# 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	\$30.00
Member and Guest	\$50.00
Retiree	\$25.00
Student	\$15.00

 Social
 5:30 p.m.

 Dinner
 6:15 p.m.

 Presentation
 7:00 p.m.

Call Cathy Herrin before noon, May 19, and specify any dietary restrictions.

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

## **Awards Night**

**Monday, May 24, 2004** 

#### **Martin University Center**

105 Fir Hill Street
East Side of University of Akron Campus

Our annual Awards Ceremony is targeted as our main Section meeting for May. This ceremony will award scholarships to many deserving students, recognize national SPE awards that have been given to Akron members, induct new members to the Akron SPE Hall of Honor and award the Zekan memorial award to a deserving member. We also will have two guest speakers. Sabrina Arrick, a former winner of an SPE scholarship will speak on what the scholarship has meant to her career. Mike Fisch, director of the program on E-Beam Technology at Kent State, will speak on the importance of plastics to Ohio and Kent State.



This year, as last, the ceremonies will be held at the Martin Center on the campus of the University of Akron. Please join us in the celebration of these worthy individuals. The food will be great and the price is right. It is a great wrap up to the year for us!



▶ Board meeting May 10, 5:30 p.m. at AES – 1st floor conference room







# ONE MORE TO GO!

We're still moving (which direction, I'm not sure). A big **THANKS!** to the 5% of our membership (20) that participated in our last meeting, along with the 8 students from the U of A. The other 95% missed a good one. The presentation by SPIREX was excellent. We all learned new information about co-injection of plastics. Our House and Program Committees provided us with an excellent venue and menu.

**HELLO IS ANYBODY OUT THERE?** 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. **E: MAIL ME** 

Ever notice that a necktie is a powerful symbol? The Presidential wannabees wear red. Some yuppies wear a textile Tabasco, a "Rush" or a fabric fish. Jehovah's Witnesses, police detectives and all the James Bond incarnations, wear ties. Wearing a tie used to make you feel successful. The absence of a tie is now a symbol of success. Bill Gates, Eminem and Israel's Prime Minister hardly ever (also never seen on hippies).

So, whatever happened to the tie? We replaced it with "business casual". We have dress down days and only the top Doggy Dogs wear ties.

There are, of course, exceptions when you have to wear a tie for a customer contact (especially foreign visitors). Even when they are casual, we are formal. Even when the conference room is 90°F we are buttoned at the collar and circled with silly silk. Even when we are touring their plant we are obviously visitors, for we have brought our visitor badges. It is respectful and appropriate. The rest of the time there are no ties.

Now you might be thinking that a company wouldn't be able to function without ties. In my early working days, the system of work priorities went like this: If it had the President's name on it, it got done first. The VP's name, it got done second (unless there was kicking and screaming). Then came the rest of the tie guys and, last, everyone else. Interesting how the organization remains intact. Things still got done. I don't miss ties and I don't feel less successful (even though I'm at the peak of a mediocre career).

You don't have to dress up and wear a tie to feel good about yourself.

So, no ties at the golf outing and tie one on, if you need, at the Awards Banquet (it could save some food spots on your shirt).

Have a blessed May! See you at our next meeting !!!

Come on out and support our scholarship and other award winners Monday MAY 24th.

Program and Dinner at the Martin University Center.

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

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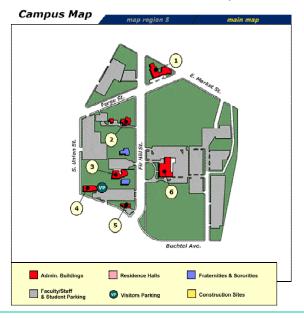
#### Map to Martin University Center

#### 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







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#### 39th Annual Spring Golf Outing and Silent Auction

**Barberton Brookside Country Club** Friday, May 14, 2004 Akron and Cleveland Sections

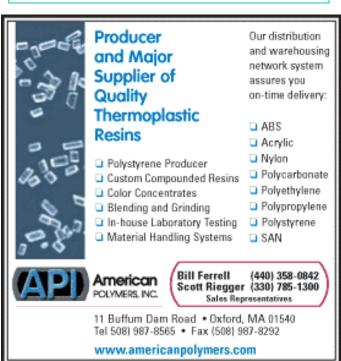
Golf weather has arrived. A good and fun-filled way to start the season would be our SPE Spring Outing. You can double your pleasure by spending a Friday golfing with friends and knowing all profits benefit our college scholarship fund.

