



SOCIETY OF PLASTICS ENGINEERS

BLOW MOLDING DIVISION

Volume 2011 Edition 2



Annual Blow Molding Conference

Plan your October now!!!!

The SPE Blow Molding division is pleased to announce our 27th Annual Blow Molding Conference and Exhibition. We return to the Windy City for **THE** Blow Molding event of the year.

THE DATE: October 12-13, 2011

THE LOCATION: Chicago Marriott O'Hare

Once again the industry will gather to discuss, network and learn about the pertinent developments surrounding Blow Molding technology/innovation/market trends. A program is taking shape and will be released after ANTEC. This will give everyone ample time to organize their schedules to make sure they can attend.

Attending this conference you can expect to:

Understand the advancements in technology and processes from industry experts.

Discover techniques/applications that impact your productivity and allow you to benchmark your operations.

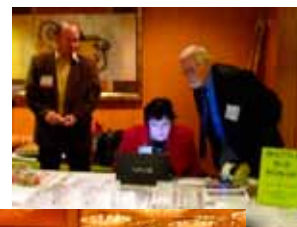
Network one-on-one with leading manufacturers and with industry peers and colleagues.

Be able to attend Mini-Sessions featuring comprehensive instruction focusing on technology, troubleshooting and methodologies.

The program today includes:

- Technical/Business Overviews • Packaging Machinery Advancements
- Blow Molding Optimization • Injection Blow Molding Technology
- Co-Extrusion Technology • Industrial and Automotive Materials and Applications
- Packaging Sustainability and Recycling • Barrier Technology and Options

So look for more information in the near future BUT MARK YOUR CALENDARS, PDA AND SMARTPHONES with these dates now!



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Chairperson
Ben Lopez

Secretary
Mark Heitker

Treasurer
Terry Glass

Councilor
Mark Barger

Past Chairperson
Scott Steele

COMMITTEE CHAIRPERSONS

Education
Geoff Ward

Marketing
Gary Carr

TPC Chairperson
Surendra Agarwal

ABC Conference
Coordinator
Deirdre Turner

*Become
a member
Join the
SPE
Blow Molding
Division*

See flyer on page 3 - 4



Chairperson's Message



I would like to thank Scott Steele and our former Chair holders for their dedication and commitment to our industry in supporting the SPE duties and promoting further plastic education to schools, universities and our industry.

Our industry climate is changing daily - we deal with global mergers, new resins, different meaning of sustainability/recycling and changes in EPA/Global regulations. Our board members have outlined many of these topics in the agenda for an interesting SPE Annual Blow Molding Conference that will take place in Chicago, Ill on Oct 12-13, 2011. This event will encompass the latest technologies, processes, resins and trends around the blow molding industry. We invite you to attend our presentations, participate in our 101s and to support us with our call for papers and sponsorships for upcoming conferences and newsletters.

Students and entry level participants are very welcome to this conference to get an inside look at the blow molding technologies, educational opportunities and

