

# Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers  
Our 49<sup>th</sup> Year of Education and Service to the Plastics Industry

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## Costs, Schedules, Reservations

Member	\$25.00
Guest and Member	\$40.00
Retiree	\$20.00
Student	\$10.00

Registration and Social	5:30 p.m.
Dinner	6:15 p.m.
Presentation	7:00 p.m.

Contact Bob Wegelin on or before  
Apr. 24 - 330/414-1498  
robert.wegelin@sbcglobal.net

**Coming Up:**

- Next meetings
  - May 16 – Spring Golf Outing
  - May 19 – Awards Night

## Technical Meeting

Monday, April 28, 2008

5:30 p.m.

Guy's Party Centre  
500 East Waterloo Road  
Akron, Ohio 44319

## Weathering of Plastics

Atlas Material Testing Technology,  
William Lucas



Bayer Material Science,  
Amy Wylie



Bayer MaterialScience

The first outdoor weathering test site was established in 1906 in Fargo, North Dakota. Bakelite; the first *entirely synthetic* plastic, was patented in 1907. Coating plastic for appearance or other purposes is comparatively recent. So what have we learned about weatherability testing for plastics, coatings and coatings on plastics in the past 92 or so years? This talk will address some of the different approaches to weatherability testing, specific things to keep in mind when selecting or developing weathering test methods or programs, and discuss the issues of acceleration, correlations and service life prediction in light of our current understanding.

See page 4 for  
Speaker biographies

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# President's Message

On March 31, we had our first Vendor's Night at Guy's Party Centre in Akron. We had 12 companies showcasing their equipment, products and services and had 40 total registrations. Each company was recognized after the dinner and their representative was given the opportunity to make a few remarks about their company. Everyone attending thought that a Vendor's Night was a good idea and should be tried again.

Our last technical meeting will be on Monday, April 28, also at Guy's Party Centre. We will feature two speakers who will talk on different aspects of plastics weathering and protection. "Weathering and Testing of Plastics" will be presented by William Lucas of Atlas Material Testing. "Coating of Plastics" will be presented by Amy Wylie of Bayer Material Science. Come and join us for this last technical meeting of 2007-8.

We will hold our Spring Golf outing on Friday, May 16 at the Barberton Brookside Golf and Country Club, and our Annual Awards Night the following Monday, May 19 at the Raintree Country Club in Uniontown.

I hope you are enjoying the program so far and will continue to participate. We have started our program planning for 2008-9, which will be focused on the 50th Anniversary of the Akron Section. We plan to recognize local polymer and plastics companies at each of our monthly meetings and wind up with a Gala Night in April, 2009. We welcome all input on our monthly meeting program and ideas for future programs, as well as any suggestions for improving the value of SPE to our membership. Remember that the SPE ANTEC and Plastics Encounter Exhibition will be held in Milwaukee from May 4 through May 9.

Looking forward to meeting with you all at Guy's Party Centre on Monday, April 28.

You can always contact me at [vivian.malpass@tek-mark.com](mailto:vivian.malpass@tek-mark.com) or at 330-342-1120.

Sincerely,  
Viv Malpass

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## Map to Guy's Party Centre 500 East Waterloo Road Akron, Ohio 44319

\*After following most of these directions, Guy's is a very short distance from the exit on the left, just before Giant Eagle and across the street from Scorchers and the Waterloo Restaurant.

### From the North (Akron, Cuy. Falls, Hudson, E. Cleve)

Take Route 8 south until it becomes 77 south. Continue on 77 south for a little less than 2 more miles. Take the Waterloo Rd exit. Turn right at the bottom of the ramp.

### From the Northwest (Fairlawn, Montrose, W. Cleve)

Follow 77 south until it combines with 76 and then separates again, heading south (Rt 8 will head north, 77 will head south, take 77 south). Continue for a little less than 2 more miles. Take the Waterloo Rd exit. Turn right at the bottom of the ramp.

### From the East (Kent, Ravenna, Youngstown)

Follow 76 west to 77 south. Continue on 77 south for a little less than 2 miles. Take the Waterloo Road exit. Turn right at the bottom of the exit ramp.

