

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, Reservations

Member	\$22.00
Member and Guest	\$35.00
Retiree	\$15.00
Student	\$10.00
Social	5:30 p.m.
Dinner	6:15 p.m.
Presentation	7:00 p.m.

Call Cathy Herrin before noon,
April 21, and specify any dietary
restrictions.

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

Coming Up:



➤ May meetings: May 14 at
Barberton Brookside and
May 24 at Martin Center

➤ Board meeting April 13, 5:30
p.m. at AES

Technical Meeting

Monday, April 26, 2004

Martin University Center

105 Fir Hill Street

East Side of University of Akron Campus

SPIREX 

8469 Southern Blvd. ▪ Youngstown, Ohio 44512 USA
(330) 726-4000 ▪ Fax (330) 726-9437 ▪ sales@spirex.com

By Mark Colella, Vice President of Sales & Technology
Spirex Corporation

Co-injection molding of multiple material products once required expensive, dedicated equipment and unique training. The savings derived from encapsulation of one material within another were significantly offset by capital outlay and special training. No longer! Standard injection molding machines (old and new) have been modified for co-injection for a mere fraction of the prices associated with traditional co-injection equipment. The results have yielded flexibility, familiarity and low cost options.

We will examine applications in different markets utilizing Twinshot® conversions of standard injection molding equipment for cost and quality benefits. The simplicity of the Twinshot® system will be reviewed, as well as the drivers that prompt the co-injection choice. Finally, economic comparisons will make the case for versatile, inexpensive multi-process equipment.

See page 6 for
Mr. Colella's biography

Apr., 2004, Page 1



President's Message

HAPPY EASTER!

We're still moving. A big **THANKS!** to the 10% of our membership (38) that participated in our last meeting. The other 90% missed a good one. The **chocolate** factory was an excellent tour. We all learned new information about the use of plastics in the making of Harry London's Chocolates. Our House and Program Committees provided us with a delicious event.

Please tell a board member **what will bring you out to a meeting** (Free doesn't work). It's **YOUR section**; may we count on you to be a part of it? Your opinion is valuable.

I've been on my soapbox the last few issues, prodigiously proselytizing the value and virtues of belonging to **SPE**. My piece has been said, so I'll move on to other things.

Have you ever seen a bumper sticker that says "**Nice Stuff Happens**"? I haven't either, but there is a niche for one because it does happen. Here's a story about a sales support mission.

What I know now is what every politician and every experienced plastics tech service person knows: how to answer even when you don't know the answer. Before I learned that, and because I hadn't, I went on some truly awful customer calls. A memorable and unforgettable occasion was a technical materials person, a real Southern Belle. She got us coffee, took us on a plant tour and brought us to the conference room. There, however, she introduced us to her boss: *The Terminator!* Temy and I got along fine. He coiled around me like a python. The dumber he could make me look (and I was approaching a new high in dumbness), the smarter he would look. Lucky for me, I was traveling with a savvy sales rep. He quickly interjected, "What Bob means is...", and proceeded to very competently address the technical issues that I was supposed to. He saved my posterior, saved the sales call, and then thanked me for my technical support in his report to my boss. That was "Nice Stuff".

Do some "nice stuff" for a fellow SPE member this month. Reward yourself with a new bumper sticker.

Have a blessed April!

See you at our next meeting !!!

Invite a molder to share in some information about some exciting injection molding technology with a talk on Twinshot® co-injection from SPIREX, Monday April 26th. Program and Dinner at the Martin University Center.

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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 Group
- APR. 26 Twin Shot Injection Molding -- Martin Center
- MAY 14 Spring Golf and Lunch
-- Barberton Brookside
- MAY 24 Awards Night -- Martin Center

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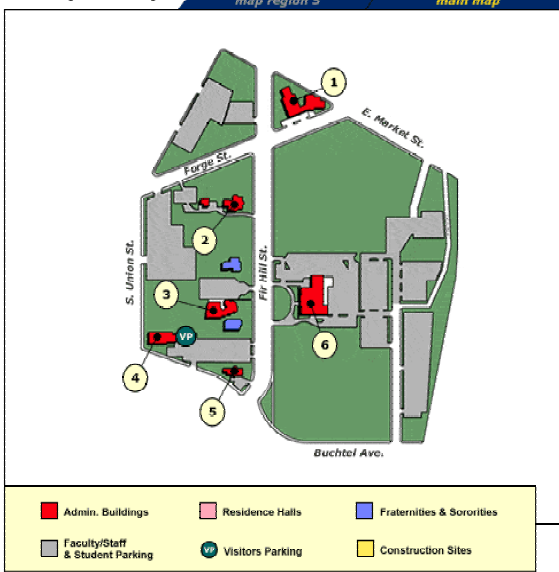
Map to Martin University Center 105 Fir Hill Street Akron, Ohio

Directions: Exit Ohio 8 at Buchtel Street (between Central Interchange with I-76/ I-77 and the high bridge). Go West one block to Fir Hill and turn North. Parking lot is on the north side of Martin University Center.