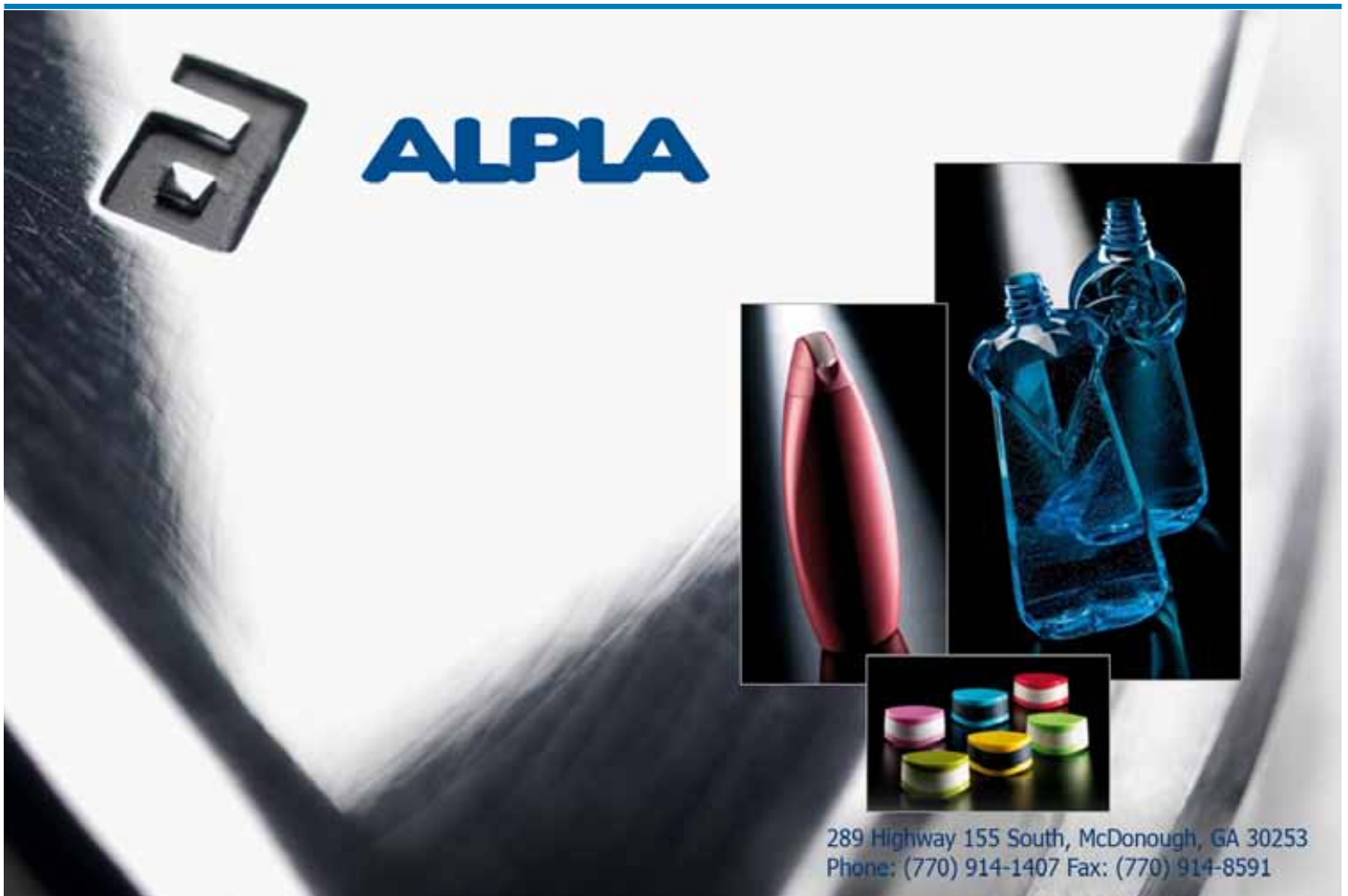
industry contacts. Blow molding is a unique process offering many challenges and future opportunities with high technology requirements. Blow molded products are and will remain a part of everyday life in packaging, automotive, medical and industrial applications. We invite you to join this event and would be pleased to see many of you joining the blow molding community in the future and contribute with your ideas for new developments to our future success.

We appreciate the industry support to further educate and promote the blow molding industry. I invite all to meet our board members; we welcome your active and/or financial assistance to successfully continue the SPE activities. Equally important is your input on the conference and recommendations for future events.

I would like to thank all our board members for their work and extra efforts with their board responsibilities and in organizing our conferences throughout the year with our events coordinator. I look forward to working with you and your continued support.

We have many tasks to fulfill over the next years, but I am confident that with our board members involvement we can complete them.

With best regards,
Benjamin Lopez
SPE Blow Molding Division Chairman

A large graphic featuring the ALPLA logo in blue, stylized letters. To the left of the logo is a large, dark, metallic-looking object, possibly a mold or part of a machine. To the right of the logo are three inset images: a red, elongated, teardrop-shaped object; two clear, rectangular bottles; and a collection of small, colorful, cylindrical objects (possibly caps or small containers) in various colors like pink, blue, yellow, and green.

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Annual Blow Molding Conference

WHY ATTEND?

- Understand the advancements in technology and processes from industry experts.
- Discover techniques/applications that impact your productivity and allow you to benchmark your operations.
- Network one-on-one with leading manufacturers and with industry peers and colleagues.
- Mini-Sessions featuring comprehensive instruction focusing on technology, troubleshooting and methodologies.