The fee is \$70, which includes golf, cart, lunch and prizes. The Callaway scoring system gives everyone a chance to win. If you don't golf, enjoy a great lunch with friends for only \$25.

For golfers and non-golfers, there will be a silent auction. These profits also fund the college scholarship. For questions regarding the silent auction, call Ron Miller at (330) 397-4211.

Please register early so we can plan and organize this event for you.

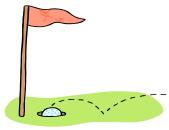
If you have any questions regarding this event. please call Bud Seymour at (330) 849-5177 or Dave Katz at (330) 849-5139. Call Cathy Herrin at (330) 849-5173 for golf registration and/or lunch reservations.



#### Let People Know You Care **About Education**

**Become A Golf Hole Sponsor** At the 39th Annual Spring Golf Outing and Silent Auction

The previous 38 SPE Spring Golf Outings gave us all an opportunity to know our colleagues in a different and pleasant environment. The 39th will give us the same or better opportunity.



One of the ways to enhance your presence, as well as the earnings of this event, is to sponsor a golf hole. The price is

a very affordable \$100, which includes a free lunch.

We will entertain all kinds of banners or logos. Why not? You paid good money to let your customers, potential customers and, let us not forget, your competitors know you care about SPE and the education and scholarship goals we have for youth entering our field of interest.

If you would rather, we can provide a mini-billboard.

Please contact Cathy Herrin at Advanced Elastomer systems, L.P. 388 South Main Street Akron. OH 44311 (330) 849-5173, (330) 849-5589 - fax



# 39th Annual Spring Golf Outing and Silent Auction



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

#### **Barberton Brookside Country Club**



Friday, May 14, 2004 (Rain or Shine)
No Refunds After May 7, 2004

<u>Shotgun Start – 7:30 a.m.</u>

#### **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

ame and Compan	•			
•		Golf \$50.00*	Lunch \$25.00	Both \$70.00
·		Golf \$50.00	Lunch \$25.00	Both \$70.00
·		Golf \$50.00	Lunch \$25.00	Both \$70.00
Includes ½ Golf Car		Golf \$50.00	Lunch \$25.00	Both \$70.00
		C 4 CPE		
Make Check Pay		on Section SPE –	Amount Enclosed: \$	
•		on Section SPE –	Amount Enclosed: \$	
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TICKETS WILL BE MAILED TO PRIMARY CONTACT

# 39th Annual Spring Golf Outing and Silent Auction



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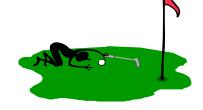
**Dover Chemical** 

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

#### **Past Hole Sponsors: Advanced Elastomer Systems Barberton Brookside Country Club**

**Telephone** 

Friday, May 14, 2004 (Rain or Shine)



<u>SPONSOR A HOLE !!</u>

### **INCLUDES:**

### A SIGN ON THE HOLE WITH YOUR COMPANY NAME AND A COMPLIMENTARY DINNER (Proceeds Go Toward Education)

Detach and ma	ail with you	r check to:	Deadline for Sponsorsh	ip – April 30, 2004
Cath	ny Herrin – A	Advanced Ela	stomer Systems	
388	S. Main Str	eet, Akron, O	H 44311	
330-	-849-5173,	330-849-55	89 <i>(Fax)</i>	
Name and Company	,		Dinner	Y/N
Make Check Pay	yable to: Akı	on Section SP	$E - Amount Enclosed: S_$	
<b>Primary Contact:</b>	Name			<u> </u>
	Address			

#### Map to Barberton Brookside

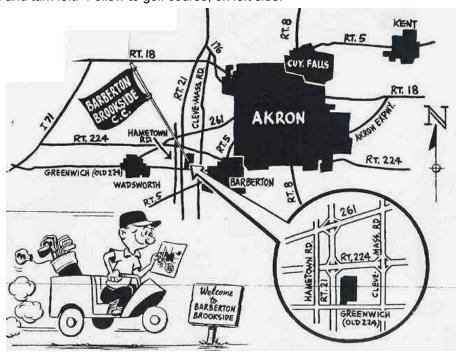
#### 3727 Golf Course Drive, Norton, Ohio 44203

FROM CLEVELAND - Take 271 South to I-77 south to 21 South to 261. Turn Right. First street (Hametown) Turn Left. Follow Greenwich Rd. and turn left. Follow to golf course, on left side.

