



SOCIETY OF PLASTICS ENGINEERS

BLOW MOLDING DIVISION

Volume 2009 Edition 2

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The James B. Henry Center for Executive Development
Michigan State University, East Lansing, MI

The SPE Blow Mold Division will be hosting its annual conference for the Blow Molding Industry this fall on the campus of Michigan State University. Technical sessions and exhibits will be held on the James B. Henry Center for Executive Development, a newly constructed, state-of-the-art conference center, just minutes from Michigan's state capitol. Guided tours of Bekum America Corporation will be conducted in addition to the regular program.

The conference will feature speakers who cover industry segments in both packaging & industrial applications. From resin developments to machinery innovations to automation, design and safety, no topic will be missed. Attendees to past conferences have expressed great satisfaction regarding the breadth and depth of information they were exposed to during these conferences.

New this year! Plastics 101 mini-sessions

Comprehensive instruction focusing on the technology processes, troubleshooting and methodologies of blow molding. Led by industry experts, these sessions will provide invaluable tips, suggestions and solutions for such areas as:

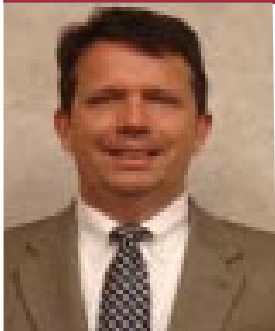
- Continuous Extrusion
- Accumulator Head
- IBM
- Stretch Blow (reheat)
- Polyolefins and PET 101
- Design for Blow Molding
- Co-Extrusion and Engineering Polymers

**Become
a member**
**Join the
SPE
Blow Molding
Division**



Continued on Pg 2

Chairperson's Message



Greetings from the home of the plastics blow molding industry, NW Ohio.

I know there will be more than one member challenge that idea. However, when one looks at the technology portfolio created by Michael

Owens for glass making equipment at the turn of the last century, it is pretty clear the plastics industry benefited from the foundation they built. One of my endeavors during my chairmanship is to get a more thorough history written before we lose all of the people that built our industry. I invite any and all of you who have ideas on how we can make that happen over the next 2 years.

I am pleased to accept the role of Chair of our Blow Molding Division. Like all of the readers of this newsletter, I have been engaged in the blow molding business for many years, 30 in fact.

I always like to admit that I am not the smartest person in the industry, but I have a lot of good experience.

Knowing what doesn't work is as valuable as what does.

We are working hard as a board to bring you a great program at the ABC. Now we need you to attend. The ABC is one of the best values in the conference business. Not only do you get to view state of the art papers, but the networking and the value of meeting your fellow blow molders is invaluable. Get to know your board members who can be your conduit to connect with the right experts when you have a problem. We have material, process, design, and tooling experts on the board. Very little is new.

I'm looking forward to serving you and engaging all of you to make our society prosper.

Scott Steele

Continued from Page 1

The SPE Blow Molding Division's annual awards will be presented at the dinner, which will recognize student scholarships and student design winners. A special segment of the evening will be dedicated to the Division's Lifetime Achievement Award.

Click here for the [ABC 2009 Conference Flyer](#)

Why Attend This Conference?

This conference has been structured to provide blow molding machine suppliers, machinery users, resin suppliers, converters and brand owners (operators, engineers, plant managers, operations managers, purchasing personnel and corporate officers) the opportunity to interact and gain valuable insight regarding blow molding needs and innovations. You will find multiple topics that will provide information to better perform your job; manage your business; and plan for future needs of your customers.

ABC 2009 Conference

Check back here for updates on technical sessions and speakers.

- **Conference Venue**
The James B. Henry Center for Executive Development
3535 Forest Road, Lansing, MI 48910-3831
Tel: (517) 353-4350, Fax: (517) 353-0796
www.msuhenrycenter.org
- **Conference Registration Form**
Click here for the [2009 Conference Registration Form](#)
- **Guest Speaker Opportunities**
If you are interested in presenting a topic at this year's conference, please click here for a [Speaker Abstract Form](#). You can review the [Speaker Guidelines and Presentation Requirements](#) here.
- **Sponsorship and Exhibit Opportunities**
Support this year's event by participating as a sponsor/exhibitor. [Check here for information.](#)



25th Annual Blowmolding Conference **October 7 & 8, 2009**

ABC 2009 is the blow molding industry's premier technical and market-based event.

If you are involved in the producing, designing, specifying, or purchasing of blow molded articles, including those involved in process equipment, auxiliary equipment, molds and tooling or materials.

THIS CONFERENCE IS A MUST ATTEND!

PROGRAM HIGHLIGHTS:

- Technical / Business Overviews
- Packaging
- Industrial / Automotive
- Resin Demands and Opportunities
- Sustainability / Bio-Polymer Advances
- End-User Perspectives
- Trends in Machine Design
- Latest Blow Molding Innovations

CONFERENCE SITE:

The James B. Henry Center for Executive Development
Michigan State University, East Lansing, MI.
www.msuhenrycenter.org

PLANT TOUR:

Bekum America Corporation
Williamston, MI.
www.bekumamerica.com



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2009



For additional conference information and hotel listings,
visit: www.blowmoldingdivision.org



Blow Molding Division

presents

25th Annual Blow Molding Conference

October 7 & 8, 2009

The James B. Henry Center for Executive Development
Michigan State University, East Lansing, MI.

