Pre-Conference Edition

Annual Blow Molding Conference
ABC 2008

October 8-9, 2008
Chevron-Phillips Technical Center
Bartlesville, OK

The Blow Molding Division of SPE will be hosting the premier forum for the blow molding industry.

The Annual Blow Molding Conference provides blow molders, resin manufacturers, mold-makers, and machinery manufacturers the opportunity to network and interact while learning about the latest innovations in blow molding technology.

Speakers will cover topics from every area of the blow molding industry.
Chairperson’s Message

Things are looking good for the annual Blowmolding Conference in Bartlesville, Oklahoma. The program seems to be shaping up nicely.

Please remember to mark your calendars for October 7th through the 9th. It will be an event you will not want to miss. I look forward to seeing you there.

EXHIBITORS

◆ Nissei ASB Company
  ● Agr International, Inc.
  ● ALPS-Air Logic Power Systems
  ● American Tool & Engineering
  ● AToP Polymers, Inc.
  ● Bekum America Corporation
  ● Confer Plastics, Inc.
  ● Eastman Chemical Co.
  ● EMX Industries Inc.
  ● FPM Tooling & Automation
  ● Graham Engineering Corp.
  ● Kautex Machines Inc.
  ● Plastic Technologies Inc.
  ● RAO Design
  ● SABIC Innovative Plastics
  ● Stopol, Inc.
  ● Southcoast Control Engineering Inc.
  ● Techne North America
  ● ThyssenKrupp Materials NA, Copper & Brass Sales Division
  ● Walton Stout, Inc.
  ● Agri-Industrial Plastics Co.
May 21, 2008

Mr. Richard Smith

Dear Mr. Smith
Agri-Industrial Plastics Company
P.O. Box 950
Fairfield, IA 52556

We are pleased to announce the Board of Directors of the SPE Blow Molding Division has chosen you as the recipient of the 2008 SPE Blow Molding Division Lifetime Achievement Award.

Geoffrey Ward nominated you for this prestigious award. He prepared a detailed list of your many accomplishments and contributions to our industry that clearly showed your qualifications for this award.

We plan to present this award at our Annual Blow Molding Conference banquet in Bartlesville, Oklahoma on the evening of October 8, 2008. We invite you, your family, and any colleagues to join us for this occasion.

Congratulations and Best Wishes,

John Headrick
Society of Plastics Engineers
Blow Molding Division
Awards Chairman

8613 Neuse Hunter Drive
Raleigh, NC 27616
919-559-4247

cc: Geoffrey Ward
# 2008 Annual Blow Molding Conference

Bartlesville Community Center & Chevron-Phillips Technical Center  
Bartlesville, Oklahoma

## Schedule - October 7, 2008 – Bartlesville Community Center

| Auditorium | 5:30 – 7:30 PM | Registration, Exhibits and Reception |

## Schedule - October 8, 2008 Morning – Bartlesville Community Center  
(Registration beginning at 7:30 AM)

<table>
<thead>
<tr>
<th>Session #</th>
<th>Time/Location</th>
<th>Topic</th>
<th>Name/ Company</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Session</strong></td>
<td>Auditorium</td>
<td>Industry Overview</td>
<td>Moderator – Surendra Agarwal, Kraft</td>
</tr>
<tr>
<td></td>
<td>8:30 to 9:30 AM</td>
<td>Review of Key Plastic Materials and PET Outlook</td>
<td>Bob Dennett, CMAI (C)</td>
</tr>
<tr>
<td></td>
<td>9:30 – 10:00 AM</td>
<td>Blow Mold North American Market Analysis</td>
<td>Angela DeRosa, Plastics News (C)</td>
</tr>
<tr>
<td><strong>BREAK</strong></td>
<td>10:00 – 10:30 AM</td>
<td>Networking Opportunity</td>
<td></td>
</tr>
<tr>
<td><strong>Session 1A</strong></td>
<td></td>
<td>Packaging Machinery Advancements</td>
<td>Moderator – Ben Lopez, Bekum America Corp.</td>
</tr>
<tr>
<td></td>
<td>10:30 – 11:00 AM</td>
<td>Cold Air Systems (Blow)</td>
<td>Speaker TBD</td>
</tr>
<tr>
<td><strong>Session 1B</strong></td>
<td></td>
<td>Industrial Processing Equipment Advancements</td>
<td>Moderator – Bob Jackson, Jackson Machinery, Inc.</td>
</tr>
<tr>
<td></td>
<td>10:30 – 11:00 AM</td>
<td>Intro to Accumulator Head &amp; Thermoset Blow Molding</td>
<td>Bob Jackson, Pres., Jackson Machinery Inc.</td>
</tr>
<tr>
<td></td>
<td>11:00 – 11:30 PM</td>
<td>Industrial Materials &amp; Applications Review</td>
<td>Gerald Hobson, Hobson Consulting Ltd. (C)</td>
</tr>
<tr>
<td></td>
<td>11:30AM–12:00PM</td>
<td>Accumulator Head Blow Molding</td>
<td>Erik Skov, Rubbermaid Home Products (C)</td>
</tr>
<tr>
<td><strong>LUNCH</strong></td>
<td>12:00 – 1:00 PM</td>
<td>What Can We Do To Lower Our Costs?</td>
<td>Sam Belcher, Sabel Plastechs, Inc. (C)</td>
</tr>
</tbody>
</table>