If the ramp from 76/77 to Route 8 is still closed, traffic from the West should use the Route 59 detour, exit at Cascade Plaza and come up Mill Street past the APTC to Forge and then Fir Hill.

You may zoom in

Campus Map



Thanks !

Just a note to thank all of you who attended the March technical meeting. We did get a total tour package. The similarities between chocolate processing and plastics was stressed repeatedly and highlighted. We also got to see where they use plastics for molds and packaging. We enjoyed numerous samples of their tasty product and afterwards had a nice buffet-styled dinner at the 356th Fighter Group. Thanks to David Katz and to all of the people at Harry London's who coordinated and provided the tour. The attendance was 35, which was short of the desired goal, but I assure you a good time was had by the 35 who did attend. Maybe next time for the rest of you.

J. Pfeiffer, Membership Chair

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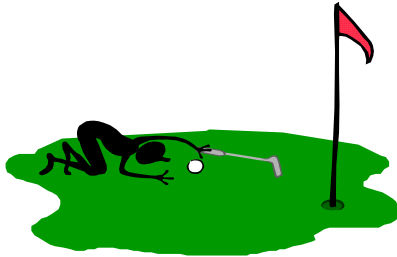
39th Annual Spring Golf Outing

**Akron & Cleveland Section
Society of Plastics Engineers**

Barberton Brookside Country Club

Friday, May 14, 2004 (Rain or Shine)

No Refunds After May 7, 2004



Shotgun Start – 7:30 a.m.

AWARDS

**Longest Drive ♠ (Women) ♠ (Men Over 50) ♠ (Men Under 50)
♠ Closest to the Pin ♠**

**Low Gross ♠ Low Net and Wager for Accuracy
♠ Blind Bogey and Putting Contest ♠**

Plus an Exceptional Door Prize!!

**Payment Must Accompany Reservations for Golf and Lunch
Deadline for Reservations – May 7, 2004**

**Detach and mail with your check to: Cathy Herrin 330-849-5173 / 330-849-5589 (fax)
Advanced Elastomer Systems 388 S. Main Street Akron, OH 44311**

Name and Company

1. _____	Golf \$50.00*	_____	Lunch \$25.00	_____	Both \$70.00	_____
2. _____	Golf \$50.00	_____	Lunch \$25.00	_____	Both \$70.00	_____
3. _____	Golf \$50.00	_____	Lunch \$25.00	_____	Both \$70.00	_____
4. _____	Golf \$50.00	_____	Lunch \$25.00	_____	Both \$70.00	_____

**Includes 1/2 Golf Cart Fee*

Make Check Payable to: Akron Section SPE – Amount Enclosed: \$ _____

Primary Contact: Name _____
 Address _____
 Telephone _____

TICKETS WILL BE MAILED TO PRIMARY CONTACT



39th Annual Spring Golf Outing

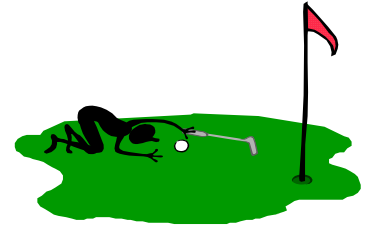
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Barberton Brookside Country Club

Friday, May 14, 2004
(Rain or Shine)



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Make Check Payable to: Akron Section SPE – Amount Enclosed: \$ _____

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 Telephone _____

SPE Education Committee and Local Science Fairs:

2004 Akron Public Schools Science and Technology Expo

Akron Section SPE donated prizes for polymer related projects in this year's Expo, held on Feb. 28 at Central-Hower High School. Board members Kathy Perevosnik and Johanna Baena (with help from her fiancé!) judged the appropriate projects. At the Middle School level there were 7 polymer projects, and at the High School level there were 9.

We are pleased to announce this year's winners of the SPE Science Fair prizes (each won \$50):

Middle School: Pat Tregoning, Miller South, with the project "All Paint is the Same??", which looked at how white paint covers a black surface.

