

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 46th Year of Education and Service to the Plastics Industry

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Costs, Schedules and Reservations

Dinner and Tour	\$25.00
Tour only	\$15.00
Tour	5:30 p.m.
Presentation / Dinner at Erie Station Grille	6:30 p.m.

Call Cathy Herrin before noon,
Feb. 13, and specify any dietary
restrictions.

(330) 849-5173 T
(330) 849-5589 F
cathy.herrin@santoprene.com

Technical Meeting

Monday, February 23, 2004
5:30 p.m.

Diamond America - Tour

399 Commerce Street
Tallmadge, Ohio 44278



By Tom Allen, President; Kurt Houk, Vice President and
Miriam Popick, Sales Eng.

In June of 2000, Akron Extruders was sold to Milacron and ended its manufacturing operations in its Canal Fulton location. Two companies came into existence as a result of that event --Diamond America and Akron Quality Feedscrews. Akron Quality went into operation manufacturing new screws, rebuilt screws and barrels. Diamond set forth creating a new line of single screw extruders. Diamond America spent most of its first year designing the new line of extruders in sizes ranging from 3/4" through 6". In September of 2002, the two companies merged and moved into Akron Quality's expanded facility located in Tallmadge, Ohio.

The tour will include a demonstration of extruder design using Solid Works, and touring their New & Rebuilt screw manufacturing capabilities and extruder assembly area.

Coming Up:

- March meeting: Mar. 22, 2004 at Harry London Chocolate Factory and 356th Fighter Squad
- Board meeting Feb. 9, 5:30 p.m. at AES



President's Message

A SWEETHEART OF A MONTH

A big **THANKS!** to the 5% of our membership that attended our last meeting. The other 95% missed a good one. Dr. Mayland's 2004 economic forecast was interesting and informative.

In case you missed this paragraph last month, here it is again. SPE's International organization continues to face serious financial issues and membership decline. The economy is a contributor to this decline, but it also seems that people in the plastics industry are viewing SPE as not supplying enough value to justify the cost of being a member. If this fits you, it's time to take another look at what SPE can do for you. SPE is fast becoming the top source for plastics and polymer information in the world. Check out the web site at www.4spe.org and you'll find a plethora of knowledge at your fingertips.

Please tell a board member what will bring you out to a meeting (free Beer doesn't work). It's **YOUR Section**; may we count on you to be a part of it?



We've got a sweetheart of programs this year that will benefit our Education Foundation and allow us to continue moving forward with educational programs and opportunities for students studying plastics and polymer curriculum. We can have fun and learn while moving these programs forward in the Akron Section.

In closing, have you ever noticed how plastics engineers think differently? The optimist says the polycarbonate cup is half full. The pessimist says the polystyrene cup is half empty. The plastics engineer says the biaxial oriented PET cup has twice the volume it should have to maintain the freshness of the liquid contained therein.

Have a sweetheart of a February.

See you at our next meeting !!! Invite someone to A TOUR OF DIAMOND AMERICA, with a talk on extrusion, Monday, February 23rd Program and Dinner at Erie Station Grill.
~ **GET THAT SPEcial COMPETITIVE EDGE** ~

Thanks,
Bob Wegelin, President



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Programs for 2003 / 2004

- SEPT. 22-24 Thermoplastic Elastomers
TOPCON -- Hilton
- SEPT. 26 FALL GOLF OUTING
-- Raintree CC
- OCT. 27 Injection Molding – **Process Cooling Systems, Mr. Ted Rudy**
experiences with Injection Molding, Extrusion and Blow Molding engineering and design applications
-- Martin Center
- NOV. 24 Color & Appearance – **Americhem, Inc.**
Mr. Rick Mathew, COO, lunch
-- Tangier
- JAN. 20 Joint Meeting with NTMA, AMBA
-- Guy's
- FEB. 23 Extrusion –Tour- **Diamond America** (single screw manufacture) + talk by **Diamond America & CA Picard** (twin screw elements)
--Tallmadge/Falls
- MAR. 22 Tour - Harry London Chocolate – Food Packaging
-- 356th Fighter Squad
- APR. 26 Auction -- Martin Center
- MAY 14 Spring Golf and Lunch
-- Barberton Brookside
- MAY 24 Awards Night -- Martin Center