27th Annual Blow Molding Conference and Exhibits

October 12-13, 2011

Chicago Marriott O'Hare

8535 West Higgins Road, Chicago, Illinois 60631

For Reservations: 1-800-228-9290
or click [here](#) for on-line reservations:

PROGRAM HIGHLIGHTS:

- Technical/Business Overviews
- Industrial and Automotive Materials and Applications
- Packaging Machinery Advancements
- Blow Molding Optimization
- Co-Extrusion Technology
- Injection Blow Molding Technology
- Packaging Sustainability and Recycling
- Barrier Technology and Options

Sponsorship & Exhibits

- Elevate your company's profile at the conference and support the SPE Blow Molding Division.
- An unparalleled networking platform for current and prospective blow molding professionals.
- Demonstrate your latest innovations

In Addition:

Your sponsorship dollars provide educational grants to students, help recruit new members to the Division and support the Annual Blow Molding Conference

Sponsor levels, benefits and registration form available at:
www.blowmoldingdivision.org

New Parts Display

Participate in this unique opportunity for attendees to network and be an interactive part of the knowledge base at a higher level. Rules and Registration Information available at:
www.blowmoldingdivision.org



Blow Molding Division

presents:

27th Annual Blow Molding Conference

October 12 & 13, 2011

Chicago Marriott O'Hare

Chicago, Illinois

Name: _____ Title: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____

SPE Member ID Number (if known): _____

Vegetarian or Special Dietary Needs (specify): _____

Disability: if you require assistance to fully participate in this Conference, please specify:

Registration Before September 23, 2011

Registration Fee: SPE Member \$425.00;

Non-Member \$545.00

(this fee includes 1 year SPE Membership)

Fee includes all materials, lunch and dinner

Registration After September 23, 2011 (and at the door)

Registration Fee: SPE Member \$475.00;

Non-Member \$595.00

(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:

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P.O. Box 964, Holland, OH 43528-0964,
USA

2. Corporate Credit Card:

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E-Mail: ABC2011@pti-e.com

3. PayPal®:

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(choose conference link on left to register/buy)



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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:

Agri Industrial Plastics

Attn: Geoff Ward

301 N. 2nd St

Fairfield, IA 52556

geoff.ward@agriindustrialplastics.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.

Syracuse University

has created a new website to feature its collection of information and images on plastics.

The website, **plastics.syr.edu**, is the largest university-based resource on the history of plastics, according to the Special Collections Research Center at the Syracuse University Library.

It includes images of the more than 2,000 artifacts in the Plastics Collection, plus links to more than 40 archival collections on the history of plastics, and to the library's catalog of several thousand books and periodicals related to the history, science, technology and business of plastics.

You can access past proceedings of the Annual Blowmolding Conferences at <http://www.4spe.org/pfn> user name: ABC Guest password: plastics



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Membership Matters

Reduced Membership Rate for TOPCON Attendees

SPE is offering up to a \$35 discount on membership dues for TOPCON attendees. When an attendee joins SPE or renews his membership when registering for a TOPCON, the dues rate is \$109 for one year. Please be sure to include this special rate on your registration forms.

SPE Launches Member-Get-A-Member Campaign

We're asking all our members and leaders to introduce their colleagues to SPE through our 2009-2010 Member-Get-A-Member Membership Drive. For each paid member you recruit, you'll receive your choice of rewards - including up to one full year of SPE membership and other great choices! And, your Section and Division will receive \$25 for each new paid member recruited through the program (\$7 for student members)!

You can personally invite your colleagues to join by sending an email or by giving them a special Member-Get-A-Member pre-approved application that includes your name and member ID number. The user-friendly MGM web pages offer easy access to recruitment tools and resources.

