

# Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers  
Our 48<sup>th</sup> Year of Education and Service to the Plastics Industry

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## Costs, Schedules, Reservations

Member	\$25.00
Retiree	\$20.00
Student	\$15.00
Socializing	5:30 p.m.
Dinner	6:15 p.m.
Technical program	7:00 p.m.

Call Joe Pfeiffer (330/849-5097) or  
eMail on or before Apr. 11 –  
jepfeiffer@santoprene.com

## Bio-Engineering with Polymers

Monday, April 16, 2007

5:30 p.m.

Martin University Center

105 Fir Hill Street

*East Side of University of Akron Campus*

The meeting will be held jointly with ACCESS, the Akron Council of Engineering and Scientific Societies. Three speakers will describe their activities on bio-engineering with polymers, which will include recent technical developments, new products and recent applications.

**Tony Walder** is Senior Research and Development Associate at Noveon, Inc., which acquired Thermedics Inc. in 2003. Noveon is now part of Lubrizol Corp. of Cleveland, OH. Tony will discuss recent developments in thermoplastic polyurethanes for medical applications.

**Tony Listro** is Director of Application Development Engineering at Foster Corp., Putnam, CT. He will describe some recent drug delivery and pharmaceutical applications with polymers.

**Judit Puskas**, who holds the LANXESS Chair in Polymer Science at Akron U, will discuss recent developments in the design and synthesis of polyisobutylene-based thermoplastic elastomers for biomedical and commodity applications.

There will be a panel-type question and answer session following the last speaker.

**Coming Up:**

- Next meeting – May 21, 2007
- Spring Golf Outing – May 18, 2007
- Board meeting – Apr. 2, 5:15 p.m.,  
Polymer Eng. Center

Apr., 2007, Page 1



# President's Message

## Online Member Benefits - Getting the Most From Your SPE Website

The SPE website is the most comprehensive source for information about SPE and is home to members-only benefits such as the online technical library and online membership directory. Increasing awareness about these benefits helps increase member value and member retention. SPE Headquarters has developed a presentation that focuses on how to navigate through the website so members can take full advantage of all online member benefits. Looking for a topic for your next meeting? [Download](#) this presentation and walk your members through it!

## New Member Grade

SPE is dedicated to helping you attain a higher professional status through increased scientific, engineering and technical knowledge within a schedule that is comfortable for you. For all your hard work, SPE has designed distinguished grades of membership to recognize your accomplishments within the plastics industry. [Click here](#) to view the member grades and to request reclassification.

See you at the next meeting!

*John Woodside*

*President, Akron Section 2006-2007*

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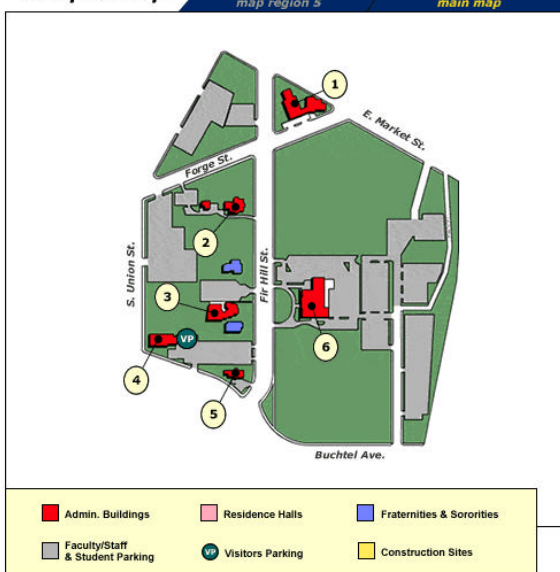
## Map to Martin University Center 105 Fir Hill Street Akron, Ohio

**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



## PolymerOhio Internships

The Third Frontier Internship Program links Ohio students with rewarding internship opportunities that provide hands-on experience within Ohio's private-sector business community. The goal is to build a young talented workforce for the future and assist students in gaining valuable work experience that can lead to permanent full-time employment in Ohio after graduation.

**The program will reimburse 50% of each intern's wage up to \$3000 for a 12 month period.** Following an intern's graduation, your firm will have the opportunity to offer full-time employment to an individual who is well prepared for a future career with your organization.

Internships may be full-time or part-time at anytime during the year.

The Internship Program is looking for participating businesses that can provide one or more of the following types of internships:

- Advanced manufacturing*
- Advanced materials*
- Bioscience*
- Information technology*
- Instruments, controls and electronics*
- Power and propulsion*

For more information please go to [www.polymerohio.org](http://www.polymerohio.org). Roll your mouse over to "careers" in the top menu line to reach the link to the Polymer Ohio Internship Program page.