FROM CANTON - Take I-77 North to 224 West to Cleveland-Massillon Road (exit 14) . Turn left and go to 2nd light (Greenwich Rd.) Turn right. One mile on Right Side.

FROM MASSILLON - Take New 21 to Eastern Rd. Turn left to Hametown Rd. Turn Right. Go to third stop sign (Greenwich Rd.) and turn right. Follow to Golf Course, on left side.

You may zoom in





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330-849-5589 F

ildigi@santoprene.com

AES

Newsletter

## Contacts at SPE INTERNATIONAL

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#### Minutes of Board Meeting – April 13, 2004

Call to Order: 5:30 pm at AES, Akron, Conference Room 101

**Present:** Ron Miller, David Katz, Johanna Baena, Gary Taylor, Bob Wegelin, Joe Pfeiffer, Lloyd Goettler, Ernie Anderson, David Schultz

Absent - George Carroll, Kathy Perevosnik, John Woodside, Bud Seymour, Tony Dean, Jerry Robinson, Kevin Malpass, Joe Mattingly

#### **NOTE ACTION ITEMS – IN BOLD**

**Minutes:** March 8 minutes as prepared by Ken Kear were approved, moved by Joe Pfeiffer, seconded by Vice President – Lloyd Goettler. Motion carried.

**Treasurer:** Gary reports books are in good shape with only a few expenses for March. TPE-SIG money has been sent to Dr. Viv Malpass to confirm TOPCON for 2005.

ACESS: Joe Mattingly attended the most recent Board Meeting and hand-carried our \$50 fee to join. Board members are still to check with active ACESS members to determine values to SPE-- D. Schultz- Ruth Murray-ACESS Sec from ACS-Local, L. Goettler- Ann Bolek-U of Akron, Professional Engineers-T.Dean, and SME-Joe Mattingly. Akron Section did help judge Science Fairs- Feb and March. Thanks to Joe Mattingly, Bob Wegelin. Next Joint Meeting set for April 22 at Tangiers.

Officers, 2004: Dr. Lloyd Goettler has recently stepped up to be our new VP-Program for 2004/2005 year-Thanks Lloyd!! Board Members have been requested to bring a new candidate for Committee and/or Board Membership.

**Awards 2004 Update:** Joe Pfeiffer has met with Dennis Conley; they have found the pictures from 2002 and now need to have them framed and placed on the wall at U of Akron. Speaker is still needed- ideas contact Joe. Need additional candidates for Hall of Honor, Zekan Award.

Joe has two candidates for Hall of Honor and will set up meeting with Frank Kelley to discuss those and additional candidates as they come in.

Joe has asked for help –DRS to contact guests from Goodyear, etc. as in the past. He plans a meeting week of 4-13 to further detail and ACTIONS.

Student Chapter: Johanna Baena has prepared and circulated an excellent synopsis for the need for funds to help up to 25 students attend, ANTEC-Chicago anticipated they will have 20 papers plus additional students to attend since it is so close. The Board voted on monies to help students attend and give papers. Joe Pfeiffer made a motion to provide \$2,000 for travel and expenses, seconded by Ernie Anderson. The Board voted on the motion; it passed. Gary Taylor to forward check to PESO. Johanna has also requested money from Intnl. She was told most of those monies went to students who were presenting in student Sessions. She is on the list. Lloyd brought up Polymer Processing Society Conference in June 2004. In addition he mentioned that the Mechanical/Polymer Engineering enrollment is down from 8-12 students to 4 for 2004. He has asked SPE-Akron to get involved. We mentioned that ACESS would also be good to contact. The PESO recently had a Bowling Night- April 7 and are planning April 21- Ice Skating at Kent State- details to follow by e-mail. In addition they are planning informative meetings on Interviewing and Plastics Industry.

#### Minutes of Board Meeting (continued) – April 13, 2004

**Newsletter:** If you have anything for newsletter be sure to forward to Joe Pfeiffer or Jenny Digiantonio by April 28. Include: Presidents message, program list, board list, last year's ads, May meeting info and a NEW Consultant's Corner-Technical Articles.