Name _____ Title _____

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

SPE Member ID No (if known) _____

Registration Before September 21, 2009

Registration Fee: SPE Member \$350.00;

Non-Member \$475.00 (this fee includes 1 year SPE Membership)

Fee includes all materials, lunch and dinner

Registration After September 22, 2009 (and at the door)

Registration Fee: SPE Member \$400.00;

Non-Member \$525.00 (this fee includes 1 year SPE Membership)

Fee includes all materials, lunch and dinner

Payment Methods:

1. **Check** — Made payable to SPE Blow molding Division, sent with registration to:
ABC Conference 2009, P.O. Box 964, Holland, OH 43528-0964, USA
2. **Corporate Credit Card** — Call Scott Steele at 419-867-5403
E-Mail: ABC2009@pti-e.com
3. **PayPal®** — (online payment service:
www.blowmoldingdivision.org and choose
conference link on left to register/buy)

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is the only
educational event
you can attend that will
offer the most current
information on blow
molding!

**Fees for Students and Multiple Attendees from the same
Company please contact Scott Steele at 419-867-5403**

ATTENDANCE REGISTRATION FORM

2009



Blow Molding Division

presents

25th annual blow molding conference

Wednesday, October 7

Keynotes:

The Latest Outlook on Blow Molding Resins, Supply & Demand

Howard Rappaport, Global Business Director, Chemical Market Associates, Inc.

APR's New Rigid Plastics Recycling Program

Elizabeth Bedard, Director, APR Rigid Plastics Recycling Program

Green Packaging: Environmental Marketing and Benefits Claims

J.C. Walker, Partner, Keller and Heckman LLP

Technical Papers:

How A Global Bottle Producer Leverages Blow Mold Machinery To A Competitive Edge

Francisco Alves, R&D Director, Logoplaste, Portugal

Integrated PET Blow/Fill and Seal Technology

Tony Maniscalco, Sales Manager, SIPA, North America Inc.

Motion Control Solutions for Blow Molding

David Geiger, Engineering Manager, MOOG, Inc.

Blow Molded Highway Barriers

Leo J. Yodock, III, President, The Yodock Wall Company, Inc.

How to Add Multilayer Capability to Any Blow Mold Machine

Mark Hock, President, FT Technologies

Waterbrick: An Innovative Industrial Container Design

Invited Speaker: Wendall Adams, President, Waterbrick International, Inc.

Compression Blow Molding for Lightweighting

Luca Nanetti, Market Manager, Sacmi Imola, Italy

New Technology for Lightweighting Packages: The oPTI™ Bottle

Frank Semersky, Vice President, Plastic Technologies, Inc.

Technical Papers Cont:

Lightweighting Through the Use of Hydrocerol Chemical Foaming Agents

Frank Neuber, Appls. Development Manager, Clariant Corp., Masterbatches Division

Recyclable Extrusion Blow Molding PET

Jeff Wardat, New Business Development Manager, INVISTA

Advances in Clarifying Agents in Polyolefin Blow Molding

John Price, Senior Development Engineer, Milliken and Company

Simulation Driven Product Development in Blow Molding

Hossam Metwally, Lead Engineer, ANSYS, Inc.

MythBusters: Using HDPE Post-Consumer Resin for Blow Mold Appls.

Pedro Morales, Director of Sales and Marketing and Stephanie Baker, Market Development, KW Plastics, Recycling Division

New Enhanced Performance HDPE for Extrusion Blow Molding

Alan Radwanski, Senior Engineer R&D Plastics, TS&D Rigid Packaging, The Dow Chemical Company

Coated PLA Bottles: A Comparison of Their Performance to PET and Multilayer Bottles

Dr. Rafael Auras, Assistant Professor, Michigan State University School of Packaging

Twin Sheet Blow Molded Fuel Systems

Dave Hill, Project Engineer, Inergy Automotive Systems

IXEF BXT 2000 for Barrier Applications: Product, Marketing and Processing Considerations

Chris Scarazzo, Sr. Business Development Representative and Dwayne Fish, Technical Marketing Engineer, Solvay Advanced Polymers L.L.C.

Ryton Blow Molding: Application and Development

Randy Moynihan, Product Development Specialist, Chevron Phillips Chemical Company

Thursday, October 8

BlowMolding 101 Sessions:

Continuous Extrusion

Klaus Mischkowski, GMX

Accumulator Head

Bob Jackson, President, Jackson Machinery, Inc. and John Rathman, Principal Engineer, Chevron Phillips Chemical Company

Injection Blow Molding

Invited Speaker: Sam Belcher, President, Sabel Plastechs Inc.

Re-Heat Stretch Blow Molding

Donald Miller, Vice President, Technical Services Group, Plastic Technologies, Inc.

Fundamentals of Polyolefin Structure/Property Relationships in Blow Molding Applications

Terry Glass, R&D Leader, Rigid Packaging TS&D, The Dow Chemical Company

Fundamentals of PET

Frank Schloss, Vice President, Materials Development, Plastic Technologies, Inc.