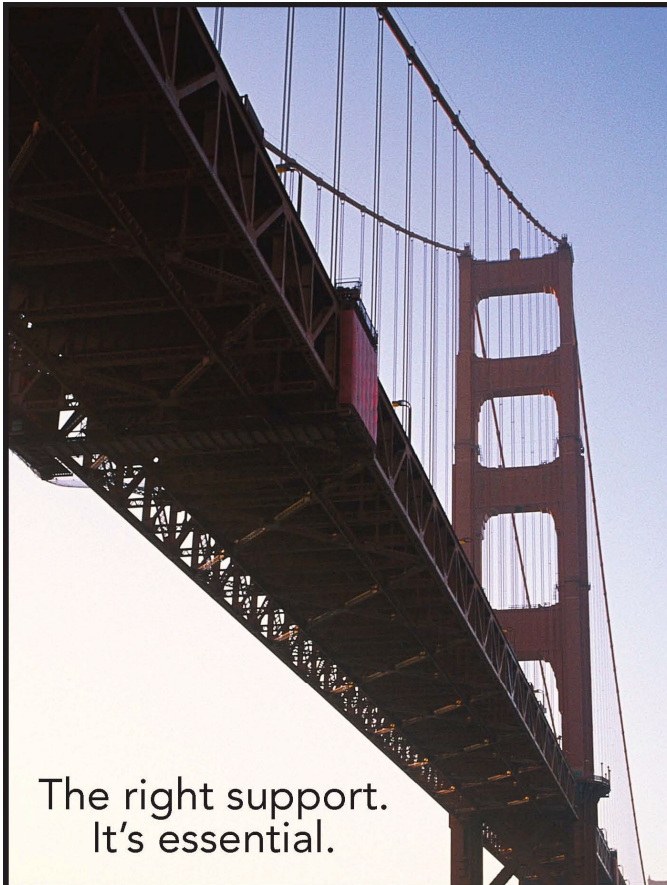
If you are a company or a student, follow the procedures to register at [www.ohio3fip.com](http://www.ohio3fip.com).

For more information or assistance, call Rich Markham at 614-477-1133 or write to [rmarkham@polymerohio.org](mailto:rmarkham@polymerohio.org).



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## Technical Assistance Initiated On Akron SPE Web Site

*Do you have a technical question on plastics, polymers, rubbers, etc. Our web site now has a place where you can detail your question and the Akron SPE Board will use their collective knowledge and resources to answer your questions. Check it out at [www.akronspe.org](http://www.akronspe.org). If you post a question we will post it in the following newsletter along with the answer.*



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E-MAIL: [rspano@PolymerResources.com](mailto:rspano@PolymerResources.com)

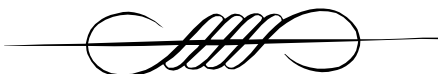
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## Akron Section SPE Past Presidents

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1959-1960	Donald F. Siddall	1982-1983	James Steiner
1960-1961	Milan Krajcik	1983-1984	Robert G. Hills
1961-1962	Foster J. Young	1984-1985	Anthony F. Dean, Jr.
1962-1963	Dickson L. Stoker, III	1985-1986	Gene Buser
1963-1964	Edward L. Hillier	1986-1987	Harry J. Barth
1964-1965	John R. Russell	1987-1988	Judith A. Fallon
1965-1966	John R. Russell	1988-1989	William E. Tosco
1966-1967	Clyde H. Jones	1989-1990	Robert Wegelin
1967-1968	Alan Corry, Jr.	1990-1991	Geraldine R. Stromquist
1968-1969	Bernard M. Saffian	1991-1992	Spencer Keiser
1969-1970	Harold R. Schick	1992-1993	Robert Wegelin
1970-1971	Robert G. Hills	1993-1994	Tony Dean
1971-1972	John J. Satterfield	1994-1995	Wayne Decamp
1972-1973	Alexis M. Gross	1995-1996	Melanie Stewart
1973-1974	Francis J. Maurer	1996-1997	Kevin Hershfield
1974-1975	Leverett A. Anderson, Jr.	1997-1998	Dave Schultz
1975-1976	Robert M. Hershey	1998-1999	John Raab
1976-1977	Richard L. Fleshman	1999-2000	Gary Taylor
1977-1978	David Curtis	2000-2001	Kevin Malpass
1978-1979	John A. Zelek, Jr.	2001-2002	Ken Sharp
1979-1980	Gerald W. Whitnable	2002-2003	Joe Pfeiffer
1980-1981	Kathleen N. Bechter	2003-2004	Robert Wegelin
1981-1982	Victor E. Giuffrida	2004-2005	Joe Mattingly
		2005-2006	Lloyd Goettler