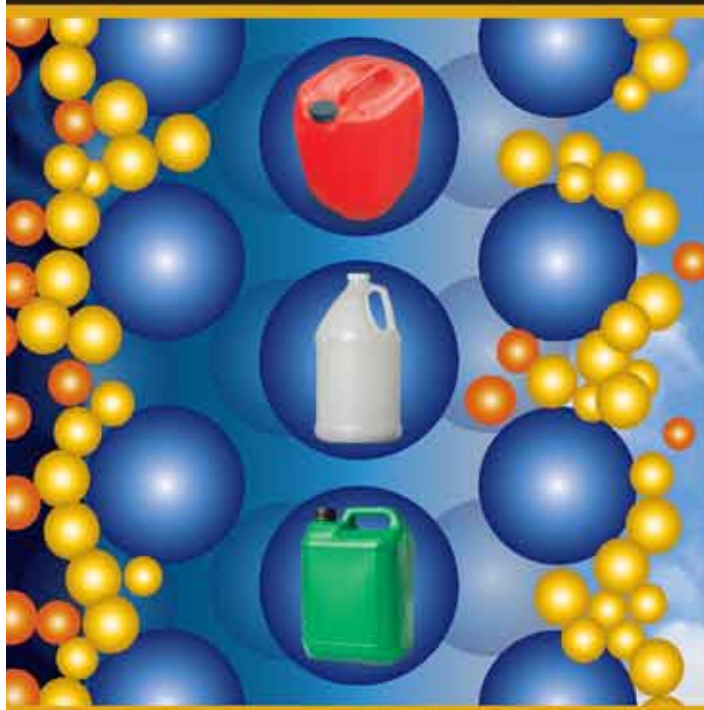
We need to increase participation to increase results.

Help spread the word! Put information about MGM in your newsletter, send your members a newsbrief about the program, and mention MGM whenever you talk with a member.

Think about this -
if each member recruited just one new member, SPE would double in size!

Thanks for your participation.

Enhanced Performance for Blow Molders



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The Blow Molding Division Education Committee**

CKS Packaging
contributed \$1000 to our general education fund

Kautex Maschinenbau
contributed \$500 to our general education fund

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Committee Meetings May 2, 2011

AI = ACTION ITEM

Executive Committee met from 8:00 – 8:50 am.

Attendees: Scott Steele, Ron Puvak, Ben Lopez, Mark Barger, Jon Meckley, Mark Heitker
Discussed succession planning for BOD positions.

AI Ben Lopez – Identify candidate for next Chair Elect and others to begin training for various BOD positions

AI Mark Heitker – Prepare chart showing BOD positions

Marketing Committee chaired by Gary Carr met from 9:00 – 10:45 am

Education Committee met from 9:00 – 10:45 am

Attendees: Geoff Ward, Ben Lopez, Mark Heitker, Mark Barger, John Rathman,
Dale Klaus, Jon Meckley

Reviewed Education Committee Report draft including scholarship application status and sponsors. Awaiting new Scholarship Applications from SPE Foundation. Only the Carrie Fox Solin Memorial Scholarship will be awarded this year. Review Committee to consist of Geoff Ward, Ben Lopez, Mark Heitker, Mark Barger, and John Rathman.

AI Mark Barger – Send listing of BM Division's education support programs to Gail Bristol for the SPE Educational Outreach program

Continued on next page



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Mark Barger reviewed the Student Design Competition review committee's scores for new applications. Consensus reached on a 1st, 2nd, and 3rd place winning entries. All winning entries were from Penn State Erie. Awards will be for \$1000, \$500, and \$300.

AI Terry Glass – Send 3 award checks from the Disbursement Fund to the 3 student recipients.

Discussed opportunities for basic blow molding education programs for technical personnel with a 3 day program proposed.

AI Geoff Ward – Develop outline for proposed scope of this new program.

AI Jon Meckley – Determine if Penn State Erie could be a potential training site.

AI Mark Heitker – Determine if Pittsburg State could be a potential training site.

Reviewed Disbursement Budget update for upcoming fiscal year.

Technical Program Committee met from 10:45 – 12:20 pm.

Attendees: Surendra Agarwal, Gary Carr, Ben Lopez, Jeff Light, Mark Heitker, Randy Moynihan, Ron Puvak, Geoff Ward, John Rathman, Jamie Pace, Dale Klaus, Terry Glass, Henry Vogel, Babli Kapur, Piaras de Cléir, Jon Meckley,

Planning session for ABC 2011 to be held at The Chicago O'Hare Marriott October 11 & 12th. Reviewed Technical Program and Session Topics. Need titles, abstracts, and bullet points for marketing efforts. Project >\$40,000 in sponsorships.

ANTEC 2011 Blow Molding session chaired by Randy Moynihan to be held in Hynes room 310 on May 3rd followed by BM Division Annual Business meeting at 4:30 pm. Sam Crabtree from Dow Chemical was awarded the Dr. Andres Garcia-Rejon Best Paper Award.

