

Polymer Valley News

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

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Technical Meeting

Monday, October 22, 2007
5:30 p.m.

Hilton Inn
3180 West Market Street
Akron, Ohio 44333
(330) 867-5000



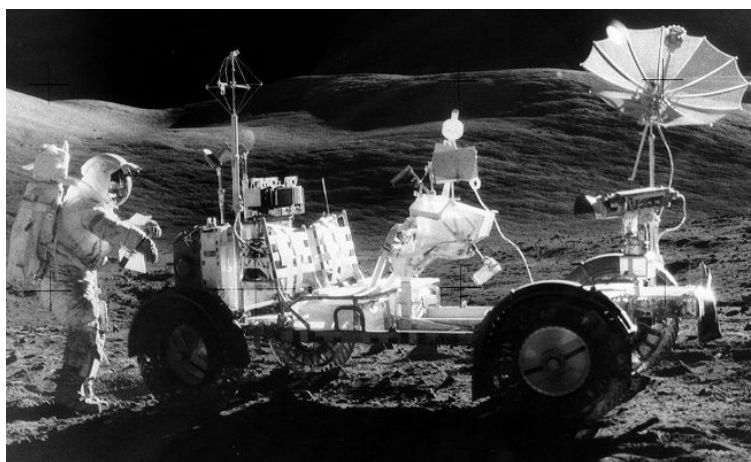
"Rovers on the Moon - Past and Future" **NASA**
By Steve Bauman

Costs, Schedules, Reservations

Member	\$25.00
Guest of Member	\$35.00
Retiree	\$20.00
Student	\$15.00

Socializing	5:30 p.m.
Dinner	6:15 p.m.
Technical program following	

Contact Bob Wegelin (330/414-1498)
on or before Oct 18 -
robert.wegelin@sbcglobal.net



See page 4 for
Steve Bauman's biography

Coming Up:

- Next meeting – Nov. 26, 2007
- Board meeting – Oct. 1, 2007,
Polymer Eng. Center, Room 105

Oct 2007, Page 1



President's Message

Dear Member:

Our first Section meeting was a plant tour of Polymer Packaging in Massillon, OH on Monday, September 10. This was joint with the Cleveland Section. Akron Section was well represented, particularly by nine students from Akron University. The students had requested that our program have a number of plant tours. We will be offering a total of 4 possible plant tours in the 2007-8 year.

We were given a good description of the plant equipment and food contact clean room operations. The students were particularly impressed with the 3 and 7 layer blown film co-extrusion lines which were operating.

Our 8th TPE TOPCON will be held at the Hilton Akron Fairlawn from Monday Sept 17 to Wednesday Sept 19. Advanced registrations are over 200 which is in line with our budgeted number. We expect to get over 250 final registrations after the on-site registrations are completed. In addition to the 28 high quality technical papers on the latest new TPE materials, processing and applications, and the Poster Session and 27 Exhibits we are fortunate to have two excellent lunch Keynote Speakers. Suresh Swaminathan of Teknor Apex will speak on *Global TPE Markets* on Tuesday Sept 18 and Tom Murdough retired CEO of Step 2 and previous founder of Little Tikes in Hudson will describe his experiences in *Adventures of an Entrepreneur* on Wednesday.

I hope you join us at this important event for the Akron Section.

In October our topic will be "Materials in Space" and will be presented by Steve Bauman of NASA at the Akron Hilton on Monday October 22 at 5.30pm.

COME AND JOIN US!!!!