## Programs for 2006 / 2007

Sept. 18	<b>Latest Advances in Engineering Thermoplastics</b> Bob Moran, GE Plastics -- Martin Center	Jan. 22	<b>Mini-Symposium: Is PVC Dying?</b> Dan Kickel, PolyOne; Allan Marshall, Omnova; Lee Pfaffle, A.Schulman -- Guy's Party Center
Oct. 16	<b>Presentation and Tour of Kent State Liquid Crystal Institute</b> Dr. Philip J. Bos, LCI Associate Dir. -- Kent State Student Union	Feb. 19	<b>The Future for Polymer Nanocomposites</b> Lloyd Goettler, Akron U -- Martin Center
Oct. 23-24	EPSDIV / Akron SPE <b>TOPCON: Recent Advances in Organic and Polymer Display Technologies</b> -- Akron University	Mar. 19	<b>Molders Night – Global Competitiveness</b> Bob Beesley, Design Molded Prod. Andy Moock, Alpha Security Prod. Ken Burkins, Akron Porcelain and Plastics -- Guy's Party Center
Nov. 20	<b>Latest Advances in Twin-Screw Compounding Extruders</b> Paul Andersen, Coperion -- Guy's Party Center	Apr. 16	<b>Bio-Engineering with Polymers</b> Tony Walder, Noveon Thermedics Tony Listro, Foster Judit Puskas, Akron U -- Martin Center
Dec. 14	<b>Holiday Party</b> (bring significant other) Christmas Special - For the Ladies; Deck the Halls; Madrigals -- Stan Hywet	May 21	<b>Awards Night</b> -- TBA
		May 18	<b>Spring Golf Outing - with Cleveland</b> -- Barberton Brookside CC



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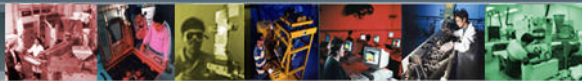


# Nomination for Akron Section SPE Plastics Hall of Honor

The Akron section of SPE seeks nominations for the Plastics Hall of Honor. Election is conferred upon Akron area men and women who have (1) displayed exceptional effort and accomplishment in the field of plastics, and (2) displayed extraordinary dedication over many years that has contributed to growth in the field of plastics, and (3) has 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.



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



**DEADLINE APRIL 20, 2007**

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

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

1. Displayed exceptional effort and accomplishment in the field of plastics, and
2. Displayed extraordinary dedication over many years that has contributed to the growth of the plastics industry, and
3. Has 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 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, etc. to plastics industry) \_\_\_\_\_

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 \_\_\_\_\_

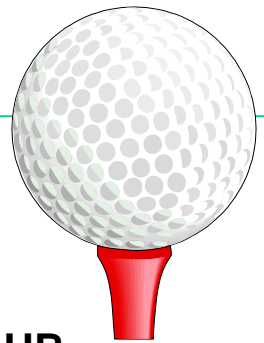
**PLEASE MAIL OR FAX THIS FORM TO ARRIVE BY APRIL 20, 2007**  
**Amruth Puttarudraiah, Product Technology center, 1183 Home Ave, Akron OH 44310**  
**Or fax (330) 630 3349**  
**E-mail questions to Amruth@aschulman.com**

*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 at the Annual SPE awards night 5/21/07  
Their names and photographs will be displayed in the Plastics Hall of Honor within the University of Akron



# 42<sup>nd</sup> Spring Golf Outing



**MAY 18, 2007**

**at**

## **BARBERTON BROOKSIDE COUNTRY CLUB**

Wow! 42 years of putting the plastic and smacking the surlyn. Come on out and help us celebrate our 42<sup>nd</sup> golf outing. There's great food, fun and prizes.

Invite a friend, bring a customer or bring your spouse for a relaxing day. A shotgun start is at 7:30 am, with our deluxe lunch to follow along with gifts and prizes.

You can donate a prize, sponsor a hole or help the committee. Remember, this is all for plastics education. Be a part of your Section and enjoy its benefits.

### **TO DONATE OR FOR MORE INFORMATION CALL:**

**Cathy Herrin at 330-849-5284**

**SEND PRIZES TO 388 S. MAIN ST.  
AKRON, OH 44311  
ATT: DAVID KATZ**

**SEE YOU ON THE 18<sup>TH</sup>**

Spring Golf Committee:  
Bob Wegelin – Chair  
David Katz  
Bud Seymour  
Cam Fraser



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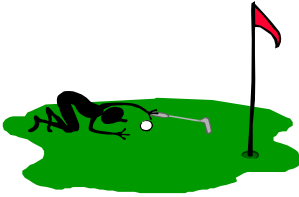


# 42nd Annual Spring Golf Outing



Akron & Cleveland Sections of  
The Society of Plastics Engineers  
at

Barberton Brookside Country Club



Friday, May 18, 2007 (*Rain or Shine*)

**SPONSOR A HOLE !!**

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**INCLUDES:**

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AND A COMPLEMENTARY Deluxe LUNCH  
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Elastomer Systems 388 South Main St. Akron, OH 44311\* 330-849-5287  
330-849-5594(Fax)***

