Amcor’s David Clark to deliver the keynote address!

For blow molders serving the packaging industry, sustainability can mean much more than light-weighting bottles and can even generate opportunities.

This will be one of the messages of Amcor Rigid Plastics director of sustainability David Clark, who will deliver the keynote address at the 26th annual Society of Plastics Engineers (SPE) Blow Molding Conference.

“Dave will provide attendees with an overview of Amcor’s sustainability program and how it is integrated into its business strategy and everyday operations,” said Scott Steele, Chairman of the Blow Molding Division and Vice President of Plastics Technologies Inc. “There is general misunderstanding of what sustainability is and why blow molders should care about it. Molders know about light-weighting and recycle use, but they may not be aware of the other opportunities a sustainability mindset can bring to their business.

Clark leads Amcor’s EnviroAction program to enhance the environmental profile of Amcor Rigid Plastics’ plant and products, combining his hands-on technical and project-management skills with an interest in finding more sustainable business strategies. He is closely involved with PET recycling and issues related to the collection, processing and use of recycled containers, as well as integrating sustainable design into Amcor’s product development and innovation processes. David Clark hosts a sustainability blog at http://amcorforwardaction.com/blog/.

The Blow Molding Conference will feature industry speakers presenting segments in both packaging and industrial applications. Planned sessions include: PET/Polyolefins Outlook, Industrial Processing Equipment, Sustainability and Lightweighting, New Packaging Materials and Applications, Industrial Materials and Applications, Blow Molding Optimization and Packaging Machinery Advancements.
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Sustainability: More Than Just Lightweighting Bottles
Dave Clark, Director of Sustainability, Amcor, Rigid Plastics

Global Outlook on Blow Molding Resins
Howard Rappaport, Global Business Director, Chemical Market Associates, Inc.

Fluid Thinking: Converting Requirements into Practical Solutions—How TI Automotive is Aligning Technology, Engineering and Customer Collaboration for the Future
Brian Hildebrand, Engineering Manager, TI Automotive

**BREAK**

**Session 1A - Packaging: Reduce, Re-use and Recycle**

Are Biopolymers Real?
Mark Ocock, Senior Packaging Industry Analyst, Allied Development Corporation

An Updated Perspective on HDPE Recycling & HDPE Poat Consumer Resins
Pedro N. Morales, Director of Sales & Marketing, KW Plastics Recycling

BPA-Free Copolyester Solutions for 5-Gallon Water Bottles
Sam Glover, Market Development Manager, Eastman Chemical Co.

Calcium Carbonate: Incorporating an Inorganic Additive for Partial Replacement of Petroleum Based Resins
Monroe Moore, Technical Service Engineer, Omya, Inc.

**Session 1B - Industrial Green Efforts**

Lawn & Garden Fuel Systems: Meeting the Regulations
Ken Carter, John Deere

Three-layer Solution for Fuel Systems
Duane Fish, Technical Marketing Engineer, Solvay Advanced Polymers L.L.C.

Fluorination for Fuel and Chemical Container Applications
Paul Banks, Senior Vice President, Fluoro-Seal International, L.P.

An Overview of Plasma Permeation Barriers
Edward Yokley, Chief Scientist, StormRider Technologies, Inc.

**BUFFET LUNCHEON**

Regulatory and Legislative Challenges: Mythical or Real?
*Guest Speaker:* Rudy Underwood, Senior Director Government Affairs, American Chemistry Council

**Session 2A - Packaging Machinery Advancements**

PET Blow Molding Technology: Introduction of the Latest Flexible Low Volume Platforms
Jon Elward, Vice President, Sales & Marketing, SIPA North America

**Topic to be determined**
Bruce Clevenger, InterTec

Redefining Blow Molding as a Science (not art) by Closing the Loop
George Hurden, Regional Sales Manager, Kautex Machines, Inc.

New Machinery Developments
Jamie Pace, General Manager, Nissei ASB Company

**Session 2B - Blow Molding Optimization**

New Developments in all Electric Extrusion Blow Molding Machines
Joe Altimari, Sales Manager, FGH Systems, Inc.

Advancements in Single Screw Design for Blow Molding Applications
Jeff Myers, President, Barr, Inc.

Screw Technology for Processing Fractional Melt Bi-Modal HDPE in a Blow Molding Application
Tim Womar, Global Corporate Technical Advisor, Xaloy, Inc.