## Schedule - October 8, 2008 Afternoon – Bartlesville Community Center

<table>
<thead>
<tr>
<th>Session 2A</th>
<th>PET – New Technology</th>
<th>Moderator – Scott Steele, Plastic Technologies, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 1:30 PM</td>
<td>AA &amp; Worker Safety</td>
<td>Donald Hayward, PTI (C)</td>
</tr>
<tr>
<td>1:30 – 2:00 PM</td>
<td>One &amp; Two Step Stretch Blow Molding Developments</td>
<td>Jamie Pace, Nissei ASB Company (C)</td>
</tr>
<tr>
<td>2:00 – 2:30 PM</td>
<td>PET Topic TBD</td>
<td>To Be Determined/ S. Steele</td>
</tr>
<tr>
<td>Time</td>
<td>Location</td>
<td>Topic</td>
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<tr>
<td>2:30 – 3:00 PM</td>
<td>Measuring Process Conditions on Injection Stretch BM Machines</td>
<td>Prof. Gary Menary, Queen’s University, Belfast, Ireland (C)</td>
</tr>
<tr>
<td>1:00 – 1:30 PM</td>
<td>Wall Distribution and Weight Optimization</td>
<td>John Headrick, Blow Molding Help &amp; Associates</td>
</tr>
<tr>
<td>1:30 – 2:00 PM</td>
<td>Fixed Die Shaping for Extrusion Blow Molding</td>
<td>Don Peters, SPE Fellow (C)</td>
</tr>
<tr>
<td>2:00 – 2:30 PM</td>
<td>Solid Rod to Preformed Parison Annulus</td>
<td>Robert Slawska, Proven Technology, Inc. (C)</td>
</tr>
<tr>
<td>2:30 – 3:00 PM</td>
<td>New Die Technology to Save Money by Finetuning the Thickness Distribution of the Parison</td>
<td>Günter Heinz Gross, Dr.-Ing., Gross Kunststoff – Verfahrenstechnik (C)</td>
</tr>
<tr>
<td>3:00 – 3:30 PM</td>
<td>Networking Opportunity</td>
<td></td>
</tr>
<tr>
<td>3:30 – 4:00 PM</td>
<td>Sustainability and Legislation</td>
<td>Moderator – Ron Puvak, Plastic Technologies, Inc., Terry Glass, Dow Chemical Company</td>
</tr>
<tr>
<td>4:00 – 4:30 PM</td>
<td>Recycle Bank Program</td>
<td>Atul Nanda, VP Midwest Region, Recycle Bank (C)</td>
</tr>
<tr>
<td>4:30 – 5:00 PM</td>
<td>Measuring &amp; Reducing the Carbon Footprint in the Plastics Supply Chain</td>
<td>Dr. Brian Coleman, Simply Sustain LLC (C)</td>
</tr>
<tr>
<td>3:30 – 4:00 PM</td>
<td>Advances in Screw Design</td>
<td>Tim Womer, Xaloy Inc. (C)</td>
</tr>
<tr>
<td>4:00 – 4:30 PM</td>
<td>Melt Filtration and Screen Changers</td>
<td>Tim O’Haren, EAS, Inc. (C)</td>
</tr>
<tr>
<td>4:30 – 5:00 PM</td>
<td>Extrusion Topic TBD</td>
<td>Darcy Mathes, Kice Industries, Inc. (C)</td>
</tr>
<tr>
<td>5:30 – 9:30 PM</td>
<td>Dinner and Awards Guest Speaker: Mitchell Eichelberger, Global Dir. of Licensing, Chevron Phillips Chemical Co.</td>
<td>Woolaroc Museum <a href="http://www.woolaroc.org/">http://www.woolaroc.org/</a> (bus transportation provided from the Bartlesville Community Center to the Woolaroc Museum.)</td>
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</table>