Sincerely,
Viv Malpass
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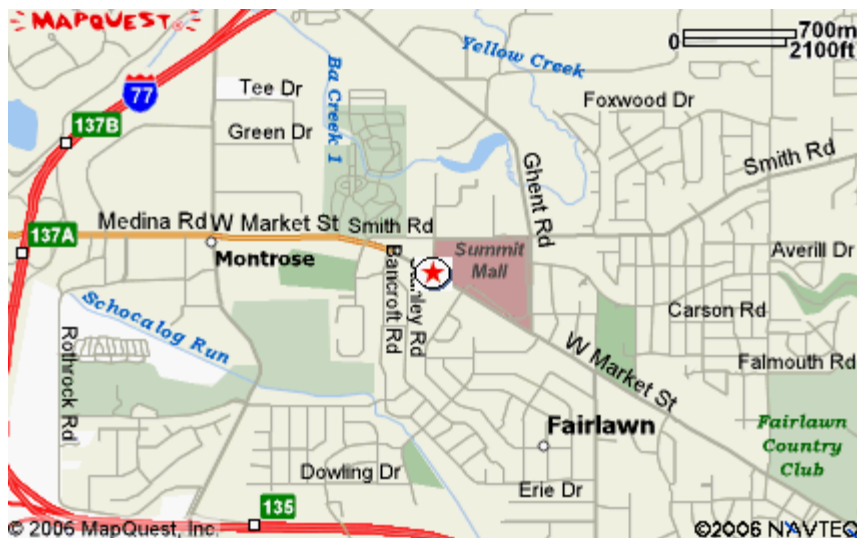
Map to Hilton Inn West 3180 West Market Street, Akron, Ohio 44333

From Cleveland Hopkins Airport: Take 480 East to I-77 South; follow driving south directions
Driving South on I-77: Take Exit #138 to Ghent Rd. Turn Right onto Ghent. Follow for 2 miles until ends into W Market St. Turn Right onto W Market. Hotel will be immediately on left.

Driving North on I-76/I-77: I-76 runs directly into I-77. Take Exit #133 (Ridgewood/Miller Rd). Proceed straight at light off Miller Rd to W Market St (Rte#18). Turn left onto W Market. Travel three block and hotel will be on left hand side (across from Summit Mall)

Driving North or South on I-71: Take Route 18 (Medina Exit #218). Drive east on Rte 18 approximately 12 miles. The Hilton will be located on the right hand side opposite Summit Mall.

Ohio Turnpike: Take Exit #11 off the Ohio Turnpike. Follow the signs to I-77 South to Ghent Rd.



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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. If you post a question we will post it in the following newsletter along with the answer.



Biography of Speaker - Steve Bauman

Steve Bauman, a Research Engineer in the Tribology & Surface Science Branch, joined the staff of the National Aeronautics and Space Administration's John H. Glenn Research Center in 1987.

Steve is currently a member of a new team that formed in 2006 to investigate terra-mechanics and cold mechanisms for the new lunar rover designs that will be required for the new NASA moon exploration and inhabitation program. He designed a unique indoor soil bed, complete with an articulating sloped portion, for indoor rover traction and performance studies. He also is developing an instrument for measuring the traction of any soil. Versions of this instrument will eventually travel to the moon to collect data.

Previously, Steve was a member of the Oil-Free Turbo-Machinery Project team that is conducting research on oil-free bearings for possible use in turbo-chargers, small turbine engines, and cryogenic pumps for the nuclear space propulsion initiative. After having designed several demonstration rigs and specifying, purchasing and operating a unique thrust bearing test rig, Steve became the first to design, build, and operate a rig to test foil bearings at aircraft-engine operational conditions of reduced air-pressure (high altitude simulation), elevated temperatures, and high loads, all simultaneously.

Steve won the Szabo Award, the prestigious annual NASA Glenn Design Engineering award, for his work as the lead engineer in the Traversing Microphone Project. Additionally, during his career, he has been the recipient of ten NASA Special Achievement Awards, and several group achievement awards. He is also an Ohio Professional Engineer, and a member of the American Institute of Aeronautics and Astronautics.

Earlier, he designed, fabricated and installed a new highly innovative and accessible test section for the 1 x 1 Supersonic Wind Tunnel. He also led the design of the test chamber of the Droplet Combustion Experiment that successfully flew aboard the space shuttle in the summer of 1997. And, he engineered a complex and innovative mirror system for a new 15 kW Solar Simulator currently in operation.

A native of Fairview Park, Mr. Bauman earned a Bachelor of Science in Mechanical Engineering from Case Western Reserve University in 1979 and a Master of Business Administration from Cleveland State University in 1982.

In his spare time, he enjoys boating, sailing, fishing, water and snow skiing, woodworking, home remodeling and car maintenance. He is also a radio-control model airplane builder and flyer, as well as a private pilot.

The Bauman family, his wife and three teenagers, reside in Granger Township, OH.



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
Information technology*

*Advanced materials
Instruments, controls and electronics*

*Bioscience
Power and propulsion*

For more information please go to 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.