Blow Molding Engineering Thermoplastics

Lew Ferguson, PARISONS

Design for Blow Molding

Geoff Ward, Agri

Oktoberfest Luncheon, Tour and Demo

*at Bekum America Corporation
With Full Production Demonstration of BM-406D MPL
(Multi-Parting Line Technology)*

2009



October 7 & 8

The James B. Henry Center
for Executive Development
Michigan State University,
East Lansing, MI.

Register Today at: www.blowmoldingdivision.org

PLASTIVAN VISITS OKLAHOMA SCHOOLS

The National Plastics Center's PlastiVan visited area schools in Oklahoma the week of October 6. Allen Jackson, the southeastern regional director for the National Plastics Center, provided the demonstrations at the schools. The \$5500 cost for the visits were shared between the Blow Molding Division and the Oklahoma Section in conjunction with the 2008 Annual Blow Molding Conference held in Bartlesville, Oklahoma. The schools visited were:

Oct. 6-7 - Madison Middle School, Bartlesville, OK
Oct. 8 - Wesleyan Christian School, Bartlesville, OK
Oct. 9 - McKinley Elementary School, Norman, OK
Oct. 10 - Apple Creek Elementary, Moore, OK

Brian Grady coordinated with the Oklahoma City area schools;
Lee Carvell coordinated with the Bartlesville area schools.

Feedback after the visits was universally positive from both the teachers and students. One teacher e-mailed: "The kids really enjoyed it and we all learned a lot. We asked a lot a questions which Allen was very good about answering. They all thought it was very cool and were asking me more questions about it the following day. One sophomore told me he wanted to be an engineer and he found the presentation to be helpful. A senior said the same thing. It's hard to know what you want to be when you grow up but activities like this can help. Thanks for the opportunity to enrich my curriculum!"



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E-mail: sales@agrintl.com

www.agrintl.com

Graham Engineering Corporation Continuing Education Grant Program

The Blow Molding Division of the Society of Plastics Engineers and Graham Engineering Corporation co-sponsor a program for continuing education of blow molding industry workers. By making financial resources available to Blow Molding Division member companies, this program will assist more people in obtaining continued education in blow molding and improve their job-related skills.

Up to \$500 per person is available to attend an SPE Blow Molding Conference, an SPE Seminar in Blow Molding, or other program applicable to blow molding.

Eligibility Criteria:

1. The employee must be a full-time employee of one of our member companies (having at least one current member of the SPE Blow Molding Division).
2. The employee's job function must be blow molding related.
3. The employee's academic training must not be higher than Associate Degree.
4. The employee must have company recommendation and support.
5. Costs exceeding \$500 will be the responsibility of the employee or employer.

How to enroll:

1. Submit a request to the Blow Molding Division at the following address:

Mark Heitker
INEOS Technical Center
1230 Battleground Road
LaPorte, TX 77571
Mark.Heitker@ineos.com
2. Include a letter of support from your company.
3. You will be notified of acceptance before the event that you wish to attend.

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IN MEMORIUM

Plastics Hall of Famer Gigliotti dead at 88

by Bill Bregar
April 24, 2009
Plastics News Staff

GLOUCESTER, MASS. (April 24, 11:10 a.m. ET) Michael Gigliotti, who headed the House of the Future project at Disneyland and helped develop early plastic beverage bottles in a 35-year career at Monsanto Co., died April 21.

Gigliotti, 88, was inducted into the Plastics Hall of Fame in 2003. After retiring from Monsanto, he ran a consulting company, MGA Inc. in Gloucester, Mass., in the waterfront home that he shared with his wife, Miriam.

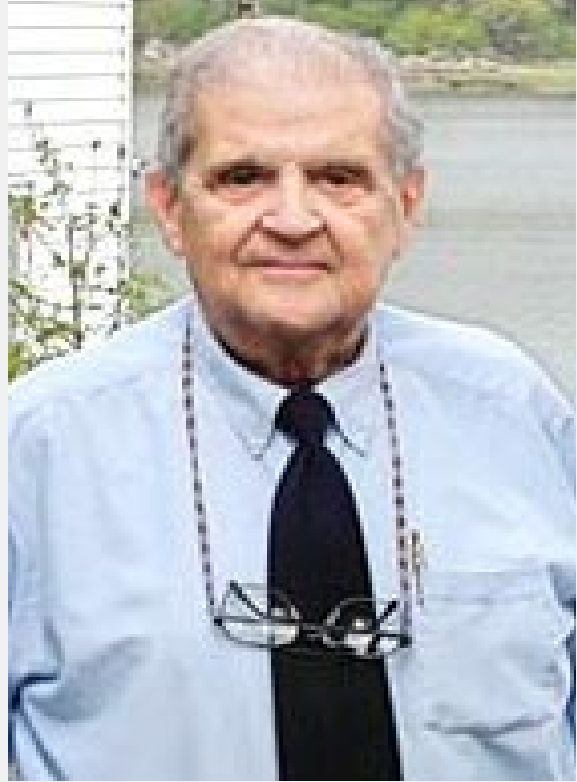
Born in Utica, N.Y., and raised in Hoboken, N.J., Gigliotti graduated from Stevens Institute of Technology in 1942 with a mechanical engineering degree. Monsanto hired him to work in its 3-year-old Plastics Division.