**Make Check Payable to: Akron Section SPE**

*Name and Company*

1. \_\_\_\_\_

*Deluxe Lunch* \_\_\_\_\_ *Y/N*

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

**Primary Contact:** Name \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_



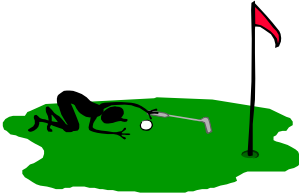
# 42nd Annual Spring Golf Outing

**Akron & Cleveland Sections of  
the Society of Plastics Engineers**  
(Proceeds Go Towards Education)

at

**Barberton Brookside Country Club**

**Friday, May 18, 2007 (Rain or Shine)**



**No Refunds After May 11, 2007**  
**Shotgun Start – 7:30 a.m.**

## AWARDS

*Longest Drive<sup>a</sup> (Women)<sup>a</sup> (Men Over 50)  
(Men Under 50)<sup>a</sup> Closest to the Pin<sup>a</sup>*

*Low Gross<sup>a</sup> Low Net and Wager for Accuracy<sup>a</sup>  
Blind Bogey and Putting Contest*

**Door Prizes for all!!**

*Payment Must Accompany Reservations for Golf and Dinner  
Deadline for Reservations – May 11, 2007*

---

*Detach and mail with your check to: Cathy Herrin 330-849-5287 / 330-849-5594 (fax)  
Advanced Elastomer Systems 388 South Main Street Akron, OH 44311*

**Make Check Payable to: Akron Section SPE**

*Name and Company*

- |          |                                  |
|----------|----------------------------------|
| 1. _____ | <i>*Golf &amp; Lunch \$85.00</i> |
| 2. _____ | <i>Golf &amp; Lunch \$85.00</i>  |
| 3. _____ | <i>Golf &amp; Lunch \$85.00</i>  |
| 4. _____ | <i>Golf &amp; Lunch \$85.00</i>  |

*\*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**

# Vinyl Promotion Network Meeting

June 5-6, 2007  
The Ritz Carlton Cleveland  
1515 West Third Street  
Cleveland, Ohio 44113  
216-623-0515

Please mark your calendars for the next upcoming VPN meeting June 5-6, 2007, in Cleveland, Ohio, at The Ritz Carlton Cleveland. A block of rooms has been reserved for the VPN meeting at the rate of \$204.00 per night. Please call the hotel directly to make your individual reservations and mention the Vinyl Institute's Vinyl Promotion Meeting to assure the proper room rate. Reservations by attendees must be received on or before Tuesday, May 8, 2007.

Check-in at the Ritz Carlton Cleveland is at 4:00 p.m. You may request an early check-in, which will be granted based only on availability, if you plan to arrive early. Check-out is at 12:00 p.m., however, you may request a late check-out if you plan to leave later.

There is a metro rail system that you can access from the Cleveland Airport called the Rapid Train. It takes you directly to the hotel. Board the train from Cleveland Airport to the Tower City stop, exit the train and take the escalator up three flights to the Ritz Carlton. The cost is only \$1.50.

If you have any further questions or need assistance, please contact Tarsha Snead at 703-741-5671 or via email at [tarsha\\_snead@plastics.org](mailto:tarsha_snead@plastics.org). Please fax your form to Tarsha Snead at 703-741-5672.

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City \_\_\_\_\_ State \_\_\_\_ Zip \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Will you attend the Reception Dinner on June 5, at 5:30 p.m.?    \_\_\_Yes \_\_\_No

Will you attend the VPN Meeting on June 6 only?                    \_\_\_Meeting only



# Minutes of Board Meeting – March 5, 2007

**Call to Order:** 5:30 PM at Akron University Polymer Engineering Center

**Present:** John Woodside, Bob Wegelin, Vivian Malpass, Joe Mattingly, Cameron Fraser, Sadhan Jana, Amruth Puttarudraiah, Lloyd Goettler, Joe Pfeiffer, Sylvain Seif and Tony Dean (Scribe)

**Absent -** Dave Schultz, Gary Taylor, Kaan Gunes, Kevin Malpass, Hemant Thakkar and Reza Sadeghi

**Minutes:** No report

**President:** No report.

## **Past President:**

1. Lloyd asked whether Akron Section SPE should participate in Engineers Week Awards Dinner in view of the fact that other local engineering societies are involved. The event is sponsored by the Akron Section Society of Professional Engineers..

2. **Lloyd will determine if the Akron Section SPE should be involved in the Awards dinner next year and make a recommendation to the board.**

3. The April 16 meeting will be a joint one with ACESS. ACESS members will phone in their reservations to Tonya Hill. Akron SPE members will phone in or e-mail their reservations to Joe Pfeiffer. Tonya Hill to contact Joe Pfeiffer with the number of ACESS members attending.