For more information or assistance, call Rich Markham at 614-477-1133 or write to 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 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. 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

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Chemir Analytical Services	2
David Industrial Sales	2
Dover Chemical Corp.	3
Price Fitters	<i>Coming Soon - click here for link</i>
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Membership Report – July, 2007

- Akron had 6 new members join in June. Our membership number is at **371**. See list below for new members. We also had no members transfer in to our section, and three transfer out, and 14 membership renewals.

Membership chair, Reza Sadeghi

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

Estella Allen, Gojo Industries, Inc.

William S. Everhart, Bill Everhart Extrusions

Dennis S. Foy, Teknor Color Company

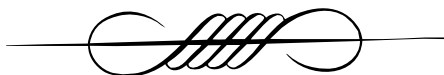
Jacob John, Uponor

Marci L. Lubs, Lauren Composites

Gayle D. Tomkinson

Akron Section SPE Past Presidents

*48 years of
excellence*



1959-1960	Donald F. Siddall	1983-1984	Robert G. Hills
1960-1961	Milan Krajcik	1984-1985	Anthony F. Dean, Jr.
1961-1962	Foster J. Young	1985-1986	Gene Buser
1962-1963	Dickson L. Stoker, III	1986-1987	Harry J. Barth
1963-1964	Edward L. Hillier	1987-1988	Judith A. Fallon
1964-1965	John R. Russell	1988-1989	William E. Tosco
1965-1966	John R. Russell	1989-1990	Robert Wegelin
1966-1967	Clyde H. Jones	1990-1991	Geraldine R. Stromquist
1967-1968	Alan Corry, Jr.	1991-1992	Spencer Keiser
1968-1969	Bernard M. Saffian	1992-1993	Robert Wegelin
1969-1970	Harold R. Schick	1993-1994	Tony Dean
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. Whitnable	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



Programs for 2007 / 2008

Sept. 10	Blown Film – with Cleveland Polymer Packaging - Tour -- Dinner TBA	Feb. 25	Compounding and Auxiliary Equipment Reduction Eng., Chris Case -- Tangier's lunch
Sept. 17-19	TPE TOPCON -- Hilton Inn	Mar. 24	Vendor's Display Program (suppliers, tooling, etc.) -- Guy's Party Centre
Oct. 22	Materials in Space - NASA -- Hilton Inn	Apr. 28	Weathering of Plastics Atlas Material Testing Technology LLC, William Lucas – Tour ARDL -- TBA
Nov. 26	Extrusion / Blown Film Midwest Polytech -- Barberton Brookside	May 16	Spring Golf Outing -- Barberton Brookside
Dec. 13	Social Outing – with Cleveland -- Pro Football Hall of Fame	May 19	Awards Night -- TBA
Jan. 28	Blow Molding – with Cleveland Steere Enterprises -- Royal Buffet		

Membership Report – August, 2007

Akron had 8 new members join in August. Our membership number is at **375**. See list below for new members. We also had four transfers out of our section and no transfers in.

Membership chair, Reza Sadeghi

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

Alan R. Byers, A. Schulman, Inc (Student)

Stephanie J. Gosset, Lubrizol Corp.

Charles A. Heid, Parker Hannifin Corp.

Patricia Hubbard, PolyOne Corp.

Jongmin Keum, JH Research USA LLC.

Cesar A. Morales, Konica Minolta Company.

Matt Windt, Burton Snowboards.

Zhiyi Yang, University of Akron



TopCon 2007 – September, 2007



**Tom Murdough,
second day luncheon
speaker, with Vivian Malpass**



Poster Session



Exhibits



Minutes of Board Meeting – September 4, 2007

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

Present: Viv Malpass, Bob Wegelin, Dave Schultz, Lloyd Goettler, Todd Lewis Reza Sadeghi and Joe Mattingly

Absent - Gary Taylor, John Woodside, Amruth Puttarudraiah, Joe Pfeiffer, Sadhan Jana, Kaan Gunes, Tony Dean, Josh Wong and Hemant Thakkar

Minutes: Confirmed new format. NOTE new format Officer and Committee Reports.

President: Welcomed new Board for 2007-08. Viv suggests that all Committees attempt to add members to their committees and provide timeline for all Projects for the Committee by October Meeting. Consider Plastics News for Board position- Need to confirm status. Viv- additionally thanked Joe Mattingly for helping to get Sept Newsletter to members. Viv passed out email Intl Activity- Sept Goals. Viv plans to send this week President's letter and Calendar to all members.