**Membership:** Joe reports that current membership is 409 - 6 NEW Members!!

Councilor's Report: Ken Kear will not be able to finish his term – he has retired from AES and resigned from our Board. We are looking for help at upcoming ANTEC May 15 and 16. **Bob Wegelin to contact Dr. Viv Malpass. Lloyd Goettler has agreed to help if he can as well**. New Officers- ANTEC 2004 Karen Winkler from Dow -President and Len Czuba will be President-Elect.

**TPE TOPCON 2005:** Dates are set for TOPCON next year as Sept 12-14. Ed Tam-Teknor will be representative from TPE-SIG working with Viv Malpass.

Education Committee: Bob reported for Kathy that the Committee has selected 17 excellent students for Scholarships. They have been notified and asked if they could attend the Awards Night- May 24. Additionally Kathy has been invited to go to the school that had the most Essays and talk about Plastics-looking for information. Please contact Kathy with ideas. Kathy reports she plans to get a Committee together over the summer to create proposal for Husky Award next year- Need Volunteers contact Kathy.

**Education 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 reports to Bob Wegelin all is set at site.

**Program:** Program is set for April 26 Spirex- Mark Colella at Martin Center.

## **CONFIRM that all Sections surrounding Akron-Cleveland and Firelands has SAME dates.-Joe Mattingly**

· Apr. 26: Spirex – 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 reports all locations are set for the remainder of the year.

Fall Golf- Need a member to handle for this year.

**Spring Golf:** Bud Seymour confirms it is set for Friday May 14- Barberton Brookside. They plan to start early. Firelands and Cleveland want to JOIN with us this Spring for a Joint Outing and have been informed on dates and locations and that we are having a Silent Auction, too.

Joe Pfieffer will blast an e-mail reminder with Golf Outing information to membership. Ron Miller reports he has had great success with donors for Silent Auction- Dow, Firestone, Aeros, Cavs, Great Lakes Science Center etc. Need more donors of items!!

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#### Minutes of Board Meeting (continued) – April 13, 2004

Old Business: Firelands merger with Akron. Bob W. has placed several calls to Dennis Meade. No response to date.

**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.** 

Joe Pfeiffer moved and Ron Miller seconded the motion to adjourn. Meeting adjourned at 6:55 PM.

**Closing Comments:** Continue to think of potential new board members and Committee Members for 2004-2005. Next board meeting on May 10 at AES 5:30 PM, conference Room 101.





The University of Akron

#### The University of Akron Institute of Polymer Engineering

#### **Polymer Processing and Testing Services**

Don't want to invest in expensive equipment at this time? Don't know what equipment is best? Only need the use of the equipment for a short period of time?

Perhaps the best answer to these questions is to contract our polymer processing and testing services.

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 lagoett@uakron.edu or Cameron Fraser at (330) 972-6008 cfraser@uakron.edu

#### Analysis and Testing

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- scanning electron microscopy
- atomic force microscopy
- optical microscopy
- laser microscopy
- TGA
- DSC
- FT-IR
- FI-IR
- 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



#### **Akron Section Society of Plastics Engineers**

Kathy Perevosnik, Advertising Manager 330-849-5119

#### **Insertion Order 2004-05**

Polymer Valley News: 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.

Rates are for entire season, September 2004 – Summer 2005. **Payable in Advance. Please let me know if you need an invoice.** 

Ad format must be electronic (but we can scan your original artwork). File size should be limited based on the size of the ad ordered. Oversized ads will be charged an additional fee. Acceptable formats are .bmp, .pcx, .jpg, .tif, .gif, or MS PowerPoint or Word (if you have any issues with format, please email us and we can provide assistance). **Color is Free! Color helps your ad stand out!** 

## Email artwork and this Insertion Order (completed) as an attachment to kaperevosnik@santoprene.com

If you don't include your email address, we have no way of sending you each issue!

(please X)	Ad Size	Dimensions	Price for year
	Business Card	One column by 2" high	\$200
	Double	One column, 2 to 4" high	\$300
	Triple	One column, 4 to 6" high	\$400
	Half Page	One column, 10" high	\$500
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Akron Section SPE c/o Kathy Perevosnik 962 Morningstar Dr. Akron, OH 44307



# MEMBERSHIP APPLICATION

Applicant Information				
Name:	Home Address: (please provide)			
first last mi	address:			
Applicant Type:	address:			
☐ Member	city: state:			
☐ Student (must supply graduation date)	zip: country:			
Job Title:	Preferred Mailing Address:			
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#### 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