When he was just 25, Monsanto named him supervisor of design engineering on a major expansion of its production of vinyl, polystyrene and melamine resin complex in Springfield, Mass. Later, he headed two other resin plant construction projects.

Monsanto then picked Gigliotti to head a new effort launched in 1955, the Structural Plastics Engineering Group, which worked with the Massachusetts Institute of Technology to design a plastic house. The result, an exotic, space-age house with four elegant wings cantilevered off a central pedestal, was built at in 1957 at the new Disneyland theme park in Anaheim, Calif.

Gigliotti played a key role in creating building codes for plastics products, working with the Society of the Plastics Industry Inc. From 1961-1968, he was director of process engineering and technology for Monsanto's Plastics Division.

In the late 1960s, the company again assigned Gigliotti to a groundbreaking project: lead a team to develop plastic packaging with low levels of oxygen permeation. The result: the first plastic soda bottle, of acrylonitrile, not PET.



Coke introduced the Easy-Goer 32-ounce plastic bottle in 1975.

As a consultant, Gigliotti also had a major role in the move by Bekum Maschinenfabriken GmbH, the German blow molding machinery maker, starting its U.S. operation in 1979.

Gigliotti remained actively involved in the global plastics industry. He recently nominated Trevor Evans, chairman of Nampak Ltd. of South Africa, to the Plastics Hall of Fame. Evans will be inducted into the hall during NPE2009.

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For more information please contact:

Marla Farns Manager, Technology Licensing T: +1 302 683 3068 E: loly.farns@invista.com

Mike Gardner Research Scientist T: +44 164 257 2220 E: michael.gardner@invista.com



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Executive Meeting

□ **Call to order at February 16, 2009 @ 5:00pm**

Present: Benjamin Lopez,
Scott Steele
Jonathan Meckley
Mark Heitker
Bob Jackson,
Gary Carr
John Rathman

- Review Deirdre M. Turner 2009 tasks & objectives
- New meeting structure proposal (web / conference calls)
- 20year SPE BOD service award

Continued on next page

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Contact: Jeff Light, A-ToP Senior Account Executive
Director – SPE Blow Molding Division

Board of Director's Meeting

Minutes of the Board of Directors of the Blow Molding Division of SPE,
Meeting held on February 17, 2009 Atlanta, GA Callaway Gardens

❑ **Call to order at 12:30**

BOD Members present: Benjamin Lopez, Bob Fitch, Scott Steele,
Jonathan Meckley, Bob Jackson, Mridula Kapur, Gary Carr, John Rathman,
Kyle Grodzinski, Terry Glass, Daryle Damschroder, Geoff Ward,
Gerald Hobson, Clyde Bonhe

BOD Members Excused: Ron Puvak, Mark Barger, Lewis Ferguson
Surendera Agarwal, Mark Heitker, Win Burrington, Bill Galla, Jeff Light, John Headrick,

❑ **Treasurer's Report** – John Rathman

Subject: Winter Treasurer's Report

Since the last report dated October 4, 2008:

Operating Fund Highlights:

Expenses

- \$ 27024 - Remaining ABC 2008 Expenses
- \$ 10500 - Deirdre Turner – 70% remainder of consulting fee
- \$ 2645 - Blow Molding Website Service for 3rd Quarters 2008 and 2nd half website redesign and 50 copies of Newsletter for ABC 2008 distribution
- \$ 1018 - Councilor Travel Expense for Fall 2008
- \$ 716 - ABC 2008 – 30% profit split with SPE National
- \$ 610 - Blow Molding Meetings and Teleconferences
- \$ 450 - Director Shirt Program
- \$ 350 - Tax Preparation for 2007
- \$ 260 - SPE Blow Molding Newsletter Work

Continued on next page



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\$ 239 - ABC 2008 – 10% profit split with SPE Oklahoma Section
\$ 206 - Seed Money for ABC 2009 – Flyer and design work
\$ 26 - Postage and Office Supplies
\$ 4,044 - Total

Income:

\$ 8094 - ABC 2008 Revenues
\$ 5000 - Donation from Chevron Phillips for ABC 2008 Expenses
\$ 2400 - Platinum & Gold Sponsorships
\$ 1049 - SPE 4th Quarter 2008 Membership Rebate
\$ 214 - Interest
\$ 120 - Payment by BOD for shirts ordered
\$ 16,877 - Total

Disbursement Fund Highlights:

Expenses

\$ 4000 – Plastivan during ABC 2008
\$ 1484 – Student Travel to ABC 2008
\$ 491 - Matthew Zimbicki – Penn State Erie – Student Travel to ABC 2008
\$ 5,975 - Total

Income

\$ 309 - Interest
\$ 309 - Total

We currently have a twelve month \$20,000 CD earning 3.6% interest that will mature on March 12, 2009.
Another 12 month \$5,000 Certificate of Deposit will mature on July 31, 2009, earning 3.7% interest.