**DAY TWO: Schedule - October 9, 2008 Morning – Bartlesville Community Center**
(Registration beginning at 7:30 AM)

<table>
<thead>
<tr>
<th>Session #</th>
<th>Time/Location</th>
<th>Topic</th>
<th>Name/ Company</th>
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</thead>
<tbody>
<tr>
<td>General Session</td>
<td>Auditorium</td>
<td>Myths &amp; Misunderstandings About Plastics</td>
<td>Rob Krebs, American Chemistry Council, (C)</td>
</tr>
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<td></td>
<td>8:00 to 8:30 AM</td>
<td></td>
<td>Moderator – Lew Ferguson, Parisons</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Topic</td>
<td>Presenter/Sponsor</td>
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<tr>
<td>8:30 to 9:00 AM</td>
<td>Session 4A</td>
<td>Legal Claims on Environmental Packaging</td>
<td>J.C. Walker, Keller and Heckman LLP (C)</td>
</tr>
<tr>
<td></td>
<td>Package Processing</td>
<td></td>
<td>Moderators – Kyle Grodzinski, Techne NA, John Rathman, Chevron Phillips Chemical Company</td>
</tr>
<tr>
<td>9:00 – 9:30 AM</td>
<td></td>
<td>Reducing Cycle Time through Internal Cooling and Post Mold Cooling</td>
<td>John Rathman, Chevron Phillips Chemical Company (C)</td>
</tr>
<tr>
<td>9:30 – 10:00 AM</td>
<td></td>
<td>Extrusion Blow Molding Copolyesters for Fast Moving Consumer Goods</td>
<td>Eugene Dobbs, Eastman Technical Services (C)</td>
</tr>
<tr>
<td>10:00 – 10:30 AM</td>
<td></td>
<td>Maximizing Energy Savings with the Latest Extruder Technology</td>
<td>Chuck Flammer, Kautex Machines, Inc. (C)</td>
</tr>
<tr>
<td></td>
<td>Session 4B</td>
<td>Tooling/Molds and Simulation</td>
<td>Moderator – Daryle Damschroder, Fremont Plastic Molds, Tooling &amp; Automation</td>
</tr>
<tr>
<td>9:00 – 9:30 AM</td>
<td></td>
<td>Is Automation Our Future?</td>
<td>Rick Rahm, FPM Tooling &amp; Automation (C)</td>
</tr>
<tr>
<td>9:30 – 10:00 AM</td>
<td></td>
<td>White Line Scanning</td>
<td>Doug Madsen, Roush Industries, Inc. (C)</td>
</tr>
<tr>
<td>10:00 – 10:30 AM</td>
<td></td>
<td>Modeling of Parison Formation in Extrusion Blow Molding</td>
<td>Dr. Azizeh Mitra Yousefi, Industrial Materials Institute, National Research Council of Canada (C)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Networking Opportunity</td>
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<tr>
<td>10:30 – 11:00 AM</td>
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<td></td>
<td>Session 5A</td>
<td>New Packaging Materials/Applications</td>
<td>Moderator – Bill Galla, SABIC Innovative Plastics™</td>
</tr>
<tr>
<td>11:00-11:30 AM</td>
<td></td>
<td>Innovation Leads to Productivity &amp; Sustainability</td>
<td>Vinay Agarwal, Creative Plastics, India (C)</td>
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<tr>
<td>11:30 AM-Noon</td>
<td></td>
<td>Styrolux SBC Resin</td>
<td>Kevin Alexander, BASF (C)</td>
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<tr>
<td></td>
<td>Session 5B</td>
<td>Automotive &amp; Industrial Materials/Applications</td>
<td>Moderator – Lew Ferguson, Parisons</td>
</tr>
<tr>
<td>11:00 – 11:30 AM</td>
<td></td>
<td>High Melt Elastomers for Enhanced TPO Blow Molding</td>
<td>Dr. Lawrence Effler, Dow Chemical Company (C)</td>
</tr>
<tr>
<td>11:30 – 12:00 PM</td>
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<td>Increasing Throughput &amp; Quality of a Jerry Can</td>
<td>Graham O’Brien, Techne SpA (C)</td>
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<tr>
<td>4:00 PM</td>
<td></td>
<td>Conference Ends</td>
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</table>