High School: Bethany Canankamp, Firestone High School, with the project "What's in a name?", which looked at the tensile strength of various brands of trash bags.

2004 Western Reserve District Science Fair

Akron Section SPE donated prizes for polymer related projects in this year's District Science Fair, held on March 20 at the University of Akron. Board members Kathy Perevosnik and Bob Wegelin judged the appropriate projects. There were 18 projects judged.

We are pleased to announce this year's winners of the SPE Science Fair prizes (each won \$50):

Middle School: Matt Dahar, Solon Middle, with the project "Tensile Strength of Plastics". Matt made his own tensile tester for this project.

High School: Alicia Boykin, Walsh Jesuit, with the project "Can Medical Plastic Waster be Treated, Sterilized and Recycled into New Plastic Byproducts and Other Materials to help Reduce Environmental Waste?", which more than sums up her work!

Congratulations to all of our participants. Look to www.akronspe.org for some photos of these winners!

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Dates

April 19-20, 2004
October 19-20, 2004

Location

Akron Polymer Training Center, Akron, OH
Contact: Tayba Tahir (330) 972-8661
Email: tahir@uakron.edu

This two-day seminar focuses on optimization of process parameters and extruder configurations for most compounding applications. Enrollment is limited, so register early. ***Don't miss out on this opportunity to improve the productivity of your compounding resources!***

For information on other seminar and workshop locations, call Extrusioneering International, Inc. (973) 895-4088 or visit our website, www.b4uextrude.com.





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UA's Institute of Polymer Engineering works with all types of clients in the polymer industry, large companies and small firms, well-established businesses and start-ups. Companies turn to the Institute for assistance because they do not have the capabilities (equipment or personnel) to conduct their own research and testing.

The Institute of Polymer Engineering has a wide variety of specialized equipment needed for polymer processing, characterization, analysis and testing. Some of that equipment is listed here below.

To further discuss your needs, please contact Dr Lloyd Goettler at (330) 972-7467 lgoett@uakron.edu or Cameron Fraser at (330) 972-6008 cfraser@uakron.edu

Analysis and Testing

- x-ray
- scanning electron microscopy
- atomic force microscopy
- optical microscopy
- laser microscopy
- TGA
- DSC
- FT-IR
- DMA
- APA
- stress strain testing
- rheology
- biaxial stretching

Polymer Processing

- single-screw extruding
- twin-screw extruding
- film casting
- film blowing
- fiber spinning
- injection molding
- compression molding
- vacuum molding
- blow molding
- compounding

Sample Preparation

- microtoming
- vacuum drying
- sputter coating
- particle size reducing

Biography of Mark R. Colella

Mark Colella is the Vice President of Sales & Technology for Spirex Corporation in Youngstown, Ohio. He also leads the development of injection and extrusion screws, barrels and non-return valves. Mark graduated from Youngstown State University with a Bachelor's degree in Mechanical Engineering, after which he spent five years with New Castle Industries in engineering and screw design (1985 to 1989). From 1989 through 1992, Mark was Process Engineering Manager with NRM Corporation, now a division of Davis Standard, in charge of process development and screw design. From 1992 to March 2000, he broadened his career path assuming the role of company president for Forney Inc., a construction materials testing equipment company. During the same period, Mark maintained close contact with the plastics industry as a screw and process design consultant.

He is a member of the Society of Plastics Engineers (SPE) and the American Society of Testing Materials (ASTM).



Akron Section Board of Directors

Bob Wegelin AES President	330-849-5179 T 330-849-5589 F robert.wegelin@santoprene.com
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Kathy Perevosnik AES Educ. Committee/ E-News and Ads	330-849-5119 T 330-849-5597 F kaperevosnik@santoprene.com
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Ron Miller Director	330-497-4255 T smiller17@neo.rr.com
Jerry Robinson Polymer Exchange, Inc. Director	330-785-0111 T 330-785-1505 F jrobinson@polymerexchangeinc.com
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Web: www.4spe.org

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all e-mail @4spe.org*

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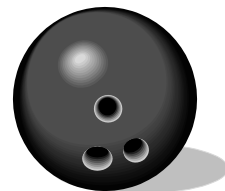
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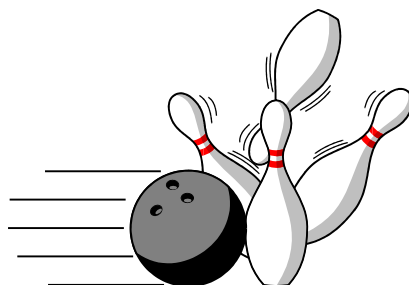
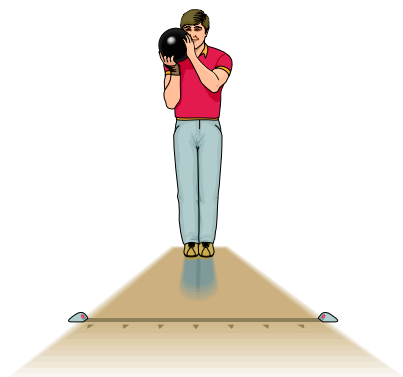
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PESO - PSSO
Joint Social Activity



BOWLING NIGHT



Please join us for a free night of bowling

Food and beverages will be provided !