Continued on next page


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Grant Fund Highlights:

The January statement has not been released and 2009 interest rate has not been announced. During the year of 2008, the SPE Investment Plan was earning 4.25% interest (about \$640/month)

Our 3 fund's balances are:

<u>Fund</u>	<u>Balance</u>
Operating	\$ 36,593.92
Disbursement	\$ 11,091.21 + \$25,000 in CD's
Grant	\$ 178,455.29 Amount as of December 5, 2008
Total Funds	\$ 251,140.42

Voted and 2/3 vote met approved @ 1:26 (Bob Jackson - motioned)

Councilor's Report – Mark Barger

Council Summary: 10/18/2008

SPE President Bill O'Connell called the meeting to order.

President O'Connell presented his comments on the year to date and the goals for the meeting.

President O'Connell stated that this is the first Council meeting with electronic participation.

Those participating electronically have a voice but no vote in this meeting. President O'Connell talked about all the Sections and Divisions that he has visited and his plans for the rest of his term.

Executive Director Susan Oderwald pointed out that increasing revenue is important to the Society's survival and that attracting new members is vital.

Investments in our Internet technology are expected to help attract new members. The proposed budget assumes membership numbers stabilized at 2008 end-of-year levels. Other revenue-boosting ideas including corporate outreach are actively in process.

Continued on next page



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❑ **Elections**

Council elected the following individuals as Society officers for the 2009-2010 term, which begins at ANTEC (June 22-24).

President-elect – Ken Braney

Senior Vice President – Russell Broome

Vice President – Brent Strong

Non-officer position: Chair for the Council Committee of the Whole - Helen Basso (2009-2010)

❑ **Treasurer's Report**

SPE's financial position is continuing to erode as the year wears on. Lower revenues are the key issue.

Expenses are generally running at or below budget, but not enough to make up the difference in lower revenues. SPE is looking at restructuring its operations in the last quarter of 2008 to be better positioned financially for 2009. The consolidated statement and dashboard can be found at the end of the Councilor's report.

❑ **Budget**

The major Council action was the approval of the 2009 calendar-year budget. A full write-up on the budget was distributed to Councilors and to all Section and Division Board members in preparation for this meeting. The budget that was approved calls for gross income of \$4,840,000, direct expenses of \$4,787,500, and a net income of \$52,500. Of particular note is that rebates to Divisions and Sections will be reduced by 2/3. Council approved the budget unchanged from the original presentation.

❑ **Bylaws & Policies**

The Bylaws & Policies Committee submitted items for consideration by Council:

- Bylaws for Second Reading and Vote
 - 3.3.3 Election Date
 - 10.10.10 foundation
 - 10.10.11 17.6 Temporary Suspension of a Bylaw
- Electronic Participation
 - 5.1 Annual Business Meeting
 - 5.3 Quorum
 - 4.4 Special Business Meetings
 - 2.2.2 Council Meeting Times and Places
 - 2.2.3 Quorum
 - 14.7 Participation and Voting
- Governance Downsizing
 - 3.3.3 Council
 - 1.1 Officers of the Society
 - 5.5.5 Staggering of Terms
 - 1.1.1.1 Executive Committee Membership
 - Policy 022 Vice Presidential Transition
- Policies for Council Review and Vote
 - Policy 015 Special Interest Group Establishment
 - Policy 016 Student Chapter Establishment
 - Policy 020 Code of Ethics
 - Policy 021 Embargoes and Sanctions

Council voted to approve all items as presented.

➤ The SPE Foundation

SPE Foundation Managing Director Gail Bristol updated the Council on the status of the Foundation. She reviewed the grants and scholarships presented so far and noted that the Plastics Pioneers have established a PlastiVan matching-grant program. Foundation finances are tracking well and the Foundation is healthy. The Foundation will be folded back into SPE effective December 31, 2008, as previously approved by Council.

➤ SPE Awards

The SPE Celebrates award ceremony will take place at a luncheon between the two Council meetings on Sunday prior to ANTEC@NPE. SPE will present the International Award, Business Management Award, and Education Award at the Plastics Academy Hall of Fame Dinner on Monday evening at NPE.

Continued on next page

❑ Committee Meetings

Fifteen committees met prior to the Council meetings. The following Committee/Officer Reports were given at the Council meeting:

➤ Sections Committee Report

Councilor Helen Basso, Chair of the Sections Committee, reported on the activities of the Committee. The Committee approved the reactivation of the France Section and the merger of the Palisades and New Jersey Sections. The new Section will be called the Palisades/New Jersey Section.

➤ Divisions Committee Report

Councilor Dale Grove reported on the activities of the Divisions Committee. The Divisions Committee recommends that the New Technology Committee approve the merger of the Radiation Processing of Polymers Europe and Radiation Processing of Polymers North America SIGs. The new group will be called the Radiation Processing of Polymers SIG.

➤ New Technology Committee Report

Councilor Prithu Mukhopadhyay, Chair of the New Technology Committee, announced that the New Technology Symposium will be held on November 11 and 12, 2008.

➤ ANTEC Committee Report

Councilor Bill Arendt, Chair of the ANTEC Committee, noted that paper submissions are up for this year's ANTEC.

➤ Communications Committee Report

Councilor Roger Kipp, Chair of the Communications Committee, reported on the activities of his Committee. The new member handbook is a key output of this team. His Committee also had input into the new SPE website.