### From the West (I-71, Wadsworth, Barberton)

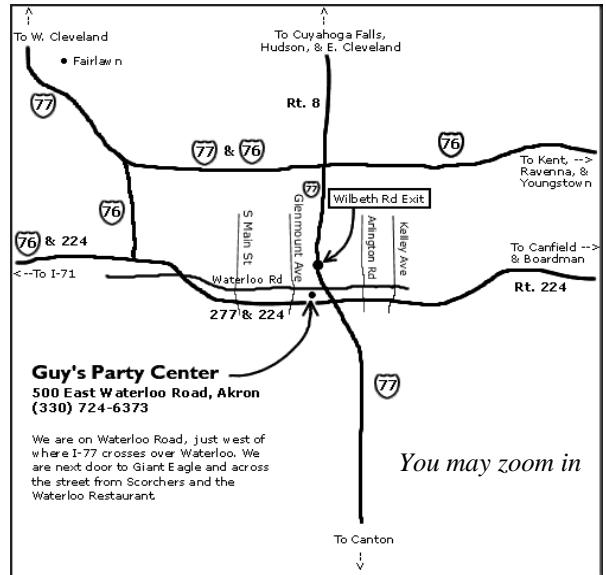
Take 76/224 east until it turns into only St. Rt. 224. Follow St. Rt. 224 east to the Main Street exit. Turn left onto Main at the end of the exit ramp. Turn right at first major intersection -- Waterloo. Guy's is about a mile up on the right, just past Giant Eagle and across the street from Scorchers and the Waterloo Restaurant.

### From the South (Canton)

This is a little strange, but the easiest way. There is an exit ramp onto Waterloo from 77 south, but NOT from 77 north, so follow 77 north to the Wilbeth Road exit. Get off on that exit, then make two lefts, thus getting back onto 77 going SOUTH. Take the very next exit - Waterloo Rd. Turn right at the bottom of the exit ramp.

### From the Southeast (Canfield, Boardman, Alliance)

Follow St. Rt. 224 west to Kelley Ave/Waterloo Rd exit. Turn right at the end of the exit ramp and then, almost immediately, left onto Waterloo Rd. Take Waterloo Rd past where it crosses under I-77.



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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.*



## Biography of Speakers

### Amy Wylie

Amy Wylie joined Bayer Material Science in 1997. She has experience in various areas including Paper Colorants and Chemicals, Coatings Research, and Plastic Coatings. Amy received a Bachelor of Science



Degree in Life Science from The Pennsylvania State University in 1998 and a Bachelor of Science Degree in Chemistry from The University of Pittsburgh in 2006. She is currently a Senior Research and Development Specialist focusing on plastic coatings in the Coatings, Adhesives, and Sealants Division. Her primary responsibilities include the development of various resin types (including waterborne polyurethane products, blocked polyisocyanates, aliphatic polyisocyanates and UV curing resins) for general industrial and automotive applications.

### William L. Lucas

Bill has been the regional technical sales representative for Atlas Material Testing Technology LLC for the past 9 years. He was previously a Division Manager for the Kurt J. Lesker Company, a provider of high vacuum systems and components. Additional experience included technical sales positions at Fisons Instruments, Zymark Corporation, and Dionex Corporation with an emphasis on spectroscopy and chromatography.

He received his bachelors' degree in Chemistry from the University of Pittsburgh. Bill also served 23 years in the US Air Force as both an enlisted Medical Technician and an officer. His last position was as the senior health service administrator for the Air Force Reserves 911th Medical Squadron.

Active in the Pittsburgh Society for Coatings Technology, Bill is now the immediate past president.

## Councilor's Corner

Greetings to all of my fellow Akron members from your councilor. I do not have much to report at this time. ANTEC is coming up and we will have a full two days of meeting in Milwaukee. I will have much more to report after that meeting. Do you have anything you want me to bring up at the meetings? Any opinions or ideas you want me to voice? Just let me know. Main topics these days are declining membership, ANTEC 2009 joint with NPE, a program database, and the loss in revenue from Plastics Engineering magazine. No major votes are coming up and elections were held during last council meeting in late January. That is all.

Give me a call or send an email if you have suggestions or inputs for the ANTEC meetings. Thank you for your support.

*Joseph E. Pfeiffer*



*Honored Service Member awardee,  
Lloyd Goettler.*



## 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:

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*Information technology*

*Advanced materials*

*Instruments, controls and electronics*

*Bioscience*

*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 [markham@polymerohio.org](mailto:markham@polymerohio.org).