ANTEC 2012 – Co chairs to be Randy Moynihan and Babli Kapur

Continued on next page

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Board of Director's Meeting May 3, 2011

AI = ACTION ITEM

□ Call to order at 8:05 am

BOD Members present: Gary Carr, Ben Lopez, Scott Steele, Jeff Light, Mark Heitker, Mark Barger, Randy Moynihan, Ron Puvak, Geoff Ward, John Rathman, Dale Klaus, Jamie Pace, Babli Kapur, Henry Vogel, Cal Becker, Jon Meckley, Terry Glass

BOD Members Excused: Lew Ferguson, Surendra Agarwal, Daryle Damschroder, Bob Jackson, Gerry Hobson

BOD Members Absent: Piaras de Cléir, Clyde Bohne, John Headrick

Guests: Tricia McKnight, Dick Cameron, Jon Ratzlaff

Welcome & Non compete notice – Scott Steele

□ State of the Board – Scott Steele

Ben Lopez is Chair elect. Jeff Light designated as Marketing Committee CoChair.

AI Mark Heitker – Distribute organization chart showing BOD positions and request directors to convey interest in future positions to assist Ben Lopez with succession planning and identify training opportunities.

AI Bob Jackson - Obtain nominee Mike Hall's eligibility documentation to qualify for open position on the BOD.

AI Gary Carr – Contact David Hayward to determine his interest in joining the BOD

Continued on next page

TECHNOLOGY TO MEET ALL OF YOUR BLOW MOLDING NEEDS
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The advertisement features a blue background with several images of industrial blow molding equipment and finished plastic products. The equipment includes large size machines, single and double-sided shuttle machines, and high-output systems. The finished products include tandem blowing bottles, extrusion PET bottles, co-extrusion bottles, and sterile blowing bottles.

Large Size Machines

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High-Output Systems

Tandem Blowing

Extrusion PET

Co-Extrusion

Sterile Blowing

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AI Mark Barger – Contact Donna Davis to see if ExxonMobil has interest in a BOD position.

□ **Review of last Meeting's Minutes and Action Items – Mark Heitker**

Passed around BOD roster. Updated version is attached.

AI Bob Jackson - Review Sam Belcher archives for a new Blow molding book and coordinate with Wiley Publishing.

- Motion to approve minutes with no revisions – Jeff Light, 2nd John Rathman, approved by BOD majority. Minutes and updated action item list are attached.

Discussion on ABCs revenue, major impact is site expenses. Atlanta had high hotel and catering expenses. Focus of our ABC efforts is education.

□ **Councilors report review – Mark Barger**

Sarah Sullivan is assuming Marie Salzo's duties at SPE national. Russell Broome is new president. Society financial performance is much improved.

AI Scott Steele – Arrange Finance Committee meeting to determine the future status of our \$55,000 in the SPE Investment Program

Future ANTEC locations – 2012 Orlando, 2013 Cincinnati, 2014 Las Vegas, 2015 Orlando

Membership is growing. Member survey - #1 reason for joining SPE is Technical Content, #2 is Networking Opportunities. Discussed POAM outline.

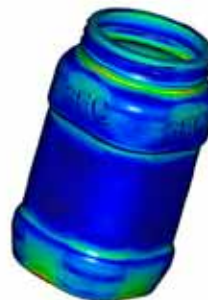
AI Ben Lopez – Mark Barger is term limited. Identify candidate(s) for Councilor for 2012-2015 term and schedule election at Winter 2012 BOD meeting.

Continued on next page

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Discussed new Webinar emphasis for SPE National and new Academic Outreach program to target increased student membership.

- Motion to approve the report by Henry Vogel, 2nd by Jeff Light – approved by majority of BOD

❑ **Technical Program Committee (TPC) – Ron Puvak for Surendra Agarwal**

Need to finalize ABC 2011 program and start producing marketing promotions. Gary Carr toured hotel facilities. Using regional based marketing. Obtaining new email lists. Reviewed ABC session and speakers.

ABC 2012 planning summary. Site options - ABC 2012 Pittsburgh or Atlanta, ABC 2013 Possible return to Atlanta, ABC 2014 Possible St. Louis, Chicago, others

Guest Dick Cameron presented the attached site proposal from the Pittsburg Section.