Date: Wednesday, April 7, 2004

Time: 8:30 p.m.

Place: AMF Rivera Lanes

20 S. Miller, Fairlawn, Ohio



If you need a ride, please meet at the Polymer Science Lobby at 8:15 p.m.



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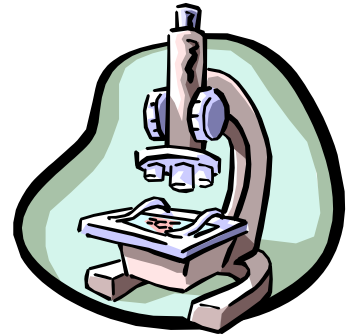
ACCESS JOINT MEETING

Thursday, April 22, 2004

Tangier Restaurant

Dr. George Newkome

*Vice President, Research
The University of Akron*



**“The Changing University-Industry Interface:
New Opportunities”**

Cash Bar – 5:30 p.m.
Dinner – 6:00 p.m. (Buffet)
Program – 7:00 p.m.

Tickets \$14 Per Person

**Reservations to Ann Bolek (330) 972-6264 or E-mail: bolek@uakron.edu
by Monday, April 19, 2004**

ACCESS is a 501(c)(3) non-profit organization under the Internal Revenue Code



Minutes of Board Meeting – Mar 8, 2004

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

Present: Bob Wegelin, David Katz, Bud Seymour, Joe Mattingly, Ron Miller, Johanna Baena, Lloyd Goettler, Ken Kear

Absent - Dave Schultz, Gary Taylor, Ernie Anderson, Joe Pfeiffer, George Carroll, Kathy Perevosnik, John Woodside, Tony Dean, Jerry Robinson, Kevin Malpass

Quorum: Not established so all items are to be reported only. A vote to approve any items will need to be conducted via email.

Minutes Feb 9, 2004 meeting: (Dave Schultz absent) **Correction:** Joe M. found ACCESS meeting was on Feb 20 not the 28th as originally reported. He was not able attend on that date.

Treasurer: (Gary Taylor is absent could make no report) No notable changes are known by Bob W.

Committees: (Bob W.) A First V.P. and Fall Golf Outing chair are still needed to fill all the board offices.

Student Chapter: (Johanna B.) See the report circulated by Johanna:

1. ANTEC:
 - a. 25 student papers will be presented at ANTEC
 - b. 35 students are planning to attend ANTEC
 - c. Financial support is requested to allow them to attend. Board requested a breakdown of approximate need. This was discussed further in the new business section.
 - d. Need to let SPE know by 4/15 on who can attend
 - e. SPE International has a student travel fund which Johanna was encouraged to contact for added support. The university and advisors will also be providing some support for the students.
2. Seminar on Career Building is desired by the student chapter. Joe M. will follow up with Americhem to see if they can provide someone to give a talk on the subject.
3. Bowling night program will be held the first week in April. Attendance of some section members is requested to show support of the chapter.
4. Section files have been transferred to the Polymer Engineering department at Univ of Akron for storage. The Past Presidents' Committee should meet to review these old files and discard unneeded items.

Newsletter: (Bob W. for Joe P.) Items for the April newsletter are needed by Mon. Mar. 22. Advertising responses have 9 paid, 1 given free to Polysort (our website host), and 2 or 3 are still pending payment.

Councilor: (Ken K.) Nothing new to report since last meeting. The next Council meetings will be at ANTEC when two council meetings will be held with the old 2003/4 council and the new 2004/5 Council.

TOPCON: (Bob W. for Viv M.) The dates have been selected for the next TPE TOPCON of Sept. 12-14, 2005 and verbally okayed with SPE. Bob will reserve these dates at the Hilton and a TOPCON proposal will be filed with SPE to reserve the date for our TOPCON on their calendar.

Education Committee: (Bob W. for Kathy P.)