➤ Council Committee-of-the-Whole

Brent Strong, Chair of the Committee, conducted the meeting prior to the formal Council meeting. Items discussed at this meeting included rebate structure, status of the Society, student activities update and remote Council participation.

Continued on next page

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➤ 2009 Operating Plan

President-elect Anderson gave Council his thoughts on the 2009-2010 operating plan. He highlighted the emphasis on further engaging Generation X and Generation Y in SPE membership and activities. Key strategic objectives are: membership growth through increasing benefits focused on Generations X and Y; and revenue growth through new partnerships, licensing, and broader marketing efforts to grow non-dues revenue.

Tactics will include continued improvements to the SPE website, corporate outreach, getting the most out of our participation in ANTEC@NPE, and implementation of new technical forums like virtual conferences.

➤ Virtual Conference Demo

SPE Senior Event Manager Lesley Kyle explained the virtual conference that SPE will be hosting in March 2009. This will be a two-day conference using live and recorded presentations, a "cyber lounge," and a virtual trade show. The cyber lounge will be a chat room environment. This event is expected to be attractive in a down economy, in which attendees may otherwise be subject to travel bans and restricted travel budgets. It is also expected to attract individuals from Generations X and Y. The Failure Analysis & Prevention SIG has stepped up to co-sponsor this first virtual conference. A demonstration of the virtual conference technology was shown to Council.

➤ PRESENTATIONS

The Color & Appearance Division returned its rebate to the Society.

The next formal Council meeting is scheduled for June 21, 2009, in Chicago, Illinois.

All relevant Council materials can be found via:

<http://extranet.4spe.org/council/index.php>

Financial information from the Treasurer's Report can be found on the following pages.

ANTEC™@NPE2009:

- NPE 2009 will be held at McCormick Place, June 22-26.
- Formal contact with SPI is in final stages of preparation (no major outstanding issues). ANTEC will be held concurrent with the NPE show. ANTEC will occupy the new West Hall.

Continued on next page



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- SPE Seminars will either be co-located with the technical sessions or in conference center space connecting the Hyatt Regency McCormick Place to McCormick Place.
- Discussions with SPI regarding the appointment of an SPE hotel are under way. Negotiations also continue regarding the scheduling of morning and afternoon sessions.
- Planned submission and review deadlines for ANTEC 2009:
- Online submission site opens by June 30
- Abstract submission: September 4
- Abstracts will be encouraged, but not be required
- Paper submission: November 6
- Paper review deadline: December 12
- Final paper revision deadline: January 9
- Matrix Meeting: January 6

Closing Comments:

- Plans for 2009 Council meetings surrounding ANTEC/NPE are still being finalized. It is possible that there will be only one Councilor's report that encompasses the next three Blow Molding Division BOD meetings, depending on when the Blow Molding Division schedules its 2nd 2009 meeting.

❑ **Education** – Mark Heitker

Subject: Winter Education Committee Report – Activities since the ABC '08 BOD Mtg

Memorial Scholarship program:

Our current scholarship recipients are:

Jessica Patz - Penn State University Erie - 1st year \$8000 Carrie Fox Solin Memorial Scholarship

Nicolas Cruz - Pittsburg State University - 1st year \$4000 John Raymonds Sr. Memorial Scholarship

Russell Ankerbrandt – Ferris State University – 2nd year \$8000 Carrie Fox Solin Memorial Scholarship

Jason Merkle - Ferris State University – 2nd year \$8000 John Raymonds Sr. Memorial Scholarship

Nick Cruz was recognized at the ABC banquet at Wooloroc.

Our scholarship program is being managed through the SPE Foundation.

Program info can be found at the SPE website. <http://www.4spe.org/foundation/scholarships.php>

We are expecting 8 new applications from the SPE Foundation for up to 2 new \$8000 scholarship awards.

A subcommittee has been organized to review the applications during the next few weeks.

Captive Plastics' funing for the John Raymonds, Sr. Memorial Scholarship has ended. The new name for our second award is the ExxonMobil Chemical Scholarship.

2009 Corporate Educational Sponsors:

ExxonMobil Chemical Company plans to contribute \$5000 to our education fund again this year. Thanks to Bob Fitch!

Graham Engineering Corporation supports the Continuing Education Grant Program.

An invioce has been sent for annual contribution of \$2000.

2009 Student Design Competition:

42 project abstracts have been submitted, 2 from Pen College of Technology and 40 from Penn State Erie. The final submissions are due by April 15th and will be judged by the Education Committee. The winning entry will be awarded \$1000 and requested to exhibit their project at the next ABC.

We hosted Matt Zimbicki from Penn State Erie, who displayed his 2008 winning project "Surfboards of Tomorrow", at the last ABC in Bartlesville.

Graham Engineering Corporation Continuing Education Grant Program

(Former Workplace Scholarship):

No new awards during this period.

Blow Molding Division School Grant Fund:

Grants from The SPE Foundation/Blow Molding Division are available to educational institutions seeking funding for the purchase of blow molding equipment or educational resources pertaining to blow molding.

Continued on next page

Eligible items include machinery, installation, tooling, auxiliary equipment, instrumentation, controls, finishing equipment, software, and training or educational modules.

This program is promoted by the SPE Foundation, for information go to <http://www.4spe.org/foundation/blowmoldinggrant.php>.