Improved Mold Performance through Conformal Cooling
Matt Lowney, Engineering Manager, ThremaForm LLC

**BREAK**

**Session 3A - Barrier Packaging Technology**

Barrier Modeling for Success
Scott Steele, Vice President, Development Engineering, Plastics Technologies, Inc.
Registration Form

Name: _______________________________ Title: _______________________________

Company: _______________________________

Address: ________________________________________________________________

City: __________________ State: __________ Zip: __________________

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Email: ______________________________

SPE Member ID No (if known): ______________________________

Vegetarian or Special Dietary Needs (specify): ________________________________

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

Registration Before September 20, 2010
Registration Fee: SPE Member $400.00; Non-Member $525.00
(this fee includes 1 year SPE Membership)
Fee includes all materials, lunch and dinner

Registration After September 21, 2010 (and at the door)
Registration Fee: SPE Member $450.00; Non-Member $575.00
(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 2010,
   P.O. Box 964, Holland, OH 43528-0964, USA

2. Corporate Credit Card:
   Call Scott Steele at 419-867-5403
   E-Mail: ABC2010@pti-e.com

3. PayPal®:
   www.blowmoldingdivision.org
   (choose conference link on left to register/buy)
New this year
ABC 2010 - Blow Molded Parts Display

Attending the conference? Get involved!
New technology • Discussions/networking • Spread the knowledge

Guidelines
Each participant and speaker may display one commercial blow molded part. Multiple participants from the same company may display one part per participant. Parts must be new to the market within the last two years. Separate parts into markets (Packaging, Industrial, Automotive, etc.)

Register ahead - owner has shipping responsibility.
Return shipping and documents must be included with shipment.

Documents should include:
- Permission release
- Blow Molded Part
- 8X10 sign information:
  - Part name - commercial application
  - Blow molding company - manufacturer
  - Mold maker may display part from mold, not mold itself
  - Designer
  - Material
  - Features (up to 25 words)
  (Sign will be prepared by the conference coordinator)

Attach a business card of the contact person or multiple company cards for manufacturer, mold maker, resin supplier.

Size limitation:
May not exceed four (4) feet in any direction. If part is larger you may use an 8X10 photo or contact SPE Blow Molding Division for clarification.

No brochures!
No extra business cards!
No extra pictures!
No molds or equipment!

Just Blow Molded parts
If you would be interested in other options, you may become a Conference Sponsor with all of the display benefits, including your own table.

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This year’s Student Blow Molding Design Competition yielded co-winners.

**Justin Schmader**  
**Blow Molded Utility Pole Transformer**

**Chad Houghton**  
**Impact Resistant Support Columns**

Both are students in the Plastics Engineering Technology program at Penn State University, Behrend College campus. They will attend the 2010 ABC as our guests and display a poster on their projects.

See our website for more information on this annual contest.
The SPE Blow Molding Division’s 2010 ExxonMobil Chemical Company Scholarship has been awarded to David Martin. David is currently in his final year of the Plastics Engineering Technology program at Pittsburg State University (PSU) in Kansas. He recently completed a blow molding internship at Ring Container in Saint Joseph, MO. David competed on the PSU Men’s Track and Field team where he earned All-Conference and Academic All-Conference Honors multiple times. He is active in the Society of Plastics Engineers and was elected as the student Chapter President. Other activities at PSU include serving as an University Student Ambassador, Vice President of the Lambda Sigma Honor Society, and Omicron Delta Kappa Honor Society.

David is married to Rachel and his goal upon graduating from PSU in May 2011 is to obtain a position in Plastics Precessing/Precesses and Quality. Eventually, he would like to manage a plant or warehouse.

Kevin Rudy is the recipient of the SPE Blow Molding Division’s 2010 Carrie Fox Solin Memorial Scholarship. He is a junior at Ferris State University. He has a dual major in Plastics and Rubber Engineering Technology. Kevin is the secretary of the FSU student SPE chapter and a member of the FSU Rubber group, and also works during the school year at FSU as a plastics and rubber lab maintenance assistant. During the summer of 2009, he interned at Advanced Molding Solutions in Grand Haven, MI. This past summer, he interned at Trelleborg Automotive in South Haven, MI.