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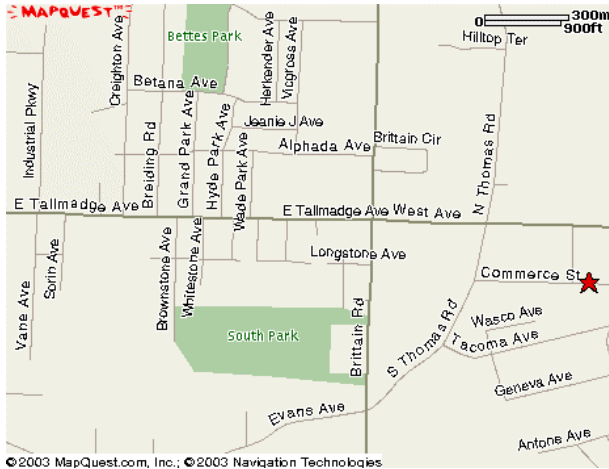
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Map to Diamond America

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Tallmadge, Ohio 44278



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Bob Wegelin Chosen as Honor Service Member

In an informal poll amongst all of our 400 Akron chapter members, Bob Wegelin has been chosen to receive the award for the following:




“Worst Pun Maker”



Bob easily beat all other entries. His total margin was even larger than Senator Kerry's in New Hampshire. Just kidding of course.

Bob has been selected to receive the **Honor Service Member for 2004**. He will join Dave Schultz as the second member of our Akron chapter to receive this important award in recent history. This award is given out yearly by SPE to those members who have demonstrated long-time outstanding service and support to the Society and its objectives. I am the lucky person who nominated Bob and I am very happy they have chosen well. I had to pay them a large sum of money, but that is another subject. So again, congratulations Bob, and if you can attend ANTEC, take in the awards dinner and clap heartily for our President!!

Joe Pfeiffer,
Membership Chair and Newsletter Editor



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Web: www.4spe.org

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all e-mail @4spe.org*

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Gail R. Bristol Managing Director, Foundation	grbristol 740-5447



Minutes of Board Meeting – Jan. 12, 2004

Call to Order: 5:30 pm at AES, Akron

Present:

Ken Kear	Ron Miller	David Katz	Jerry Robinson	Kevin Malpass
Bob Wegelin	Tony Dean	Joe Pfeiffer	Lloyd Goettler	Joe Mattingly
Bud Seymour				

Absent - George Carroll, Kathy Perevosnik, John Woodside, Gary Taylor, Johanna Baena, Ernie Anderson
Guest –Rick Buchanan-ACCESS

David Katz - Thanks for the sodas!

Gary Taylor - Thanks for the excellent Minutes from December!

Minutes: Tony Dean moved and Joe Mattingly seconded a motion to approve all outstanding minutes. Motion carried.

Treasurer: Transition is now complete, Jeff Stachler has turned over the books to Gary Taylor. Gary has received all monies for TOPCON 2003 including seed monies and our portion of the profit. The money has been paid to the Education Foundation - second endorsement of \$5,000.00.

ACCESS - Rick Buchanan: Rick came to give a presentation on why we should join the local group of technical societies that has been around for 56 years. The organization acts as an umbrella organization and includes 10 members. He gave a presentation that was prepared to give an update on their activities which are far reaching in the Akron area. The main drivers of this group are and have been ACS - Local and IEEE each which contribute 800-1000 members the remainder 200-400 range like SPE. They have two large meetings per year and carry on Out Reach activities the remainder of the year. The cost is minimal for what additional exposure we might be able to get- .35/member per year. Board members to check with active ACCESS to determine values to SPE-- D.Schultz- Ruth Murray-ACCESS Sec from ACS-Local, L. Goettler- Ann Bolek-U of Akron, Professional Engineers- T.Dean, and SME- Joe Mattingly.

Officers, 2004: We still need to fill Open positions VP-Program and Auction Chair. Joe suggests that Past Presidents look for new candidates. Joe P will convene a meeting of Auction Committee Members soon and Jerry Robinson was added to that Auction Committee. **Board Members have been requested to bring a new candidate for Committee and/or Board Member next Board Meeting.**

Awards 2004 Update: Joe Pfeiffer is meeting with Dennis Conley 1-14-04 to work out details to get pictures updated at U of Akron. Speaker is needed for Spring.

Student Chapter: Johanna Baena, the new President was not present- conflict with class Monday PM. Johanna has asked for help in setting up plant tours. They plan to have informative meetings on Immigration and Interviewing. The new calendar will be placed at website so that Board Members and Section Members are aware of their activities- Lloyd requested that Board Members attend. ANTEC-Chicago anticipated that they will have 10 to 20 papers plus additional students to attend since it is so close. Lloyd brought up Polymer Processing Society Conference in June 2004. Motion was made by Joe Pfeiffer second by Joe Mattingly to Exhibit-Table top cost \$1000.00-Passed . Gary Taylor please forward a check to Lloyd at U of Akron-PPS 20 and Bob Wegelin to send electronic logo to Lloyd.