## 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.

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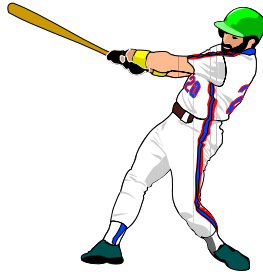
The Akron Polymer Training Center also specializes in customized training developed specifically for your employees. Depending on your company's particular needs, our courses can be taught on site at your location, or at our state-of-the-art facility on the campus of The University of Akron.

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.



## Advertiser Index

Akron Polymer Training Center (live link ad)	5
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Chemir Analytical Services (live link ad)	2
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## Programs for 2007 / 2008

Sept. 10	<b>Blown Film – with Cleveland</b> Polymer Packaging - Tour -- Dinner TBA	Feb. 25	<b>Compounding and Auxiliary Equipment</b> Reduction Eng., Chris Case -- Tangier's lunch
Sept. 17-19	<b>TPE TOPCON</b> -- Hilton Inn	Mar. 31	<b>Vendor's Display Program</b> (suppliers, tooling, etc.) -- Guy's Party Centre
Oct. 22	<b>Materials in Space - NASA</b> -- Hilton Inn	Apr. 28	<b>Weathering of Plastics</b> Atlas Material Testing Technology LLC, William Lucas -- Guy's Party Centre
Nov. 26	<b>Akron CNC Training Center</b> -- Lindsay's Amber Restaurant	May 16	<b>Spring Golf Outing</b> -- Barberton Brookside
Dec. 10	<b>Social Outing – with Cleveland</b> -- Pro Football Hall of Fame	May 19	<b>Awards Night</b> -- TBA
Jan. 28	<b>Blow Molding – with Cleveland</b> Steere Enterprises -- Royal Buffet		

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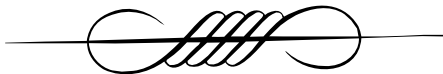
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1963-1964	Edward L. Hillier	1987-1988	Judith A. Fallon
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1968-1969	Bernard M. Saffian	1992-1993	Robert Wegelin
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1970-1971	Robert G. Hills	1994-1995	Wayne Decamp
1971-1972	John J. Satterfield	1995-1996	Melanie Stewart
1972-1973	Alexis M. Gross	1996-1997	Kevin Hershfield
1973-1974	Francis J. Maurer	1997-1998	Dave Schultz
1974-1975	Leverett A. Anderson, Jr.	1998-1999	John Raab
1975-1976	Robert M. Hershey	1999-2000	Gary Taylor
1976-1977	Richard L. Fleshman	2000-2001	Kevin Malpass
1977-1978	David Curtis	2001-2002	Ken Sharp
1978-1979	John A. Zelek, Jr.	2002-2003	Joe Pfeiffer
1979-1980	Gerald W. Whitnoble	2003-2004	Robert Wegelin
1980-1981	Kathleen N. Bechter	2004-2005	Joe Mattingly
1981-1982	Victor E. Giuffrida	2005-2006	Lloyd Goettler
1982-1983	James Steiner	2006-2007	John Woodside

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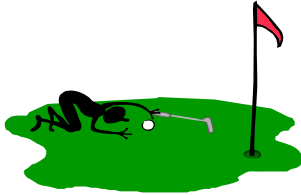




# 43rd Annual Spring Golf Outing

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

**Barberton Brookside Country Club**  
**Friday, May 16, 2008 (Rain or Shine)**  
**No Refunds After May 9, 2008**



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*

**Door Prizes!!**

**(No price increase, same as 2007)**

*Payment Must Accompany Reservations for Golf and Dinner  
Deadline for Reservations – May 9, 2008*

---

*Detach and mail with your check to: Bob Wegelin 330-414-1498 13206 Kaufman Ave NW  
Hartville, OH 44632*

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

*Name and Company*

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4. _____	Golf \$60.00 _____	Lunch \$25.00 _____	Both \$80.00 _____

*\*Includes 1/2 Golf Cart Fee*

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

**Primary Contact:** Name \_\_\_\_\_  
Address \_\_\_\_\_  
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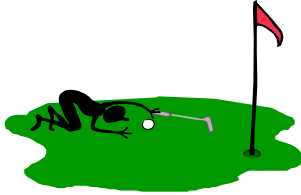
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# 43rd Annual Spring Golf Outing



Akron & Cleveland Sections  
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Barberton Brookside Country Club