Kevin plans to graduate in 2012 and obtain a position with a company that specializes in the fabrication of plastics and rubber products.
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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.
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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.
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# D30 DIVISION MEMBERS

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<td>Anthony Brusca</td>
<td>Alba Enterprises Inc.</td>
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<td>William G. Camp</td>
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<td>Stephen A. Orroth Jr.</td>
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<td>Don L. Peters</td>
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<td>Stanley F. Raber</td>
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## Division members with 44 to 40 years of continuous membership in the SPE

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## Division members with 39 to 35 years of continuous membership in the SPE

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## Division members with 34 to 30 years of continuous membership in the SPE

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Frederick J. LePenske
John J. McGarry
James Meinert
John R. Rathman  Chevron Phillips Chemical Company
Glen B. Settlemoir
William Slat
Andrew Wnuk PhD  Procter & Gamble Inc
Michael P. Zielinski  Amcor PET Packaging

**Division members with 29 to 25 years of continuous membership in the SPE**

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<td>David C. Anderson</td>
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<td>Walter W. Axnick</td>
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Patrick Beirne                  Mergon Group Ltd
James R Bell
Clyde J. Bohne                  ExxonMobile Chemical Co
Steven H. Brown                 Jomar Corporation
David M. Busby                  Berry Plastics Corporation, Setco LLC
G. Edward Campbell             G E Campbell & Associates
Gary Carr                      Bekum America Corporation
Casper W. Chiang                Clorox
Mark A. Clause                  Almega Plastics Inc
John B. Daly                    Constar International Inc
Russell P. D’Angelo             Davis Standard LLC
Vincent T. Davies               Vi-Jon
Barry D. Dean
William J. Donovan              Graham Engineering Corporation
Brian L. Dowler                 Constar International Inc
Richard L. Dunlap               Scepter Corporation
John G. Ferguson                Constar International Inc
Joseph S. Gano Jr.              MGS Tech Center
Francis Hannay                  Constar International Inc
David C. Holliman               Chevron Phillips Chemical Co LP
Thomas R. Houdeshell            Constar International Inc
David Hylander                  Berry Plastics Corporation
Christopher Irwin               Constar International Inc
Alan P. Kaufman                 Constar International Inc
Kees Killestyn                  Constar International Inc
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Vic Lust                        Johnson & Johnson Vision Care Inc
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Fred Schmidt                    Constar International Inc
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Eli F. Silva                    Constar International Inc
Scott W. Steele                 Plastic Technologies Inc
Vijay K. Stokes                 Constar International Inc
Bernard Strong                  Strong Plastics Engineering Inc
Louis Tacito                    Plastics Forming Enterprises
William J. Teevans              Liquid Container
David A. Teneyck                CCW Products Inc
Peter Tremmel                   Salga Associates
Mario J. Trboletti              Alcan Packaging
Henry Vogel                     Heise Industries
Steven S. Wagener                Toledo Molding & Die
Charles J. Walls                Bekum America Corporation
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Executive Committee Meeting May 17, 2010

1:35 pm Attendees – Scott Steele, Ben Lopez, Jon Meckley, Surendra Agarwal, Terry Glass, Geoff Ward, & Mark Heitker

Topics discussed:

- Suspension of transfer of 2008 – 2009 Operating Fund excess of prudent reserve.
- Potential 2010 – 2011 Operating Fund shortfalls as current fiscal year expenses are greater than income.
- Possible new BOD member Dan Klaus with Quality Custom Molding, Linn, MO.
- Status of current BOD terms. Check on status of absent members.
- CMAI interest in cosponsoring future ABC.
- Part design competition at ABC.

2:15 pm Adjourn

Education Committee Meeting May 17, 2010

2:20 pm Attendees – Geoff Ward, Ben Lopez, Jon Meckley, Mark Barger, Randy Moynihan, & Mark Heitker

Discussion topics:

- PlastiVan at ABC 2010 – Southern Section to contribute $2500.
- $500 contribution pledge from Kautex Machinery. Need to send invoice.
- $1000 contribution pledge from CKS Packaging. Possible $2000 contribution if used in the southeast. Need to send invoice.
- School Grant application from Pittsburg State for air booster for ISBM machine. Ben Lopez discussed lower cost options with Professor Paul Herring but PSU is still interested in purchasing the air pressure booster for safety reasons. Mark Heitker to request updated cost documentation from Paul Herring.

Continued on next page

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• Student Design Competition - Mark Barger announced 2 co-winners from Penn State Erie. Both will receive $1000 prizes. Send two award checks and post winning entries on our web site. Al
• Discussed sponsoring students at ABC 2010.