A request from Penn State Erie for a bottle thickness gauge was received and approved by the education committee. Awaiting purchase documentation.

ABC 2008 Student Activities:

We hosted 16 students and faculty from Pittsburg State University, and 2 students from Penn State Erie at the ABC. Disbursement Funds were used for their conference registration and travel expenses. Both schools used complimentary tabletops in the exhibition area to promote their programs.

PlastiVan:

The PlastiVan visited Bartlesville and Oklahoma City schools during the ABC 2008. The SPE Oklahoma section chapter is providing local coordination and sharing the cost with the Blow Molding Division.

Division web site:

Scholarship, Student Design Contest, and Sponsor information has been updated.

2009 – 2010 Budget:

Proposed Disbursement Fund budget was developed during the Education Committee meeting in Bartlesville and incorporated into the version sent today from J. Rathman

- Budget balanced
- SPE rebate
- Student travel expense policy reviewed

Voted and 2/3 vote met approved @ 2:15 (John Rathman - motioned)

❑ Newsletter Ron Puvak

Newsletter – Interest and Topic Leaders

- PET SBM column – Scott Steele.
- Column Extrusion blow – Gary Carr.
- Industrial Blow Molding column – Ben Lopez.
- Injection Blow Molding column – Ben Lopez.
- Material forecast – Bill Galla
- K07 product review
- Focus on highlights / key issues
- Open participation to the BOD
- Survey – ABC input
- Newsletter review (focus on highlights & key issues)
- Rework our Mission Statement – Gary Carr

❑ Membership – Lew Ferguson (Report this at the meeting)

2007 Through December 31:

2007 New 203 >Primary 112 + Secondary 91 = 203

2007 Suspended through December > 184

2008 Through September 30

2008 New >Primary 49 + Secondary 57 = 106

2008 Suspended through September > 160

D-30 membership is down in September 2008 compared with 2007, as is the Total SPE Membership. Percentage of Primary Members in D30 and our percentage of Primary Members in the SPE Total have decreased marginally. Since 2005, D30 remains consistent at about 5.2 % on the total SPE membership, primary = 3.0 %

Sponsorships – Jeff Light - Registered sponsors remain unchanged although with Babli's recent additions to the web-site, Deirdre and I remain optimistic additions are forthcoming.

Continued on next page

Web Site – Babli Kapur - Updated Site Layout:

- Home
- Sponsors
- Conferences
- Educational Activities
- Technical Information
- Industry Links (roll industry links under blow molding references)
- Blow Molding References
- What's new?

Submenu Details:

- Mission statement (page 3, 2nd click) – J.M.
- BOD Member list - All
- Chair message – J.M.
- BM Division Activities (brief activity list) – J.M.
- Current year BOD meeting calendar – J.M.
- Quarterly Newsletter – R. Puvak
- Award winners – J.M.
- Focal point (responsible for compiling information for this section): J. Meckley

Sponsors: (Conferences)

- ABC Conference (general information - what it is about; listing of past conferences; posting of prior year agenda; prior year attendees list; location and agenda of current year conference)
Focal Point to provide info: ABC co/chairs Link to ANTEC-NPE [SPE & Plastics Industry Event Calendar](#)
Focal Point info: ANTEC Co/chairs
- Link to other conferences

[Continued on next page](#)



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- Continuing Education Grants
- School Blow Molding Grant Program
- Student Blow Molding Design Competition
- Corporate Supporters of Our Educational Programs
Direct Contributors include: Focal Point: M. Heitker
- Captive Plastics, Inc.
- ExxonMobil Chemical Company
- Graham Engineering Corporation

Technical Information:

- History of blow molding (S. Steele)
- Resin types, advantages/disadvantages, properties, test methods
(B. Fitch, J. Rathman, M. Heitker, W. Galla, B. Kapur)
- Fabrication methods: EBM, IBM, ISBM (B. Jackson, S. Steele)
- Types of equipment, molds, tooling
(B. Lopez, G. Carr, K. Grodzinski, D. Damschroder)
- Troubleshooting
Overall focal point: J. Headrick

Blow Molding References:

1st click on BM refs will show topics listed below. 2nd click on each topic will bring up a submenu as shown in following slides. 3rd click on sub-submenu topics will take user to pertinent website. No more than 3 clicks on BM webpage to access information.

- Industry links
- Past ABC (L. Ferguson to send Babli) and ANTEC Blow Molding Division Papers (subject to permission from SPE)

[Continued on next page](#)



UMI: reciprocating screw blow molding technology - APPLICATIONS: dairy, food, beverage, consumer packaging

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- Key Blow Molding Web Sites, Books and Other Media
- Schools with Blow Molding Programs
- (Picture Gallery – idea rejected)

Industrial Links:

- Resin Producers
- Equipment Manufacturers Converters
- Brand Owners e.g., Food & beverage, HIC BM, PC&T, LPBM, etc.
- Regulatory

Past ABC and ANTEC Blow Molding Division papers:

- ABC Conference Archive
- ANTEC Blow Molding Division Archive

What's New:

- ABC Conference
- Display BOD voted best papers from previous year's ABC & ANTEC BM Division
- Quarterly BM Division Newsletter link

June'08 Website Update:

- In summary: Review entire site – correct errors; update information; remove “under construction sites” – B. Kapur
- Remove “under construction signs”
- Post updated Sponsor info
- Post ABC 2008 conference flyer
- Update past ABC information
- Post available BM Reference info
- What's new – modify; post ABC 2008 and newsletter link

July Action Items (Information Needed for July end Update)

- Technical information update
 - History of blow molding write up - S. Steele
 - Resin types, advantages/disadvantages, properties, test methods compile table with input from B. Fitch, M. Heitker, J. Rathman, W. Galla - B. Kapur
 - Fabrication methods: EBM, IBM, ISBM write up - S. Steele
 - Types of equipment, molds, tooling - B. Lopez
 - Troubleshooting obtain info from J. Headrick– S. Steele
- Provide any additional reference information - All
 - BM or Plastics websites
 - Pictures or videos
 - Colleges/Universities with BM programs
 - Brand Owners – T. Glass
 - Regulatory – T. Glass
 - Convert 2002-07 ABC papers to pdf format – Babli

August'08 Action Items (Information Needed for Aug end Update)

- All to review website
- Provide any additional information for reference section
- Check links

Aug'08 End Website Update:

- Finalize website format
- Finalize reference lists
- Industrial Links

Marketing – Gary Carr

Marketing Meeting: February 17, 2009

Last meeting: October 7, 2008

Action Item: Agreed to post student resumes on web site and table top at ABC.

Status ?: Education committee chair Geoff Ward to provide resume's.

- ABC needs to increase brand owner involvement
- How to draw them in?
- Could we enlist them to speak?
- Broaden our scope, ask them, conduct a survey. Put it together and send out.

Action Item:

Board members to submit to Deirdre a few names each of brand owners we are aware of.

Board members can also elect to do direct mailings to contacts with conference details.

Status ?: The personal touch is needed, Board members to reach out to our contacts!

Action Item:

Proposal that each Sponsor be given two 2 free conference registrations for targeted attendees from their direct customer pool. Target end user and converters.

- New Business: ABC 2009 advertising: Improve mechanism to facilitate networking at the Next ABC.

Action Item: Table till the October meeting

OPTION #1: Tipped in AD in Plastics News

- Advertise the ABC with Plastics News
- Run a one time 8 1/2" x 11" Tipped insert in Plastics News to the 5,951 blow molding processors in their mailing list.
- Schedule insert for approximately 1 month prior to event

Action Item: Investigate cost of ad in Plastics News

OPTION #2: Repeat Plastics News e-mail blast:

- ABC 2008 sent 4,701 e-mails
- 3,156 received
- Unique open 414
- Unique clicks 55
- Visited registration page 15
- Cost: ~ \$2,000

Action Item: Focus on print material and have the ABC program ready prior to NPE, pass out in board member booths: G. Carr

Action Item: Investigate whether the Blow Molding Division can display at the SPE booth during NPE 09 or possibly have a 10'x10' booth with rotating board member support. Kyle G.

- Newsletter – Ron Puvak

Action Item: Full board support is needed to provide content. Most recent Newsletter was all ads! Postcards mailing to check efficiency. On hold – May be able to use e-mails for verification – RAP can use new blast program.

- This helps our ABC's e-mailing list.
- Speak with national.
- Newsletter editorial schedule for 2009:
 - Publish by:
 - Announce Lifetime awardees
 - ABC 2009 Major article and registrations
 - ABC 2008 presentation – one selected
 - Industrial Blow Molding column – Ben Lopez.
 - Publish by:
 - ABC 2009 focus
 - Column Extrusion blow – Gary Carr.
 - ABC 2008 presentation – one selected
 - Sabic ANTEC paper
 - Sponsorship supplied Press Release Jeff Light to send a note to the sponsors
 - Publish by:
 - ABC 2009 focus
 - Injection Blow Molding column – Ben Lopez.
 - ABC 2009 presentation – Preview???
 - Publish by:
 - ABC 2009 wrap-up
 - PET SBM column – Scott Steele.
 - ABC 2009 presentation – one selected
 - News Briefs
 - Focused columns could be generated.

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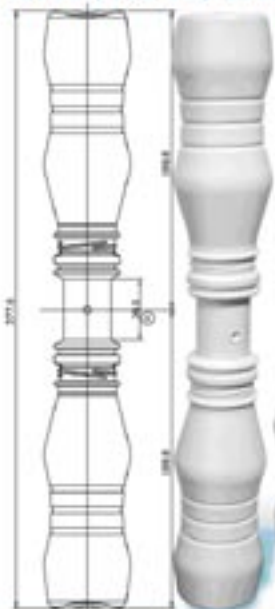
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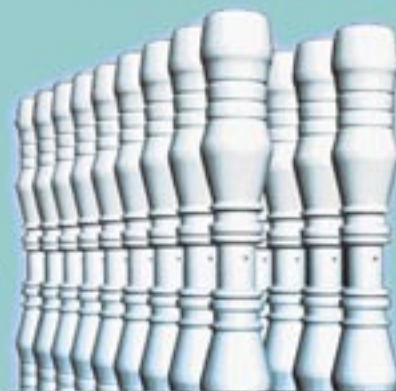
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