**Schedule - October 9, 2008 Afternoon**

**SPECIAL EVENT** 1:00 – 3:45 PM  Lab Tour with Testing Demos; Processing Demos on Six Blow Mold Machines  Chevron Phillips Plastics Technical Center *(bus transportation provided from the Bartlesville Community Center to the Tech Center)*
The Annual Blow Molding Conference is the technical and market driven event for the End-users, blow molders, resin manufacturers, mold-makers, and machinery manufacturers.

- Learn about the advances in machinery, processes and blow molding technology
- Understand where the industry can grow
- Network with End-users, processors, manufacturers, and suppliers

**Conference Site**

Bartlesville Community Center
300 SE Adams Blvd., Bartlesville, OK 74003
(800) 618-2787

www.bartlesvillecommunitycenter.com
www.visitbartlesville.com

**Program Highlights**

- Global blow molding issues and market conditions.
- Rigid packaging technical developments and issues facing the industry today.
- Automotive and industrial in a dynamically changing market.
- Education programs offered by industry experts.

**Speaker To Present...**

- Market Overviews
- Resin, demands and opportunities
- Sustainability / Bio-Polymers initiatives
- End-User perspectives
- Trends in machine design
- Latest blow molding innovations

For additional conference information and hotel listings visit:

www.blowmoldingdivision.org
Blow Molding Division
presents the

Annual Blow Molding Conference
October 8 - 9, 2008
Chevron-Phillips Technical Center
Bartlesville, OK

Name __________________________________ Title ____________________________
Company ___________________________________________________________
Address __________________________________________________________________
City ____________ State ________ Zip____________________
Tel ______________ Fax __________________________
Email ____________________________ SPE Member ID No. (if known) _______________

**Registration before September 21, 2008**
Registration Fee: SPE Member $350.00;
Non-member $475.00 *(This fee includes a 1 year SPE Membership)*
Fee includes all materials, lunch and dinner.

**Registration after September 22, 2008 and at the door.**
Registration Fee: SPE Member $400.00;
Non-member $525.00 *(This fee includes a 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 2008, P.O. Box 964, Holland, OH 43528-0964, USA

   **OR**
2) Corporate Credit Card – Call Scott Steele at 419 867-5403,
   E-mail: ABC2008@pti-e.com

   **OR**
3) PayPal® (on-line payment service: www.blowmoldingdivision.org and choose conference
   link on left to register/buy)

*Fees for Students and multiple attendees from the same company please contact Scott Steele at 419 867-5403.*
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SAMPLES-1 WEEK (SINGLE CAVITY MOLD-1 WEEK
PRODUCTION BLOW MOLDS-2 WEEKS

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Barrington, IL 60011-0084 Milwaukee, WI 53217-0722 info@dqr@gmail.com

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Xenoy* (PC/PBT) resin
Xylex* (PC/polyester) resin
Geloy* (ASA) resin

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LNP* compounds
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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:
   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.
In-Line Opacity Test

One of the important factors in bottle use is the light barrier that the bottle provides to its contents. Since HDPE is a naturally translucent material, pigments are added to create the necessary opacity for the container. The most popular pigment is titanium dioxide, which provides excellent opacity and white coloring. During the manufacturing process it is important to maintain the required quantity of the pigments to achieve the proper opacity acceptable to the customer while protecting the contents from the damaging affects of light.

