Applied Market Information LLC is the North American operation of Applied Market Information Ltd, Europe's leading supplier of plastics consultancy and information services to the global plastics industry. AMI LLC can offer the full range of AMI services and products to North American clients. Together with our well-established European-based operations this means AMI is well placed to provide a truly global research capability to our clients.

Based in Reading PA, Applied Market Information LLC can supply all of AMI's European directories and CDs and is developing a whole new range of products for the North American market. Its range of specialized services cover individual consulting services, multi-client reports, conferences and publishing.

To find out more about AMI's conference program or any of our other services and products visit our web site at:

**[www.amiplastics-na.com](http://www.amiplastics-na.com)**

**or call the AMI LLC office at: +1 610 478 0800 or**

**Email: [consult@amiplastics-na.com](mailto:consult@amiplastics-na.com)**

## CONFERENCE DETAILS

### DATE AND LOCATION:

May 7-8, 2013  
Hilton Miami Downtown  
1601 Biscayne Boulevard  
Miami, FL 33132, USA  
Tel: +1 305 374 0000



### HOTEL ACCOMMODATION

The conference fee does not include lodging. We have negotiated a special rate of \$149 per night for a single or double occupancy at the Hilton Miami Downtown. Please contact the hotel's reservation department directly and be sure to mention "AMI's Bioplastics Compounding and Processing 2013 conference" to qualify for the special room rate. The hotel rate is guaranteed for a limited number of rooms so do not delay in making your reservation.

### REGISTRATION FEE

Register before March 29, 2013 for only \$990. Thereafter the fee will be \$1190. Registration includes all sessions, conference proceedings, the cocktail reception, luncheons, and break refreshments.

### GROUP RATES

For companies wishing to register two or more delegates, group discounts are available. Please contact the Conference Coordinator for more details.

### SPONSOR THIS EVENT AND PROMOTE YOUR COMPANY

AMI events are more than just arenas for listening and networking. They also represent highly targeted opportunities to enhance your image and promote your products and services to an international audience.

Each event offers the following unique awareness building opportunities: sponsorship of the welcome cocktail reception, lunches, coffee breaks, and much more. For further information please contact the Conference Coordinator at +1 610 478 0800.

### EXHIBITION PACKAGE

This package includes an exhibition space in the conference room where we will be hosting the registration, the cocktail reception and coffee breaks, giving exhibitors maximum exposure. It also includes **1 free delegate place**. Exhibitors may either use tables provided by the hotel or bring their own stand or display. Please note that only a limited number of tables are available. The cost of this package is \$1990. For further information please contact the Conference Coordinator.

### SOCIAL EVENTS

The social events organized for AMI's Bioplastics Compounding and Processing 2013 conference will provide an ideal setting for delegates and speakers to mix business with pleasure. On the first evening, everyone is warmly invited to attend the welcome cocktail reception.

### SUBSTITUTIONS / CANCELLATIONS

Delegates may be substituted at any time at no charge. We ask that you provide ample notification of substitution in order that materials can be prepared. Full refunds, less an administrative charge of \$200 will only be made on cancellations received prior to March 29, 2013. We regret that we cannot make refunds on cancellations received after this date or for no-shows at the conference. Please note that refunds cannot be made on table top bookings.

### FAX FORM TO: +1 610 478 0900

#### CONFERENCE HOTLINE

##### Ms. Stephanie Berchem, Conference Coordinator

Applied Market Information LLC      Tel: +1 610 478 0800  
1210 Broadcasting Road, Suite #103,      Fax: +1 610 478 0900  
Wyomissing, PA 19610, USA      Email: sb@amiplastics-na.com

Please make copies of this registration form for others to use or download a PDF file copy of the brochure from our web site at [www.amiplastics-na.com](http://www.amiplastics-na.com)

## Registration Form

### Bioplastics Compounding and Processing 2013

May 7-8, 2013  
Hilton Miami Downtown,  
Miami, FL, USA

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Company activity: \_\_\_\_\_

### Delegate Details:

(if more than one delegate please photocopy form)

Title: \_\_\_\_\_ First name: \_\_\_\_\_

Surname: \_\_\_\_\_

Position: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Special dietary requirements: \_\_\_\_\_

### Payment Details:

Please make payments in US Dollars (\$)

☐ **Delegate fee** **\$990** \_\_\_\_\_  
(before March 29, 2013)

☐ **Delegate fee** **\$1190** \_\_\_\_\_  
(thereafter)

☐ **Exhibition package** **\$1990** \_\_\_\_\_  
(includes exhibition space  
and one delegate space)

**Total:** \_\_\_\_\_

### Method of Payment:

☐ By Check: In US Dollars (\$), made payable to  
"Applied Market Information LLC"

☐ Bank Transfer: Please call or email for banking  
information. Note: You are responsible for any  
bank charges involved with the transaction.

☐ Visa/Mastercard/Amex      Security Code \_\_\_\_\_

My card number is:

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Name of cardholder: \_\_\_\_\_

Expiration date: \_\_\_\_\_

Cardholder's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Invoice e-mail (if different from above): \_\_\_\_\_