Discussions on site options.

- Motion to approve TPC report and Pittsburgh for ABC 2012 by Geoff Ward, 2nd by Jon Meckley – approved by majority of BOD

ABC 2012 co chairs will be Ron Puvak and Jon Meckley

❑ **Break 9:55 – 10:10 am**

❑ **Sponsorship subcommittee report – Jeff Light**

Discussed recruitment strategy for ABC 2011. 333 businesses contacted. 17 sponsors confirmed so far for \$39,500.

Continued on next page

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- Motion to approve report by Henry Vogel, 2nd by John Rathman – approved by majority of BOD

AI All BOD - Send at least one contact to Deidre as a potential new sponsor

□ **Treasurers report – Terry Glass**

Reviewed report. Total fund's balance is \$239,290. If the balance goes above \$250,000 outside accounting assistance will be needed for tax return preparation. The Manning & Napier Fund portion of the Grant Fund has had ~7% return and the SPE Investment Fund portion of the Grant Fund return was 3%.

Proposal by the Treasurer to consolidate the Division's four funds.

AI Scott Steele – Arrange Finance Committee meeting to discuss the feasibility of consolidating the Division's funds to simplify our finances and possible use of accounting software.

- Motion to approve the Treasurer's report by Henry Vogel, 2nd by John Rathman – approved by majority of BOD

Motions for proposed changes to the SPE Blow Molding Division's Fiscal Policy – By Laws

The motions to revise Division Fiscal Policy and By Laws were reviewed at the last BOD meeting and published in the last newsletter with no comments received from the Division membership. Motion # 2 does not require a change to the By laws and was withdrawn.

Motion #1

Amend Timing of Beginning of Fiscal Year Fund Transfers By-Law

Current wording in the Policy Manual's Fiscal Policy By Law:

Transfers of funds from the Division Treasury (Operating Fund) to the Grant Fund and from the Grant Fund to the Disbursement Account will be automatic at the direction of the Chairperson each year on July 1, and will not require a motion nor Board approval.

Continued on next page



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Proposed new wording:

Transfers of funds from the Division Treasury (Operating Fund) to the Grant Fund, and from the Grant Fund to the Disbursement Account will be completed at the direction of the Chairperson within the 1st half of each fiscal year, and will not require a motion nor Board approval. Any changes to these transfers (amount and timing) must be approved by a 2/3 vote of the BOD prior to December 31st.

Motion #3

Amend Start of Year Grant Fund Income Transfer to Disbursement Fund

Current wording in the Policy Manual Section G - 19.

In accordance with Division fiscal policy, each July 1, all interest accrued in the Grant Fund, within previous year, shall be placed into the Disbursement Account. Terms of C/D's or other instruments in the Grand Fund shall be timed such that interest is available within three weeks before or after this date.

Proposed new wording:

In accordance with Division fiscal policy, within the 1st half of each fiscal year, any income or gains accrued in the Grant Fund within the previous fiscal year, up to but not exceeding the total annual increase in value shall be transferred into the Disbursement Account.

- Motion to approve Motion #1 – Mark Heitker, 2nd by John Rathman, Approved by all BOD present. 2/3 quorum of BOD was present.
- Motion to approve Motion # 2 – Mark Heitker, 2nd by John Rathman, Approved by all BOD present. 2/3 quorum of BOD was present.

AI Mark Heitker – Update the Division's Policy Manual with these 2 changes and send a revised copy to all BOD.

Continued on next page



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SIPA BERCHI

Reviewed the Education Committee's revision to the 2011 – 2012 Division Disbursement Fund budget.

- Motion to approve the revised 2011-2012 Budget – Mark Heitker, 2nd by John Rathman, Approved by majority of BOD

Jon Ratzlaff announced new SPE National Vice President positions for Marketing and Membership

□ **Education Report – Geoff Ward**

Discussed scholarship program and current recipient status.

Student Design Contest – Mark Barger Three applicants from Penn State Erie chosen for 1st, 2nd, and 3rd place winning entries. Awards will be for \$1000, \$500, and \$300. The recipients will be invited to display a poster on their project at the ABC 2011.

AI Mark Barger – Send winning entries to be posted on our web site.