Need to firm action---alignment with other groups that do similar work "educate" ie AGPA- Carin Helfer-suggested that Education Committee contact and work along with them. Need to confirm -Hemant Thakkar. Need update on Plastics Projects on website, also proposed internet communication network site for info on projects for K-12 students- Need to confirm-Tony Dean.

Past President: John Woodside - not present. John to review past projects- Company of the Year/ 20/20 Program and determine similarities and set Action for year.

Prior Past President: Lloyd Goettler. Decided to continue working with ACCESS - need to have a Board/ Committee Member attend. NOTE- Do have a very firm tie in with many local schools and also provide funding for scholarships. Hemant to determine action.

President-Elect: Joe Mattingly. Joe believes we still need new people to help Board. Need to outsource communications for long term participation of society in business world and enhance advertising.

Treasurer: Confirmed YTD Balance.

Secretary: No report.

Awards: Amruth Puttarudraiah. Amruth will need nominations for Hall of Honor and Zekan Award by early next year. Viv to forward information for Pinnacle to Joe Mattingly.

2007/2008 Akron SPE Organization: Vivian Malpass - Confirmed Board

(1) House Chairman - Bob Wegelin

(2) Newsletter Editor - David Katz

(3) Membership - Reza Sadeghi

(4) Program will be handled by committee: Joe Mattingly (chairman), Tony Dean, Joe Pfeiffer, John Woodside, Bob Wegelin

(5) Education Committee - Hemant Thakker will continue to chair

(6) Student Section - Todd Lewis

(7) Secretary - Dave Schultz will remain

(8) Treasurer - Gary Taylor will remain

(9) Councilor - Joe Pfeiffer will remain



Minutes of Board Meeting – September 4 (cont.)

Program: Joe Mattingly – There have been changes to the Program as set at the June Meeting.

- A. September 10 - Meeting added. Joint with Cleveland---Polymer Packaging - Blown Film - Massillon, OH - Tour \$5.00, Dinner - on own at specific location
- B. September 17-19, 2007 - TPE TOPCON - Hilton, Akron
- C. October 22, 2007 - Materials in Space - Steve Bauman from NASA- Hilton, Akron
- D. November 26, 2007 - Midwest Polytech (Extrusion /Blown Film) Dinner at Barberton Brookside
- E. December 13, 2007 - Social Outing -- Pro Football Hall of Fame, Joint with Cleveland
- F. January 28, 2008 - Steere Enterprises (Blow Molding), Joint with Cleveland, Dinner Royal Buffet
- G. February 25, 2008 - Reduction Engineering - Compounding and Auxiliary Equipment - Tangiers – Lunch
- H. March 24, 2008 - Vendors Display Program (suppliers, tooling, etc.) at Guy's
- I. April 28, 2008 - Weathering of Plastics-Atlas - Tour ARDL to be confirmed, at Guy's
- J. May 16, 2008 - Spring Golf Outing, Barberton Brookside
- K. May 19, 2008 - Awards Night, considering other dates and different locations

Student Chapter: Todd reports additional outing for Sept. 14-16 Camping- West Branch and Fall Outing for Students /Board Memebers and Members - set for Sept 28 at Gorge Park- Akron Noon til 3:00PM- Plan to have Cookout, with Volleyball and Hiking. Todd plans to Review Chase and Stretch Criteria. Students would like to have available Plant tours. Todd plans to promote Section Plant Tours to student members.

Newsletter: David Katz - Need to have plenty of advance notice for all meetings-information by 22nd of month to create by 28th and send to members 1st week of month. Reviewed that International will provide once per month- blast. PLAN to set Communication Meeting- See New Business.

Membership: Reza Sadeghi - The membership stands at 371 with 6 new members over the summer- Welcome those new members.

Councilor's Report: Joe Pfeiffer – No report.

Education Committee: Hemant Thakker. Need update on Committee. Hemant to review and analyze the previous offering for Education Award- 06-07 year and determine what to submit for 07-08 year. Need to contact Carin Helfer to coordinate school visits.