4. **Joe Pfeiffer will send program flyer to Lloyd Goettler who will forward it to Professor K. E. Batcher of Kent State Univ. for distribution to ACESS members.**

**Treasurer:** John Woodside for Gary Taylor. Current checking balance was reported. An area of concern is 2006/2007 low newsletter advertising receipts. Written report submitted to board.

**Secretary:** Tony Dean was acting secretary.

**Awards:** Awards dinner is set for Sheraton Suites for Monday, May 21. Need to select Hall of Honor and Zekan Awardees. Possible speaker is Dr. George Newkome, Vice President of Research at Akron University. **Lloyd Goettler will talk to Dr. Newkome. Cameron Fraser will send out e-mail to board for Hall of Honor nominations.**

## **Student Chapter:**

**Sadhan Jana** - Students have requested practice interviews; not faculty. After some discussion, it was decided to have this done by a management recruiter. Tom Gerst of Management Recruiters was suggested.

**Sadhan Jana will contact Tom Gerst about conducting practice interviews.**

**Sylvain Seif** - Will schedule activities such as movie nights and paintball shooting. Have applied for the Chase and Stretch Awards. Twelve students going to ANTEC. PESO asking for financial support from Akron Section SPE. **Tony Dean to check past minutes and report to Board. How much money was authorized for 2006 ANTEC. Decision on how much to give student chapter will be made at April board meeting.**

**Newsletter:** March newsletter is out and has been posted on the Akron Section SPE Website. Newsletter was not nominated for award. **March 23 is deadline for newsletter articles.** Joe Pfeiffer announced that due to pressure of other duties he cannot do newsletter for 2007/2008 year.



# Minutes of Board Meeting – March 5, 2007 (cont.)

**Membership:** Akron Section SPE member stands at 403. SPE International membership is 19,388. Full report in March Newsletter. Sixty-three out of 403 members responded to postcard requesting verification of E-mail address. It was suggested that the board contact members for the next meeting by phone.

**Councilor's Report:** Councilor's report in the March newsletter. **Joe will attend the councilor meeting at ANTEC.**

**TPE TOPCON 2007:** Forty-one abstracts have been received to date. Next committee meeting is March 7.

**Education Committee:** John Woodside for Hemant Thakker  
Scholarships:

1. Most scholarship recipients have sent their information for the second installment. **Bob Wegelin will send out checks as and when information is received.**
2. The due date for new applications/renewals for 2007/2008 was changed from March 1 to March 10. There are 6-7 applicants so far. More applications are expected. **Bob Wegelin and Hemant Thakker will get together this month and do a preliminary check on the applications to check for eligibility. This will be followed by a proper evaluation of all eligible applications.**

Essay Competition:

The judges are Cameron Fraser, Dave Schultz, Kaan Gunes and Hemant Thakker. Need to narrow down to six essays out of the "pool". **Final decision will be made by the middle of this month and teachers/students will be notified.**

Science Fairs

1. Cameron Fraser and Hemant Thakker went to the Akron Science and Technology Expo. Some projects were related to polymers; however, only one project was suitable for consideration, but it was still not good enough for a full award. It was decided to award \$50 to that project instead of \$100.
2. The Western Reserve District Science Fair is on March 17. **Kaan Gunes, Hemant Thakker and Sylvain Seif have volunteered to help judge.**

**Education Foundation:** Bob reported the amount in the Education Foundation Fund. **Bob will organize the committee and schedule a meeting soon.**

**Advertising:** No report

**Public Interest / Website:** Section meeting announcements are being placed in the Akron Beacon Journal (Calendar - Business Section) and Plastics Engineering magazine. **Beginning this month will also try to get meeting announcement in BottomLine of Business Section of Akron Beacon Journal. Will attempt to put meeting announcement in Plastic News and Polymer Ohio.** Scholarship announcement was placed in BottomLine Section of Akron Beacon Journal on February 27. Website updated. New projects are being put on Plastics Projects Website. Note: Need projects in PDF or Word format.

**Program:** No report.

**Fall Golf:** No report.

**Spring Golf:** Spring Golf Outing with Cleveland Section is scheduled for May 18 at the Barberton Brookside Golf Club.



# Minutes of Board Meeting – March 5, 2007 (cont.)

**House:** Cameron presented a summary of attendance and financials for the meetings held from 9/18/06 to 2/19/07. The section is losing money most of the meetings. The main reason is no shows and half of these are students. A discussion was held of what to do; any action was tabled until the next board meeting.

**Cameron Fraser and Sylvain Seif will have “a little talk” with the offending students. Cameron will also reply to each reservation and ask for a cancellation if the person cannot come.**

**ACCESS:** No report.

**20/20 Program:** Vivian will follow up on Americhem Visit. Next visit will be to A. Schulman or AES in next two to four months.