3:00 pm Adjourn

Technical Program Committee (TPC) Meeting May 17, 2010

3:50 pm Attendees - Surendra Agarwal, Gary Carr, Kyle Grodzinski, Ben Lopez, Jon Meckley, Scott Steele, Jeff Light, Lew Ferguson, Bob Jackson, Daryle Damschroder, Terry Glass, Mark Heitker, Randy Moynihan, Cal Becker, Henry Vogel, Ron Puvak, Babli Kapur, & Geoff Ward

Discussion topics:
• Goal of 300+ attendees for ABC
• PlastiVan – Partner with Southern Section during ABC.
• Reviewed moderators, sessions & topics, and sponsors for ABC 2010.
• ANTEC 2010 review from Ron Puvak. 2 papers and 2 no shows. Proposed change to format.
• ANTC 2011 – Boston May 1-5, need moderator.

Report is attached

4:35 pm Adjourned
Board of Director’s Meeting May 18, 2010

Meeting held at Orlando World Center Marriott – Site of ANTEC 2010

□ Call to order at 8:00am
  BOD Members present: Gary Carr, Kyle Grodzinski, Ben Lopez, Jon Meckley, Scott Steele, Jeff Light, Lew Ferguson, Bob Jackson, Daryle Damschroder, Terry Glass, Mark Heitker, Mark Barger, Randy Moynihan, Cal Becker, Ron Puvak, Babli Kapur, Geoff Ward, Surendra Agarwal, Henry Vogel
  Guests – Jon Ratzlaff and Tricia McKnight
  BOD Members Excused: John Rathman, Gerald Hobson
  AI = ACTION ITEM

□ Welcome & Non compete notice

□ State of Board - BOD membership and attendance reviewed
  Nominated Piaras De Clear to fill open position on BOD.

□ March 2010 BOD minutes and action items – Mark Heitker
  Motion to approve by Surendra Agarwal, seconded by Mark Barger – approved by BOD

□ 2009 SPE Pinnacle award – Ben Lopez
  Received Gold Award again!

□ 2010 – 2011 Goals & Workplan reviewed – Scott Steele
  - Membership retention
    1. Asked BOD to contact suspended members to encourage renewal. Mention ABC registration includes annual dues. AI Lew Ferguson to send out list of suspended division members to the BOD to call.

Continued on next page
2. Technical Programming
3. Communication – AI Ben Lopez to look into new Communication Award criteria.
4. Organization
5. Awards - need to obtain nominations for this year’s Lifetime Achievement, Fellow, and Honored Service awards. Al John Headrick and John Rathman

- Treasurers report – Terry Glass
  - Transfers completed to new Grant Fund investment, Manning & Napier Fund EXDAX.
  - Motion to approve report by Surendra Agarwal, seconded by Daryle Damschroder – approved by BOD
  - Suspend the transfer of 2008 – 2009 Operating Fund excess of prudent reserve to the Grant Fund and retain in the Operating Fund. Motion to approve by Mark Heitker, seconded by Jeff Light – approved by BOD
  - Add to Oct BOD meeting agenda – Determine if to transfer of 2009 – 2010 Operating Fund excess of prudent reserve to the Grant Fund. Al Scott Steele
  - Send out Education sponsorship invoices to Kautex Machine and CKS Packaging. Geoff Ward to supply contact info and amounts Al to Terry Glass.
  - Send out Education sponsorship invoices to Alpla Inc. Gary Carr to supply contact info and amount to Terry Glass. Al
  - PlastiVan at ANTEC 2010 Request for $500. Motion to approve non budgeted expense by Scott Steele, seconded by Mark Barger – approved by BOD. Request invoice Al Scott Steele. Issue Check from Disbursement Fund Al Terry Glass.

- 2009 – 2010 Budget proposal review – Terry Glass
  - Disbursement Fund
  - Grant Fund
  - Operating Fund

Continued on next page
Made adjustments to line items. Discussion about differentiating Education sponsorships from ABC sponsorships.
Motion to approve budgets by Terry Glass, seconded by Surendra Agarwal – approved by BOD.

**Discussion with Jon Ratzlaff SPE Executive Committee Liaison and Tricia McKnight SPE Divisions Liaison**

- Partnering with other organizations
- Joint promotion of events
- Conference support and email blasts from SPE National
- Send Branding report on Web site design to Babli Kapur AI Jon Ratzlaff
- Send Best Practices to Jon Ratzlaff.
- All BOD encouraged to join SPE Leaders and Volunteers Linked In sub group.
- Need volunteer to set up Blow Molding subgroup on SPE Linked In site. AI Scott Steele to identify volunteer.