1. Kathy emailed that they are preparing an application for the Husky \$5000 award. They will propose a high school industry program which will be prepared over the coming summer.
2. Scholarship reviewers are needed for the 7 renewals and 6 new applicants.



Minutes of Board Meeting (*continued*) – Mar. 8, 2004

Foundation: (Bob W. for Kevin M.) Portfolio is up this year and in the 400K range.

House: (Dave K.) Last meeting went very well with a lot of positive comments about the quality of the menu items. 54 attended the meeting and tour. The next meeting is all arranged for a tour of Harry London's Chocolates and dinner at the 356th Fighter Squadron.

Program: (Joe M.) The Auction meeting has been switched to a technical presentation. The presentation will be on twin screws from Spirex. Information on the revised program will be posted on the website. The meeting will be held at the Martin Center, Univ. Akron.

Spring Golf: (Bud S.) They are currently working on generating sponsors. At the event they will put a sign up sheet out for the Fall Golf Committee. The Firelands and Cleveland sections are being invited to attend the outing.

Bud will check on Sept dates for holding the Fall Golf.

The committee will consider having a Silent Auction in conjunction with the Spring Golf outing. Ron Miller, as a former Auction meeting chair, has all the contacts and organization to add this to the Golf outing. The committee will decide on if and how to add the auction.

Awards: (Bob W. for Joe P.) Joe has this organized. Speaker ideas need to be worked out. One possibility is to have Donna Davis, SPE President as the speaker.

Auction: see discussion above.

Old Business:

1. **ACCESS:** Applied for membership to Rick Buchanan. We will just attend their business meeting and bring a \$50 fee. 2 people need to be directors on their committee. Bob Wegelin and Joe Mattingly volunteered to represent SPE at ACCESS. The next meeting of ACCESS is Wed. 4/7/04.

2. **TOPCON:** see discussion earlier.

3. **Firelands Section Merger:** Joe M and Bob W. met with Dennis Mead, Firelands to discuss a merger. A list of advantages and disadvantages were determined (see handout). The Firelands section has 120 members, but almost no one willing to be active on their board, so they have no program. The Firelands board passed a motion to pursue a merger with the Akron Section. Feedback from Tom Dilutri is that a proposal for the merger needs to be forwarded to Sections Committee Chair from both Section Presidents. The proposal should discuss where the section will meet, new name and how created. Poll on website with 91% want section by electronic vote.

Joe and Bob both favor pursuing a potential merger. Bob will set up a committee and Joe will lead the subcommittee. The subcommittee will prepare a recommendation.

New Business:

1. **Walt Branner, Milwaukee section president** sent a petition sign up sheet for those who are in favor of a motion to modify the SPE constitution so that all councilor's votes on dues, rebates, etc. are recorded. The sign was passed around and some discussion made.



Minutes of Board Meeting (*continued*) – Mar. 8, 2004


2. **Student ANTEC Travel:** The student chapter needs for student travel to ANTEC. Total costs were estimated to be \$300 to \$350 per student. Overall the university is looking for about \$7,000 total to see that all the students can attend. Lloyd G. says he would like to see about \$2,000 from the Section to support the students. Johanna B. will present some more specifics at the next meeting for the board to come up with support needed to send the student chapter attendees to ANTEC.

Next Board Meeting: Tues. April 13, 2004 5:15 p.m. at AES in room 700.

Action Items:

1. Vote on all actions items by email.
2. Approve minutes of 2/9/04 with correction noted.
3. Joe M. follow up on speaker for student chapter Career Building seminar.
4. Section members support student chapter Bowling Night.
5. Old files cleaned out by Past Presidents' Committee.
6. TOPCON proposal filed to reserve 9/12-14/05 with SPE by Viv M.
7. Hilton Hotel reservation for TOPCON by Bob W.
8. Scholarship reviewers needed for Education Committee for applications.
9. Post Program change for twin screw technical meeting on website.
10. Auction addition to the Spring Golf outing considered and organized by Spring Golf committee with Ron M. providing auction organization input.
11. Attend ACCESS committee meetings – Bob W. and Joe M. SPE representatives.
12. Check for \$50 to ACCESS for SPE membership.
13. Firelands / Akron Sections merger subcommittee to consider potential merger – Joe M. chair.

Respectfully submitted,
K. Kear, Temporary secretary



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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.



Akron Section Society of Plastics Engineers

Kathy Perevosnik, Advertising Manager
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Insertion Order 2003-2004

Polymer Valley News
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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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	Hotlink to company website	N/A	\$75 / year

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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)

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<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

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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