**2007/2008 Akron SPE Organization:** Joe Mattingly will be President-Elect. Program will be handled by committee: Joe Mattingly (chairman), Tony Dean, John Woodside and Joe Pfeiffer. Newsletter editor is needed for the 2007/2008 year. A member from AES would be preferred as the newsletter is compiled by Jenny Digiantonio at AES.

**Old Business:** No report.

**New Business:** No report.

**Closing Comments:** Adjourned 7:15 pm. Next meeting is April 2, 2007 at the Polymer Engineering Center.



## Akron Polymer Training Center

Provides training classes for plastic and rubber processors taught by University of Akron faculty and industry professionals. Visit our website at [www2.uakron.edu/aptc](http://www2.uakron.edu/aptc) for a complete list of our current course offerings.

### Customized Development and Delivery

The Akron Polymer Training Center also specializes in customized training developed specifically for your employees. Depending on your company's particular needs, our courses can be taught on site at your location, or at our state-of-the-art facility on the campus of The University of Akron.

Our programs are designed to enhance on-the-job effectiveness for all professionals working in the polymer field. If you are experiencing difficulty with polymer-related design or processing problems, contact us. Our reliable and dedicated staff will work with your team to develop a training strategy guaranteed to produce results. Contact Tayba Tahir by phone at **330.972.8661** or email Tayba at [tahir@uakron.edu](mailto:tahir@uakron.edu). If you don't see what you need, no problem! We have the resources to solve even the most vexing polymer processing and design issues.





**SOCIETY OF PLASTICS ENGINEERS**

**Announcement and Call For**  
**Student Posters**

**TPE TOPCON 2007**

*Sponsored By:*

The SPE Thermoplastic Elastomers SIG and the Akron section of SPE

We are looking for student posters on thermoplastic elastomers for the TPE TOPCON 2007. Subject areas are new chemistry, processing or applications for TPEs.

If you are a student or a professor who has a student who would like to display a student paper during this poster session, please send contact information to the below by May 1, 2007. Final paper should be sent by June 1. More details will follow on the preparation of the actual posters. We will be awarding the following prizes for submissions after the event:

**1<sup>st</sup> Place: \$200**

**2<sup>nd</sup> Place: \$100**

**Honorable mentions (3): \$50**

**Dates: September 17-19, 2007**

**Location: Fairlawn, Ohio**

**Reply to: Joe Pfeiffer**

**jepfeiffer@santoprene.com**

**phone 330-849-5097**

**fax 330-849-5589**



## Akron Section Board of Directors

John Woodside 216-533-1324 T  
*Everlight USA, Inc.* 216-741-6883 F  
 President/Chair johnwoodside@ameritech.net

Vivian Malpass 330-342-1120 T  
*Tek-Mark International* 330-342-1134 F  
 President/Chair-elect, vivian.malpass@tek-mark.com  
 VP/Chair, Conf. TOPCON 2007, Program

Dave Schultz 330-798-9300 x86535 T  
*Harwick Standard Dist. Corp.* 330-798-9328 F  
 Secretary schultzd@harwickstandard.com

Gary Taylor 330-336-6621 T  
*Myers Wadsworth* 330-334-7100 F  
 Treasurer gtaylor@po.akro-mils.com

Joe Pfeiffer 330-849-5097 T  
*Advanced Elastomer Systems* 330-849-5589 F  
 Councilor, Newsletter Editor, jepfeiffer@santoprene.com  
 Communications

Lloyd Goettler 330-666-5180 T  
*Retired*  
 Past-President goet30@aol.com

Joe Mattingly 330-929-4213 x1274 T  
*Americhem, Inc.* 330-929-4144 F  
 Prior Past-President/Chair, jmattingly@americhem.com  
 Membership, Newsletter Adv.

Sylvain Seif 330-972-5828 T  
*U Akron Polymer Engineering* 330-258-2339 F  
 Student Chapter President sss14@uakron.edu

Amruth Puttarudraiah 330-630-7107 T  
*A. Schulman* 330-630-3349 F  
 Director, Awards amruth@aschulman.com

Bob Wegelin 330-849-5179 T  
*Advanced Elastomer Systems* 330-849-5589 F  
 Director, Spring Golf, robert.wegelin@santoprene.com  
 Education Foundation

Kevin Malpass 330-490-4743 T  
*Diebold, Inc.* 330-490-4788 F  
 Director malpask@diebold.com

Sadhan Jana 330-972-8293 T  
*U Akron Polymer Engineering* 330-258-2339 F  
 Director, Student Chapter Advisor janas@uakron.edu

Hemant Thakkar 330-794-6600 T  
*ARDL* 330-794-6610 F  
 Director, Education hemant\_thakkar@ardl.com

Cameron Fraser 330-972-6008 T  
*U Akron Polymer Engineering* 330-258-2339 F  
 Director, House cfraser@uakron.edu