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Phil Balin, Regional Sales Manager • (828) 488-7551 • pbalin@grahamengineering.com
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Telephone: 001 905-7511826
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Ron Puvak
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Ph: 419-725-5613 Cell: 419-708-1486
E-mail: rpuvak@plastictechnologies.com

CHAIRPERSON
Jonathan A. Meckley
REPC - School of Engineering
5101 Jordan Road
Erie, PA 16563
Ph: 814-898-6147 Fx: 814-898-6006
E-mail: jmeckley@psu.edu

CHAIRPERSON – ELECT
Scott Steele
Plastic Technology Inc.
1440 Timberwolf Drive
PO Box 964
Holland, OH 43528-0964
Ph: (419) 867-5403 Fx: (419) 867-7700
E-mail: s.steele@plastictechnologies.com

SECRETARY
Benjamin Lopez
Bekum America Corporation
1140 West Grand River P.O. Box 567
Williamston, MI 48895-0054
Ph: 517-655-7144 Fx: 517-655-4121
Cell: 517-944-9541
E-mail: blopez@bekumamerica.com

TREASURER
John Rathman
Chevron Phillips Chemical Company
155 Plastics Technical Center
Highways 60 & 123
Bartlesville, OK 74004
Ph: 918/661-3431 Fx: 918/662-2220
E-mail: rathmj@cpchem.com

TECHNICAL PROGRAM CHAIRPERSON
Surendra Agarwal
KRAFT FOODS
Technology Center
801 Waukegan Road
Glenview, IL 60025
Ph: (847) 646-3598 Fx: (847) 646-3398
E-mail: sagarwal@kraft.com

EDUCATION CHAIRPERSON
Mark Heitker
INEOS Olefins & Polymers, Tech Center
1230 Battleground Road
LaPorte, TX 77571
E-mail: mark.heitker@ineos-op.com

COUNCILOR
Mark Barger
The Dow Chemical Company
200 Larkin Center
1605 Joseph Drive
Midland, MI 48674
Ph: 989-636-1263 Fx: 989-636-0194
E-mail: markbarger@dow.com

AWARDS CHAIRPERSON
John Headrick
NAMPAC
4101 Lake Boone Trail, Suite 201
Raleigh, NC 27607
Ph: (919) 751-1828 Fx: (919) 751-2394
E-mail: john.headrick@nampac.com

MARKETING
Gary Carr
Bekum America Corp.
1140 W Grand River
Williamston, MI 48895-0054
Ph: 517-655-7135 Fx: 517-655-4121
E-mail: gcarr@bekumamerica.com

Bob Jackson
Jackson Machinery, Inc.
3830 Highway H
Port Washington, WI 53074
Ph: 262-284-1066 Fx: 262-284-5466
E-mail: bob@jackson-machinery.com

Robert Fitch
ExxonMobil Chemical
37567 Interchange Drive
Farmington Hills, MI 48335
Ph: 248 350 2808 Email: robert.fitch@exxonmobil.com

Win Burrington
TI Automotive
1227 Centre Road
Auburn Hills, MI
Ph. 218-209-3312 Fx: 248-377-1808
Email: wbarrington@us.tiauto.com

Daryle Damschroder
Fremont Plastic Molds
4711 North St., R1 19
Fremont, OH 43420
Ph: 979/238-5684 Cell: 979-709-1735
Email: daryled@fpm.net

Terry Glass
The Dow Chemical Company
Rigid Packaging TS&D Bldg. B-1607
2310 N. Brazosport Blvd
LaPorte, TX 77571
Ph: 979-238-4246 Cell: 979-238-3617
Email: TWGlass@dow.com

LEADERSHIP
Lewis Ferguson
Parisons
9900 Sunset Drive
Stone Harbor, NJ 08247
Ph: 609-368-7230 Fx: 609-368-7229
E-mail: parisons@aol.com

WEB SITE CHAIRPERSON
Mridula (Babli) Kapur
The Dow Chemical Company
Basic Plastics R&D
2310 N. Brazosport Blvd, B-1470-D
Freeport, TX 77541-3257
Ph: 979/238-4246 Cell: 979-236-3617
E-mail: mkapur@dow.com
Board of Directors

Geoff Ward
Agri Industrial Plastics
301 N. 22nd Street
Fairfield, IA 52556
E-mail: geoff.ward@agriindustrialplastics.com

William R. Galla
Sabic Innovative Plastics
7924 Eastbrooke Trail
Poland, OH 44514
Ph: (330) 757-6684
E-mail: William.Galla@sabic-IP.com

Kyle Grodzinski
Techno North America
14845-6 Yonge Street, Suite 351
Aurora, Ont. L4G6H8 Canada
Ph: (905) 751-1828  FX: (905) 751-0096
E-mail: c.grodzinski@techno-it.com

Jeffrey S. Li
A-ToP Polymers, Inc.
47 Rockingham Road
Windham, NH 02832
Ph: (603) 893-4366
E-mail: jeff@a-toppolymers.com