Newsletter: Newsletter items, forward to Joe Pfeiffer or Jenny Digiantonio by Feb 5 - include: President's message, Councilor's Report, program list, board list, last year's ads, Feb.meeting info.



Minutes of Board Meeting (*continued*) -- Jan. 12, 2004

Membership: Joe reports that currently membership is 399 and that he has sent welcome e-mails to all new members.

Councilor's Report: The Councilors did discuss at last Council Meeting in Charlotte other ways to handle Rebate Program for 2004 and 05 and set up an Ad hoc Committee to study that will be reported on at next Council Meeting- end of Jan. Bob W reported on survey done by SPE with Section Presidents. Ken and Bob W from Akron Section offered the several alternatives that we had discussed. SPE Intl. reports good news with ahead of target on membership.

Mike Cappelletti will officially retire after 20 plus years of service to International!! Good Luck Mike from Akron Section.

TPE TOPCON 2005: Board has finalized all SPE Akron Section duties tied with TPE SIG for TOPCON 2003. We have decided that we will create an interest bearing account for 2005 funds.

Education Committee: Kathy reported that all Essay and Scholarship information has been sent out after it was updated with help from Kevin Malpass. The Board has decided not to pursue for 2004 the Education Award- Husky \$5,000.00. Plans should be made to consider for year 2005.

Education Foundation: Kevin stressed need to push for new contributors to the foundation. Goodyear and Rubbermaid will probably be exiting the Foundation due to financial situations. Kevin to check status of all contributors including Gen Corp. The end of the year trend is positive for balance. Joe M may attend meeting with Kevin at Merrill Lynch- like to see 6-7% growth. The second half of the year funds will soon be sent to Scholarship students. **ACTION: Need format ideas as to how to inform Members of those companies that do contribute. Testimonial letters, Poster board etc.**

Website: Tony Dean has reported that Calendar on Home page links to key page in Newsletter for attendance to meetings. He has also put pictures of PESO at website from late 2003 activities. Plan to try to tie our website with associated groups as much as possible for future promotion of our Activities.

Program: Program is set. **CONFIRM that all Sections surrounding Akron-Cleveland and Firelands has SAME dates -Joe Mattingly**

- Feb. 23: Tour: Diamond America; speaker Tom Allen: single and twin screw elements - Tallmadge-Erie Station Grill
 - Mar. 22: Tour: Harry London Chocolate/Food Packaging; speaker: packaging – 356th Fighter Squad
 - Apr. 26: AUCTION – Martin Center
 - May 14: Spring Golf – Barberton Brookside
 - May 24: Awards Night – Martin Center
- Suggest linking to speaker and tour companies on our website to increase attendance

House: David Katz will have further discussions with Bob Wegelin re \$ 5.00 for non members to confirm and will inform Joe Pfeiffer for Newsletter follow-up.

Spring Golf: Bud Seymour confirms it is set for Friday May 14- Barberton Brookside. They plan to start early run as a Scramble with Callaway scoring. Plan to prepare small cards as reminder. Suggested we look into one large Golf Outing- Sat?? in Summer.

Awards Night 2004: Joe Pfeiffer will chair.



Minutes of Board Meeting (*continued*) -- Jan. 12, 2004

Old Business: None.

New Business:

David Schultz informed the Board that the Akron and Northeast Ohio Rubber groups will merge – Jan 2005 and be called potentially North Coast Rubber and Plastics Group. NEED ideas on how we can both prosper by the move.

- Tony Dean has found file cabinets at APTC - Lloyd offered Polymer Engineering Centers.
- Need all Star Award information to go to Joe Mattingly.

Joe Pfeiffer moved and Tony seconded the motion to adjourn. Meeting adjourned at 7:03 pm.

Closing Comments: Continue to think of potential new board members and Committee Members. Next board meeting on Feb 9 at AES 5:30 pm..

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DEADLINE APRIL 14, 2004

AKRON SECTION SOCIETY OF PLASTICS ENGINEERS NOMINATION FORM FOR ELECTION OF CANDIDATES TO THE PLASTICS HALL OF HONOR

Election to the **Plastics Hall of Honor** is conferred annually upon Akron area men and women who meet the following criteria:

1. Exceptional effort and accomplishment in the field of plastics;
2. Extraordinary dedication over many years that has contributed to growth of the plastics industry;
3. Have not received National or International recognition.

The **Plastics Hall of Honor** seeks to recognize individuals for their quiet service, loyalty and support over the years. They are the unsung heroes, the everyday foot soldiers of our industry – area employers, employees and educators whose accomplishments are lacking only in recognition.