Tony Dean 330-929-9916 T  
*Retired* – Director, Public Interest, francis@neo.rr.com  
 Website Master

Josh Wong 330-972-8275 T  
*U Akron Polymer Engineering* 330-972-6027 F  
 Director, Conference TOPCON 2006 swong@uakron.edu

## Contacts at SPE INTERNATIONAL

14 Fairfield Drive  
 P.O. Box 403  
 Brookfield, CT 06804-0403  
 Phone: 203-775-0471 • Fax 203-775-8490

Web: [www.4spe.org](http://www.4spe.org)  
*all phones in area 203 - all e-mail @4spe.org*

NAME / Function	e-mail / phone
Susan Oderwald Executive Director	seoderwald 740-5471
Marie Salzo Executive Assistant	mcsalzo 740-5422
Deborah Daily E-Services Manager	dadaily 740-5468
Laurie McDougal Training and Education Coord.	lamcdougal 740-5432
Jackie Salzo Advertising Sales	jsalzo 740-5411
Tobi Gebauer Senior Manager, Membership	tgebauer 740-5457
Tricia McKnight Liaison, Leadership Serv.-Section Admn.	tmcknight 740-5430
Maria Russo Liaison, Leadership Serv.-Divisions, SIGs, Student, ANTEC Exhibits	mrusso 740-5431
Lesley Kyle Senior Event Manager	lskyle 740-5452
Gail R. Bristol Managing Director, Foundation	grbristol 740-5447
Linda Roos Customer Relations - BookStore	lroos 740-5449
Elizabeth Mitchell Online Technical Program Coordinator	emitchell 740-5472

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Kaan Gunes <i>U Akron Polymer Engineering</i> Director	330-972-5795 T 330-258-2339 F kg23@uakron.edu
Reza Sadeghi <i>A. Schulman</i> Director	330-630-7107 T 330-630-3349 F reza_sadeghi@us.aschulman.com
Jenny Digiantonio <i>Advanced Elastomer Systems</i> Newsletter	330-849-5166 T 330-849-5589 F jldigi@santoprene.com



## Akron Section Society of Plastics Engineers, Inc.

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 250 young men and women, totaling in excess of \$200,000 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 three named scholarships – ***Omnova***, ***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.

We are looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 330-849-5179 or e-mail at [robert.wegelin@santoprene.com](mailto:robert.wegelin@santoprene.com) with any questions. Thank you for your consideration.

Sincerely,  
Bob Wegelin, Chairman  
Akron Section Society of Plastics Engineers, Education Foundation Committee



# SPE MEMBER BENEFITS GUIDE



FREE TO MEMBERS

	BENEFIT	DESCRIPTION	WEBSITE LINK
NETWORKING	Business Networking Resources	Connect to industry experts	<a href="http://www.4spe.org/cc">www.4spe.org/cc</a>
	Local Section Affiliation	Network with members locally in over 75 countries	<a href="http://www.4spe.org/communities/sections">www.4spe.org/communities/sections</a>
	Online Membership Directory	Unlimited access provides the link to fellow members	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
	Technical Affiliation	24 Divisions represent major industry specialties	<a href="http://www.4spe.org/communities/divisions">www.4spe.org/communities/divisions</a>
MEDIA	Newsletters	News & events about specific local & technical affiliations	<a href="http://www.4spe.org/communities/newsletters">www.4spe.org/communities/newsletters</a>
	<i>Plastics Engineering (PE)</i>	The official monthly publication of SPE	<a href="http://www.4spe.org/pub">www.4spe.org/pub</a>
	SPE Online	Your 24/7 source for Society information	<a href="http://www.4spe.org">www.4spe.org</a>
	Tech Focus	Monthly electronic newsletter offering society & industry news	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
TECHNICAL	Online Technical Library	Searchable database of technical articles & conference papers	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
	Message Forums	Online question & answer forum	<a href="http://www.askpip.com">www.askpip.com</a>
	Special Interest Groups	Emerging areas not currently covered by technical Divisions	<a href="http://www.4spe.org/communities/divisions/#sig">www.4spe.org/communities/divisions/#sig</a>
	SPE Journals	Read abstracts from our three technical journals	<a href="http://www.4spe.org/pub/journal">www.4spe.org/pub/journal</a>
CAREER	American Management Association	Through a partner alliance, access AMA's educational resources	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
	Awards	Outstanding contributions recognized	<a href="http://www.4spe.org/awards">www.4spe.org/awards</a>
	Leadership Development	The opportunity to improve professionally & personally	<a href="http://www.4spe.org/communities/leadership">www.4spe.org/communities/leadership</a>
	Online Career Development	Career enrichment, job openings & resume database	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
	Professional Recognition	Distinguished grades of membership recognize accomplishments	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
	Scholarships & Grants	Awarded by The SPE Foundation	<a href="http://www.4spe.org/foundation">www.4spe.org/foundation</a>
	Student Benefits	Over 100 Student Chapters in nine countries	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
	Unemployment Services	Benefits for the unemployed member	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>