Education Foundation: Bob Wegelin - Bob had a meeting of Foundation August 4. They discussed additional funding methods and investment strategies. Plan to meet 3 times per year.

Public Interest / Website: Tony Dean

- (1) Section meeting announcements are being placed in the Akron Beacon Journal (Calendar - Business Section and BottomLine – Business Section).
- (2) Section meeting announcements are made in Plastics Engineering magazine.
- (3) The website has been updated.
- (4) New projects are being put on the Plastics Projects Website.

Advertising: No report.

Fall Golf: No report.

Spring Golf: No report.

House: No report.



Minutes of Board Meeting – September 4 (cont.)

ACCESS: Lloyd commented on educational process AGPA, IPEC, etc- ACCESS does not appear to be in an active mode and not working well for SPE-Akron. Need to consider whether we should continue to support due to inactive nature. NOTE- Do have a very firm tie-in with many local schools and also provide funding for scholarships.

20/20 Program: Program tied with Past President to consider new companies.

Polymer Ohio: John Woodside - Tony Dean will also have the program announced on the Akron SPE Website.

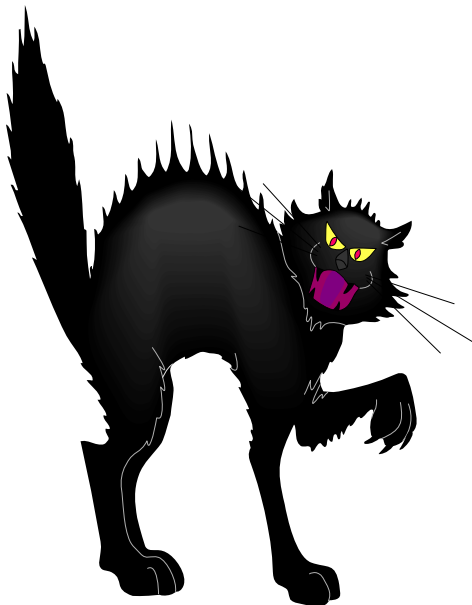
Communications: Joe Mattingly will chair a Sub-Committee in Sept to review needs for Communications including managing e-mail of members, distribution of newsletter and advertising. Sub-Committee to include: Reza Sadeghi, Tony Dean, Joe Pfeiffer, Jenny Digiantonio, Dave Katz and Polysort.

Old Business: No report.

New Business: Bob Wegelin informed Board of the passing of a very active member, leader and innovator- Jim Steiner. Jim was President 1982-83 and developed Education Foundation- Scholarships over the past 20 years and the Hall of Honor plus the Zekan Award. He is presently in the Hall of Honor and a Zekan Award winner. Akron BOD voted unanimously to develop a Scholarship in Jim's name- Bob will develop and create this Scholarship. Board plans to consider individual donations to Scholarship as we have developed those from Business

Intl. has informed of deadlines for two very important AWARDS- Fellow and Honored Service EPSDIV has nominated Dr. Sadhan Jana from Akron Section as a Fellow. Akron Section voted unanimously to nominate Dr. Avraam Isayev as suggested by Kaan Gunes- Student Chapter President 06-07. Cameron Fraser will be contacted to be Process Champion. Dr. Isayev is involved with Injection Molding and polymer rheology. Lloyd Goettler abstained from voting. Lloyd Goettler was nominated by Akron Section Board for Honored Service, Viv Malpass will be Process Champion.

Closing Comments: Adjourned at 6:45 pm. Next meeting is Monday, October 1, 2007 at the Polymer Engineering Center. Room 105.



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Akron Section *Continued*

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

SAVINGS TO MEMBERS

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

WEBSITE LINKS SUBJECT TO CHANGE - CHECK 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

Insertion Order 2007-08

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 2007 – Summer 2008. **Payable in Advance.**
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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!**

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	Hotlink to company website	N/A	\$75 / year

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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.speeurope.org

Applicant Information

Name: first last mi		Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female	
Company Name and Business Address (or College): company/college: job title: address: address: city: state: zip: country:		Birth Date: (mm/dd/yyyy)	
Phone/Fax Format: USA & Canada: (xxx) xxx-xxxx All Others: +xx(xx) x xxx xxxx		Demographics	
Work Phone: Fax:		Job Function (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	
Email: used for society business only		Materials (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	
Home Address: address: city: state: zip: country:		Process (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	
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