Friday, May 16, 2008 (*Rain or Shine*)

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*Name and Company*

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

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Telephone \_\_\_\_\_

# March Meeting – Vendor’s Night at Guy’s Party Centre

*Joe Mattingly of SteerAmerica with Viv Malpass*



*Cindy Izotic of Price Fitters  
with Viv Malpass*



*Rod Manfull of Americhem*



# March Meeting – Vendor’s Night at Guy’s Party Centre



*Doug Croley and Brian Wilde at Americhem booth*



*John Nelson of Thermoplastic Solutions with Robert Digiantonio, Plastics 101*



*John Woodside of Everlight Chemicals*



## March Meeting – Vendor’s Night at Guy’s Party Centre

*Cindy Izotic and  
Ashley Krider of  
Price Fitters*



*David Katz at the  
registration desk*



*Hemant Thakkar of ARDL –  
BOD speaker*

## March Meeting – Vendor’s Night at Guy’s Party Centre



*John Woodside of Everlight Chemicals*



*Mike Mallamci and Harlin Wilk of PolyInsight with Viv Maspas*

## Membership Report – March, 2008

Akron had 1 new member join in March. Our membership number is at **374**.

We had no transfers in and two transfers out of our section.

*Membership chair, Reza Sadeghi*

**New Member** - Say “hello and thanks for joining” if you know the following person.

**Stephen Pastor from the Technology House**

## Akron Section Board of Directors

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Jenny Digiantonio <i>Advanced Elastomer Systems</i> Newsletter	330-849-5166 T 330-849-5599 F jenny.digiantonio@exxonmobil.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 330-414-1498 or e-mail at [robert.wegelin@sbcglobal.net](mailto:robert.wegelin@sbcglobal.net) 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>
SPE/MBNA Credit Card		SPE Platinum Plus Mastercard® (US & Canada only)	<a href="http://www.4spe.org/membercenter">www.4spe.org/membercenter</a>

WEBSITE LINKS SUBJECT TO CHANGE - CHECK [WWW.4SPE.ORG](http://WWW.4SPE.ORG) FOR FULL BENEFITS

## **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  
330-929-4213, ext. 1274

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**Insertion Order 2007-08**

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

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

Rates are for entire season, September 2007 – Summer 2008. **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 [jmattingly@americhem.com](mailto:jmattingly@americhem.com)**

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

<b>(please X)</b>	<b>Ad Size</b>	<b>Dimensions</b>	<b>Price for year</b>
	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
	Half Page	Page width (7.5"), 5" high	\$500
	Hotlink to company website	N/A	\$75 / year

**The cost on a per issue basis will be calculated by dividing the "Year" price by 10**

**Contact Person**

**Billing Information:**

Company:

Name:

Address:

Phone #:

Fax #:

Email address:

**Mail checks, payable to AKRON SECTION SPE, to:**  
Akron Section SPE  
c/o Joe Mattingly  
SPE – Akron Section  
PO Box 1417  
Akron, OH 44309



# Society of Plastics Engineers Membership Application

P.O. Box 403, Brookfield, CT 06804-0403 USA  
Tel: +1.203.740.5403 Fax: +1.203.775.8490  
www.4spe.org

European Member Bureau  
Eric Sasselaan 51, BE-2020 Antwerpen, BELGIUM  
Tel: 32 (0)3 541 7755 Fax: 32 (0)3 541 8425 www.speurope.org