SAVINGS TO MEMBERS

	BENEFIT	DESCRIPTION	WEBSITE LINK
TRAINING	ANTEC	Largest annual technical conference in the industry	<a href="http://www.antec.ws">www.antec.ws</a>
	Career Coaching	For-a-fee services for career enhancement	<a href="http://www.4careersolutions.org">www.4careersolutions.org</a>
	e-Learning Center	Online self-paced courses, live & archived presentations	<a href="http://www.4spe.org/elearning">www.4spe.org/elearning</a>
	In-plant Training	Seminar instruction at member's company	<a href="http://www.4spe.org/training/seminars">www.4spe.org/training/seminars</a>
	Seminars	Expert instruction on current plastics topics	<a href="http://www.4spe.org/training/seminars">www.4spe.org/training/seminars</a>
	Technical Journals	Subscribe to peer-reviewed articles. Available online and in print	<a href="http://www.4spe.org/pub">www.4spe.org/pub</a>
	Topical Conferences	Targeted at specific technical & management disciplines	<a href="http://www.4spe.org/conf">www.4spe.org/conf</a>
	Training Products	Developed by SPE & other leading providers. Some Spanish titles	<a href="http://www.4spe.org/training/products">www.4spe.org/training/products</a>
	OTHER	Career Transition Services	Outplacement program offered to member's company
Group Health Insurance		Health, disability & life insurance at attractive group rates	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>
Online Job Posting		A source for companies to find qualified staff	<a href="http://www.4careersolutions.org">www.4careersolutions.org</a>
SPE BookStore		Discounts on 250+ reference books & training products	<a href="http://www.4spe.org/training/products">www.4spe.org/training/products</a>
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## **WHY JOIN ?**

*It has never been more important to be a member of your professional society than now, in the current climate of change and volatility in the plastics industry. Now, more than ever, the information you access and the personal networks you create can and will directly impact your future and your career.*

### **Active membership in SPE:**

- **keeps you current**
- **keeps you informed**
- **keeps you connected**

**The question really isn't "why join?" but**

**WHY NOT?**



**Akron Section Society of Plastics Engineers**

Joe Mattingly, Advertising Manager  
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**Insertion Order 2006-07**

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Please check ad size wanted. One column is 3-7/8" wide.

Rates are for entire season, September 2006 – Summer 2007. **Payable in Advance.**  
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c/o Joe Mattingly  
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Akron, OH 44309



# Society of Plastics Engineers

PO Box 403, Brookfield, CT 06804-0403 USA  
Telephone: +1.203.740.5403 Fax: +1.203.775.8490  
www.4spe.org

# MEMBERSHIP APPLICATION

## Applicant Information

<b>Name:</b> _____ first last mi		<b>Home Address:</b> <i>(please provide)</i> address: address: city: state: zip: country:	
<b>Applicant Type:</b> <input type="checkbox"/> Member <input type="checkbox"/> Student (must supply graduation date _____)		<b>Preferred Mailing Address:</b> <input type="checkbox"/> Home <input type="checkbox"/> Business	
<b>Job Title:</b> _____		<b>Job Function:</b> <i>(choose only one)</i> <input type="checkbox"/> Consulting (11) <input type="checkbox"/> Design (02) <input type="checkbox"/> Education (08) <input type="checkbox"/> General Management <input type="checkbox"/> Library (10) <input type="checkbox"/> Manufacturing (04) <input type="checkbox"/> Marketing (07) <input type="checkbox"/> Purchasing (06) <input type="checkbox"/> Quality Control (05) <input type="checkbox"/> R & D (03) <input type="checkbox"/> Retired (98) <input type="checkbox"/> Student (09) <input type="checkbox"/> Tech Support (12) <input type="checkbox"/> Other (99)	
<b>Company Name and Business Address (or College):</b> company/college: address: address: city: state: zip: country:		<b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female <b>Birth Date:</b> (mm/dd/yyyy)	
<b>Work Phone:</b> ( )		<b>Fax:</b> ( )	
<b>Home Phone:</b> ( )		The SPE Online Membership Directory is included with membership. Your information will automatically be included. <input type="checkbox"/> Exclude my email from Online Member Directory <input type="checkbox"/> Exclude all my information from Online Member Directory <input type="checkbox"/> Exclude my address from all 3rd party mailings	
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<b>Additional Divisions are available for a fee. Check below to select Additional Divisions.</b> <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)			<b>Additional Division(s)</b> _____ cost for each Additional Division <b>1 year 2 years</b> US \$6.00 \$12.00 Canada \$9.00 \$18.00 Euros €6.00 €12.00  <b>TOTAL</b> _____

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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.  
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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 \_\_\_\_\_

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www 03/06