10:30 am - 15 minute Break

**Councilors report review – Mark Barger**

- Send our past ABC papers to SPE for PRO website AI Mark Barger
Motion to approve report by Mark Heitker, seconded by Ben Lopez – approved by BOD

**Technical Program Committee (TPC) report – Surendra Agarwal**

- ABC 2010 October 5 & 6 - Partnering with Southern Section.
  Registration fee will be $400 for SPE members and $525 for non members
- Need to designate a marketing liaison with Southern Section AI Gary Carr to find volunteer.
- Invite section reps to conference calls AI Gary Carr

Location for ABC 2011
- Motion to return to East Lansing by Ron Puvak, seconded by Bob Jackson, approved by BOD.
  Co Chairs to be Ron Puvak, Gary Carr, and Kyle Grodzinski.
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Location for ABC 2012
- Form subcommittee to explore new areas. Connect with Lesley Kyle for advice.

ANTEC 2011 May 1-5 in Boston
- Lew Ferguson and Randy Moynihan designated as co-chairs
- ANTEC 2010 review from Ron Puvak. Proposed change to format.

Education Report – Geoff Ward
- School Grant application from Pittsburg State for air booster for ISBM machine. Al Mark Heitker to request updated cost documentation from Paul Herring.
- Investigate Clemson University plastics program. Al Mark Barger.
- Update faculty contact info on list of schools with blow molding curriculum and investigate University of Wisconsin Stout plastics program. Al Jon Meckley

Reviewed Action Item list from most recent BOD conference call.

Awards Committee
- Brooks Heise nominated for 2010 Lifetime Achievement Award. No other applications received. BOD voted to approve Brooks Heise as the Blow Molding Division 2010 LTA recipient. Send congratulatory letter to Mr. Heise and invite him to be recognized at the ABC 2010. Al Scott Steele
- Also need Fellow and HSM nominees. Send updated HSM application to Scott Steele. Al Mark Heitker

Marketing Committee – Gary Carr
- ABC 2010 Updated speaker and topic listing. Send out to BOD. Al Gary Carr
- Friday June 4 Conference call to finalize program. Al Gary Carr
- ABC 2011 location decision tabled until ANTEC BOD meeting.

Continued on next page
Membership report – Lew Ferguson
- Recognition of long time members is continuing.
- Send list of new members to Ron for the next newsletter.

Newsletter Report – Ron Puvak
- Next issue planned for end of June or early July after ABC details are finalized.
- Issue with LTA recipient Brooks Heise on cover planned for end of August or early September.
  Convert Brook Heise’s bio into a form suitable for newsletter and send a picture of Mr. Heise to Ron Puvak.

Website Report – Babli Kapur
- Web site Redesign plans.
- Need volunteers for this subcommittee.
- Need to populate technical info page.
- Update ABC 2010 registration info on web site.
- Update Division Overview for home page.
- Update schools with blow molding curriculum listing.
- History of Blow Molding.
- Fabrication Methods. Contact Don Peters or Bob Delong for help.
- Need pictures for website. Permissions may be needed.
- Resin Characteristic Methods.
- Discussion on where and how to post ABC and ANTEC presentations.
  Topic tabled for discussion at future BOD meeting.

Sponsorship Report – Jeff Light
- 11 paid and 9 pledged platinum sponsors for ABC 2010 so far.
- Ask KW Recycling to upgrade from gold to platinum sponsorship.
- Send sponsor contact and prospect list to BOD for comment & additions. AI  Jeff Light
- Send Division membership list to Jeff Light to mine for company affiliation and possible sponsorship opportunities. AI  Lew Ferguson

☐ New Business – Scott Steele
  - SPE Extrusion Division Student Competition Proposal. Russell Broome is taking this project on. Nothing specific at this point, we are receptive to support it in the 2011-2012 budget if we agree with the scope. Mark Barger to follow progress.
  - Sam Belcher Scholarship proposal. Create solicitation letter and list of possible contributors to contact. AI  Scott Steele and Bob Jackson
  - Create one page summary for part design display at ABC 2010. AI  Lew Ferguson

ADJOURNMENT:
12:30 pm Motion to adjourn Ben Lopez, seconded Bob Jackson – Approved by BOD
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