## Applicant Information

<b>Name:</b> first last mi		<b>Gender:</b> <input type="checkbox"/> Male <input type="checkbox"/> Female	
<b>Company Name and Business Address (or College):</b> company/college:  job title:  address:  address:  city: state:  zip: country:		<b>Birth Date:</b> (mm/dd/yyyy)	
Phone/Fax Format: USA & Canada: (xxx) xxx-xxxx All Others: +xx(xx) x xxx xxxx		<b>Demographics</b>	
<b>Work Phone:</b> <b>Fax:</b>		<b>Job Function</b> (choose only one) <input type="checkbox"/> Consulting <input type="checkbox"/> Purchasing <input type="checkbox"/> Design <input type="checkbox"/> Quality Control <input type="checkbox"/> Education (Faculty) <input type="checkbox"/> R & D <input type="checkbox"/> Engineer <input type="checkbox"/> Retired <input type="checkbox"/> General Management <input type="checkbox"/> Self-Employed <input type="checkbox"/> Manufacturing <input type="checkbox"/> Student <input type="checkbox"/> Marketing/Sales <input type="checkbox"/> Tech Support <input type="checkbox"/> Other	
<b>Email:</b> used for society business only		<b>Materials</b> (choose all that apply) <input type="checkbox"/> Composites <input type="checkbox"/> Polyolefins <input type="checkbox"/> Film <input type="checkbox"/> Polystyrene <input type="checkbox"/> General Interest <input type="checkbox"/> TPEs <input type="checkbox"/> Nylon <input type="checkbox"/> Thermoset <input type="checkbox"/> PET <input type="checkbox"/> Vinyls <input type="checkbox"/> Foam/Thermoplastics <input type="checkbox"/> No Interest	
<b>Home Address:</b> address:  city: state:  zip: country:		<b>Process</b> (choose all that apply) <input type="checkbox"/> Blow Molding <input type="checkbox"/> Injection Molding <input type="checkbox"/> Compression <input type="checkbox"/> Mold Making <input type="checkbox"/> Compounding <input type="checkbox"/> Product Design <input type="checkbox"/> Engineering Properties <input type="checkbox"/> Rotational Molding <input type="checkbox"/> Extrusion <input type="checkbox"/> Thermoforming <input type="checkbox"/> Fabrication <input type="checkbox"/> General Interest <input type="checkbox"/> Foam <input type="checkbox"/> No Interest	
<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 the Online Member Directory <input type="checkbox"/> Exclude all my information from the Online Member Directory <input type="checkbox"/> Exclude my address from 3rd party mailings	
<b>(✓) Preferred Mailing Address:</b> <input type="checkbox"/> Home <input type="checkbox"/> Business			

## Payment Information

<b>New Member 1 Year</b> <input type="checkbox"/> US (\$128.00) <input type="checkbox"/> Canada (\$152.00) <input type="checkbox"/> Euro** (€124.00)	<b>New Member 2 Years *</b> <input type="checkbox"/> US (\$235.00) <input type="checkbox"/> Canada (\$278.00) <input type="checkbox"/> Euro** (€226.00)	<b>Student Member</b> <input type="checkbox"/> US (\$30.00) <input type="checkbox"/> Canada (\$36.00) <input type="checkbox"/> Euro** (€25.00)	<b>Students must supply graduation date:</b> _____												
<b>My Primary Division is</b> (choose from below) _____			<b>Membership Amount</b> _____												
<b>Additional Divisions are available for a fee. Check below to select Additional Divisions.</b>			<b>Primary Division</b> <b>FREE</b>												
<input type="checkbox"/> Additives & Color Europe (D45) <input type="checkbox"/> Medical Plastics (D36) <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"/> Flexible Packaging (D44) <input type="checkbox"/> Thermoplastic Materials & Foams (D29) <input type="checkbox"/> Injection Molding (D23) <input type="checkbox"/> Thermoset (D28) <input type="checkbox"/> Marketing & Management (D37) <input type="checkbox"/> Vinyl Plastics (D27)			<b>Additional Division(s)</b> costs for each Additional Division <table border="1"> <thead> <tr> <th></th> <th>1yr.</th> <th>2 yrs.</th> </tr> </thead> <tbody> <tr> <td>US</td> <td>\$6.00</td> <td>\$12.00</td> </tr> <tr> <td>Canada</td> <td>\$7.00</td> <td>\$14.00</td> </tr> <tr> <td>Euros</td> <td>€5.00</td> <td>€10.00</td> </tr> </tbody> </table>		1yr.	2 yrs.	US	\$6.00	\$12.00	Canada	\$7.00	\$14.00	Euros	€5.00	€10.00
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<input type="checkbox"/> CHECK <input type="checkbox"/> VISA <input type="checkbox"/> AMEX <input type="checkbox"/> MASTERCARD card number _____ expiration date (mm/yyyy) _____ <b>PAYMENT MUST ACCOMPANY APPLICATION</b> <b>No Purchase Orders Accepted</b> Checks must be drawn on US or Canadian banks in US or Canadian funds. Dues include a 1-year subscription to <i>Plastics Engineering</i> magazine—\$38.00 value (non-deductible). SPE membership is valid for twelve months from the month your application is processed. *extra savings. **European membership dues include a program fee to support SPE's activities in Europe.	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 # _____
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