If you personally know of such a deserving candidate, please forward your nomination to the Selection Committee using this or any mailer.

Name of Nominee (include title) _____

Address _____ Phone No. _____

City _____ State _____ Zip Code _____

Present Affiliations (Plastics) (Including dates and positions held) _____

Former Affiliations (Plastics) (Including dates and positions held) _____

Specific Contributions (Patents, Publications, Concepts, etc. to Plastics Industry or Companies) _____

Related Plastics Activities (Clubs, Organizations) _____

Brief Statement Supporting the Candidate (Attach Additional Pages if Necessary): _____

Membership in SPE not required to nominate or to be nominated

Name of Nominator _____ Signature _____

Address _____

Phone _____ Fax _____

PLEASE REFOLD, SEAL AND MAIL OR FAX THIS FORM BY APRIL 14, 2003

To: Advanced Elastomer Systems, 388 S. Main St. Akron, Ohio 44311, J. Pfeiffer

FOR ADDITIONAL INFORMATION PLEASE Call Joseph E. Pfeiffer at (330)849-5097, fax to 330-849-5589

OR VIA E-MAIL at jepfeiffer@santoprene.com

Nominate a co-worker, employer, teacher, media person, leader or any unsung hero who deserves this honor.

Honorees will be installed in the **Plastics Hall of Honor** in May at a special SPE awards night. Their names and photographs will be displayed in the **Hall of Honor** within the University of Akron, Polymer Science Building.

Frank N. Kelley, Honorary Chair,
Dean, University of Akron, College of Polymer Science and Polymer Engineering

Joseph E. Pfeiffer, Senior Applications Specialist, Advanced Elastomer Systems, L.P.





2004-05 Scholarship Application Akron Section - Education Committee

1. Applicant Name: _____
2. Home Address: _____
City: _____ Zip: _____ Home Phone: _____
3. School Address: _____
City: _____ Zip: _____ School Phone: _____
Email address: _____
4. Current School: _____
Course of Study: _____
5. School/College to be attended: _____
Proposed Course of Study/Major: _____
Expected Degree: _____ Cumulative GPA: _____

New Applicants Only, please continue:

6. Please briefly describe how you intend to finance your education: _____

7. Current and Past School Activities: (attach separate sheet if necessary) _____

8. On a separate sheet of paper, type a short discourse (no more than two pages) describing your enthusiasm and interest in pursuing a career in plastics, as well as how your intended field of study will help you achieve your career goals.
9. Have **two** academic references (instructors or supervisors) provide the committee with their insights on your social qualities, scholastic activities, work habits, and interests. Attach these references to this application.

All applications must include a current transcript.

All Applicants return application by March 1, 2004 to the following address:

Kathy Perevosnik
Akron SPE Scholarship Committee
Advanced Elastomer Systems
388 S. Main St.
Akron, OH 44311

Akron Section Society of Plastics Engineers

Kathy Perevosnik, Advertising Manager
330-849-5119

Insertion Order 2003-2004

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Akron Section SPE Newsletter
Delivered via email, stored at <http://www.akronspe.org/newsletter.htm>

Please check ad size wanted. One column is 3-7/8" wide. Also note our new option of having a hotlink to your company within our newsletter.

Rates are for entire season, October 2003 through Summer 2004. **Payable in Advance.**
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	Double	One column, 2 to 4" high	\$300
	Triple	One column, 4 to 6" high	\$400
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	Half Page	Page width (7.5"), 5" high	\$500
	Hotlink to company website	N/A	\$75 / year

Contact Person

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MEMBERSHIP APPLICATION

Applicant Information

Name:

 first last mi

Applicant Type:
 Member
 Student (must supply graduation date _____)

Job Title:

Company Name and Business Address (or College):
 company/college:

 address:

 address:

 city: state:

 zip: country:

Work Phone: () _____ **Fax:** () _____

Home Phone: () _____

Email: *used for society business only*

Home Address: *(please provide)*
 address:

 address:

 city: state:

 zip: country:

Preferred Mailing Address:
 Home Business

Job Function:
(choose only one)
 Consulting (11)
 Design (02)
 Education (08)
 General Management
 Library (10)
 Manufacturing (04)
 Marketing (07)
 Purchasing (06)
 Quality Control (05)
 R & D (03)
 Retired (98)
 Student (09)
 Tech Support (12)
 Other (99)

Gender:
 Male Female

Birth Date: (mm/dd/yyyy)

The SPE Online Membership Directory is included with membership. Your information will automatically be included.