AI Mark Barger – Send summary and selected images from the winning entries to Ron for the next newsletter.

Discussed student attendees at ABC 2011. Suggested targeting the new student chapter at University of Wisconsin Stout

- Motion to approve the report by Jeff Ward, 2nd by John Rathman - approved by majority of BOD

□ **Awards Sub Committee - John Rathman**

AI All BOD – Complete your scoring spreadsheet for Honored Service and Fellow nominations and return to John Rathman by end of May.

Continued on next page



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AI All BOD – Need Fellows nominations by August 20th. Send to John Rathman.

Frank Hohmann with FGH Systems nominated for 2011 Lifetime Achievement Award by Lew and Ben. Reviewed his qualifications.

- Motion to approve by John Rathman, 2nd by Mark Barger - approved by majority of BOD

AI John Rathman – Send congratulatory letter to Frank Hohmann with invitation to accept award at ABC 2011 banquet. Request his picture for newsletter.

- Motion to approve the report by Jamie Pace, 2nd by Ben Lopez - approved by majority of BOD

□ **Marketing Committee – Gary Carr**

AI Gary Carr – Continue scheduling ABC planning calls every other Friday.

□ **Newsletter subcommittee report – Ron Puvak**

Next issue planned for end of May.

AI Babli Kapur – Pick out some highlights from the ABC 2010 papers for inclusion in the newsletter.

□ **Membership subcommittee report**

Division is up 14 members, total membership is 762. Randy, Daryle, and Jeff are assisting Lew with membership recruitment and retention.

- Motion to approve the report by Jon Meckley, 2nd by Ben Lopez - approved by majority of BOD

□ **Website subcommittee report – Babli Kapur**

Steady progress on new website format, target date for implementation is the 1st week of August.

□ **New Business**

New Blow Molding book proposal. Bob Jackson will initiate work on this book and coordinate with Wiley Publishing. They will use Sam Belcher's material as a starting point. The book and proceeds will be dedicated to the Sam Belcher Scholarship.

Ron Puvak reported on the PTI Fasttrack training programs at the ANTEC 2011.

Discussion on extending the 2nd day of the ABC for expanded 101 training sessions.

AI Ron Puvak – Evaluate creating a Blow Molding sub group on the SPE Linked In site.

AI All BOD – Send photos to Babli for the website and to Ron for the newsletter.
Minimum 300 dpi

Mark Heitker reviewed the attached new action item list generated during this meeting.

ADJOURNMENT:

12:08 pm Motion to adjourn Jamie Pace, 2nd by Ben Lopez – Approved by BOD



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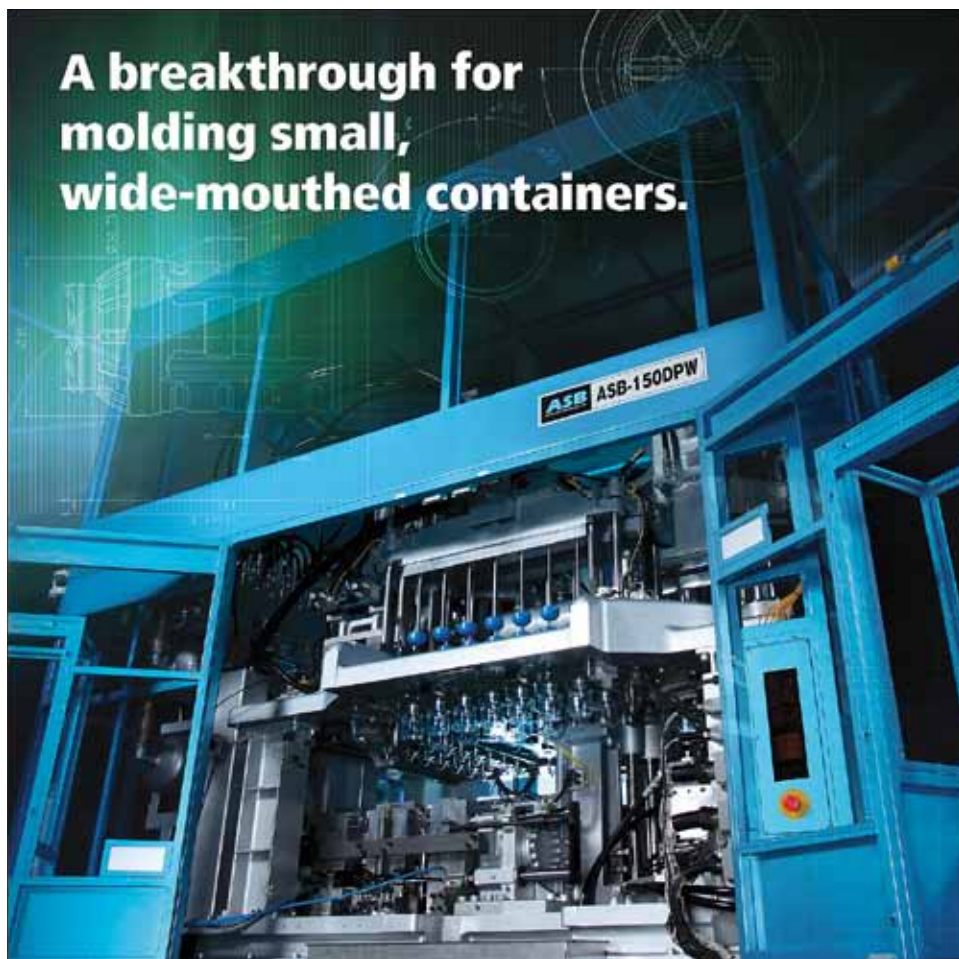
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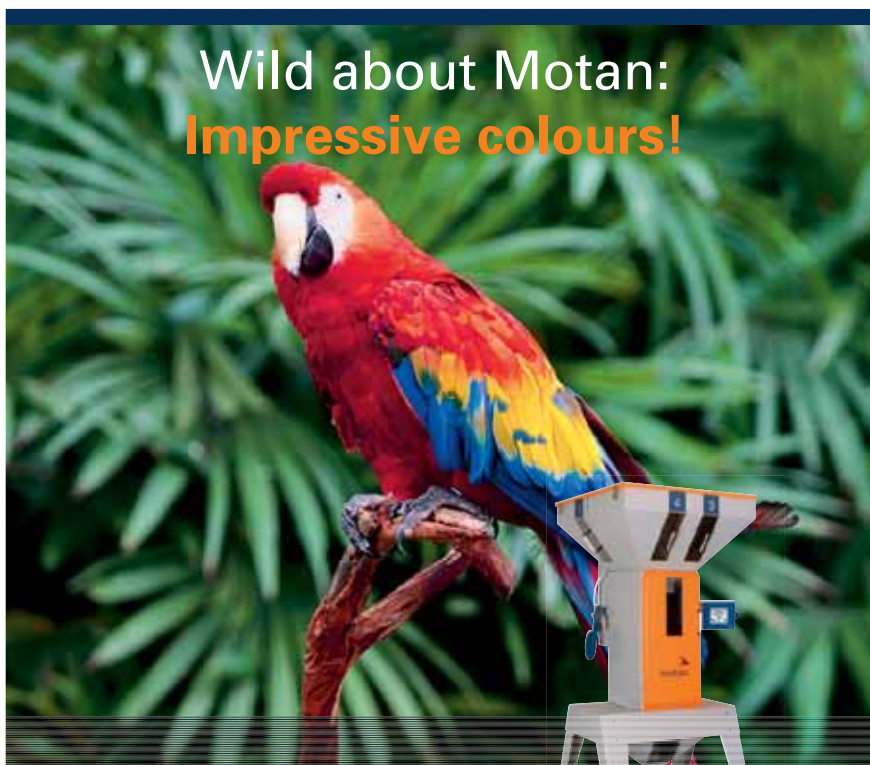
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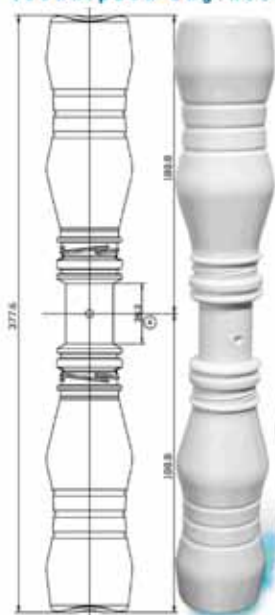
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