Exclude my email from Online Member Directory

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Exclude my address from all 3rd party mailings

Payment Information

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<input type="checkbox"/> Canada (\$175.50)	<input type="checkbox"/> Canada (\$303.00)	<input type="checkbox"/> Canada (\$39.00)
<input type="checkbox"/> Euro (€143.00)	<input type="checkbox"/> Euro (€249.00)	<input type="checkbox"/> Euro (€27.00)

Membership Amount _____

My Primary Division is (Division names are below) _____

Primary Division **FREE**

Additional Divisions are available for a fee. Check below to select Additional Divisions.

<input type="checkbox"/> Automotive (D31)	<input type="checkbox"/> Mold Making & Mold Design (D35)
<input type="checkbox"/> Blow Molding (D30)	<input type="checkbox"/> Plastics Environmental (D40)
<input type="checkbox"/> Color & Appearance (D21)	<input type="checkbox"/> Polymer Analysis (D33)
<input type="checkbox"/> Composites (D39)	<input type="checkbox"/> Polymer Modifiers & Additives (D38)
<input type="checkbox"/> Decorating & Assembly (D34)	<input type="checkbox"/> Product Design & Development (D41)
<input type="checkbox"/> Electrical & Electronic (D24)	<input type="checkbox"/> Rotational Molding (D42)
<input type="checkbox"/> Engineering Properties & Structure (D26)	<input type="checkbox"/> Thermoforming (D25)
<input type="checkbox"/> Extrusion (D22)	<input type="checkbox"/> Thermoforming, European (D43)
<input type="checkbox"/> Injection Molding (D23)	<input type="checkbox"/> Thermoplastic Materials & Foams (D29)
<input type="checkbox"/> Marketing & Management (D37)	<input type="checkbox"/> Thermoset (D28)
<input type="checkbox"/> Medical Plastics (D36)	<input type="checkbox"/> Vinyl Plastics (D27)

Additional Division(s) _____

cost for each Additional Division

	1 year	2 years
US	\$6.00	\$12.00
Canada	\$9.00	\$18.00
Euros	€6.00	€12.00

TOTAL _____

CHECK VISA AMEX MASTERCARD

card number _____

PAYMENT MUST ACCOMPANY APPLICATION
Sorry, No Purchase Orders Accepted

expiration date (mm/yyyy) _____

Checks must be drawn on US or Canadian banks in US or Canadian funds.

Dues include a 1-year subscription to *Plastics Engineering* magazine.
 SPE membership is valid for twelve months from the month your application is processed.
 *save over 10%

By signing below I agree to be governed by the Constitution and Bylaws of the Society and to promote the objectives of the Society. I certify that the statements made in the application are correct and I authorize SPE and its affiliates to use my phone, fax, address and email to contact me.

signature _____ date _____

recommended by member (optional) _____ Id # _____

Akron Section Society of Plastics Engineers, Inc.

8-12-03

The Akron Society of Plastics Engineers Educational Foundation operates exclusively for the benefit of and to carry out the purposes of the Akron Section of the Society of Plastics Engineers, Inc., which is to promote scientific and engineering knowledge relating to plastics by making educational scholarship grants to deserving students in the field of plastics engineering and related subjects. The Organization is supported primarily by contributions from the Akron Society of Plastics Engineers, the Society's individual members and corporations like yours affiliated with the polymer industry.

Since the inception in 1988, the Akron Society of Plastics Engineers Educational Foundation has grown to its current position through the hard work of many volunteers and the generosity of the local business community. Over the twelve years that the foundation has been in existence, it has provided scholarships to over 200 young men and women, totaling in excess of \$100,000 to assist them in furthering their careers in the polymer industry.

Our goal is to continue to grow the assets of the Foundation in order to increase the number of scholarships awarded as well as the size of the awards, and to do so in perpetuity. In doing this, we hope to be able to contribute to the supply of well-trained individuals to support the growth of the polymer industry in the Northeast Ohio area today and well into the future.

When the Foundation began its fund raising activities in 1988, we offered those companies who contributed \$30,000 a scholarship in their name. To date we have two named scholarships -- *Newell/Rubbermaid* and *Goodyear*. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please check below:

\$30,000 lump sum \$10,000 / yr next 3 yrs. \$5,000 / yr next 6 yrs.

other _____

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your donation at our Awards Night, which will be scheduled in May.

I am looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 216-573-7467 or e-mail at kevin.malpass@gepolymerland.com with any questions. Thank you for your consideration.

Sincerely,
Kevin Malpass, Chairman
Akron Section Society of Plastics Engineers, Education Foundation

