

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 52nd Year of Education and Service to the Plastics Industry

Newsletter Contents

Meeting Announcement	1
Meeting Schedule, Cost	1
President's Message	2
Join Our Board	2
Advertiser Index	3
Meeting Location Map	3
Membership Report 03/10	4
New Directions Initiative	5
Snapshots from April meeting	6
Programs for the Year	7
Akron SPE Past Presidents	7
Minutes of 04/05 Board Mtg	8
Polymer Ohio Internships	10
Akron Section Board Members	11
SPE International Contacts	11
Technical Questions on Plastics	11
SPE Educational Foundation	12
Member Benefits Guide	13
Insertion Order form – 2009/10	15
SPE Membership Application	16

Awards Night

Monday, May 10, 2010

5:15 p.m.

Raintree Country Club



4350 Mayfair Road
 Uniontown, Ohio



Costs, Schedules, Reservations

Member	\$30.00
Guest and Member	\$60.00
Retiree	\$25.00
Student	\$20.00

Cash bar	5:15 p.m.
Dinner	6:00 p.m.
Program	following dinner

Contact Mark Holtman on or before
 May 6 - 330/972-6008
 holtman@uakron.edu

Vegetarian dinner can be accommodated -
 let me know when making reservation

Our annual Awards Ceremony is our main Section meeting for May. At this ceremony we will recognize our many deserving scholarship and science fair winners and recognize national SPE awards that have been given to our Section and members.

Please join us for the recognition of all of these worthy individuals. It is a great way to wrap up our year!

Coming Up:

- Next meeting – see you in the fall
- Board meeting – May 3, 2010, 5:30 p.m. Polymer Eng. Center Conference Room



President's Message

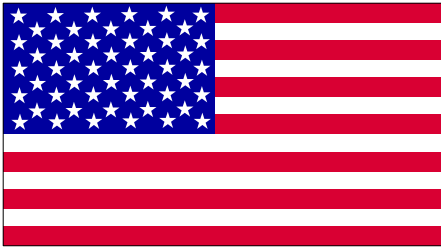
When I think back at the turbulent times of the last 24 months, it has made me realize how important it is for our members to participate in our monthly and annual events. Did you know the Akron Section of SPE is still 319 members strong? I would like to welcome three new members to our section (see Membership Report section).

I hope you participate in our last event this May, Awards Night, and look forward to another education year of programs in 2010/11. We have a board that is very focused on the plastics technology of the future. Many individual members have participated in the leadership of our Section for decades. The experience and guidance of these individuals as mentors of the group is outstanding.

I want to personally thank the entire board for their hard work during the past year and look forward to this year's Awards Banquet on May 10th at Raintree Country Club. This is where all of us can show our appreciation for the hard work of the local leadership.

Please join us in presenting our educational scholarships to some deserving students, as well as recognizing some unsung heroes of our industry.

Sincerely,
David Katz, President



The Akron Section is in need of New Board Members as this year continues. Please consider becoming a Board Member to help support your Section. Contact anyone currently on the board (see page 11) if you are interested.

Thank You!

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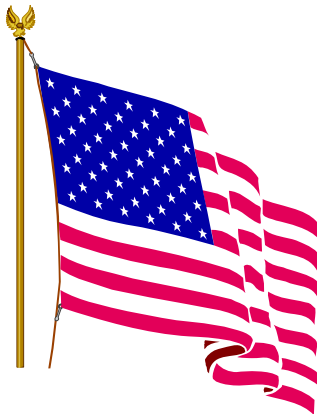
  



Advertiser Index

Akron Polymer Training Center	4
David Industrial Sales (<i>live link ad</i>)	2
Dover Chemical Corp.	4
Polysort	3
Price Fitters (<i>live link ad</i>)	5

Picture your ad here – next season will be here soon!.....

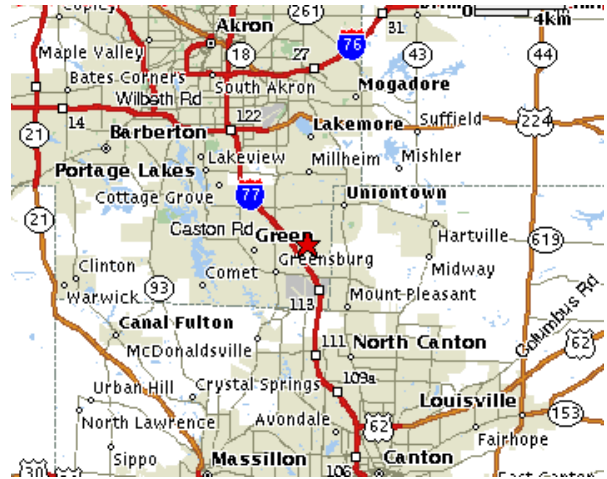


Map to Raintree Country Club

4430 Mayfair Rd., Uniontown

Exit I-77 at Ohio 241 and turn right at foot of ramp. Southbounders go to Graybill Rd. and Northbounders go to Raber Rd. Then go East to Mayfair Rd, turn right and go South. Raintree will be on your left.

You may zoom in



plastic machinery - Google Search - Microsoft Internet Explorer

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Internet



Membership Report

Akron had 3 new members join in March.
Our membership number is at 319.

Membership chair, Reza Sadeghi

New Member - Say "hello and thanks for joining" if you know the following:

Jeffrey Mathys, Emerald Performance Materials
Scott Thlessen, United Initiators, Inc.
Jim Wagner, Akro-Plastic

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Jim Williamson, Eastern Regional Sales Manager
Phone 330-284-0600; Fax 330-365-3987;
email: jim.williamson@doverchem.com

Akron Polymer Training Center



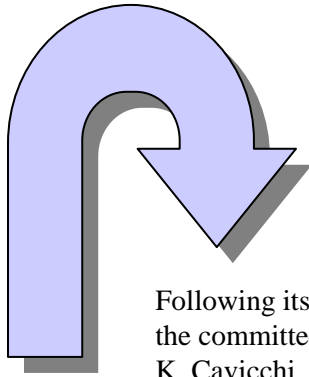
The Akron Polymer Training Center is committed to provide quality training courses for the plastics and rubber industries. Our classes are taught by University of Akron faculty and industry professionals. Visit our website at www2.uakron.edu/aptc for a complete list of our current course offerings.

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.



New Directions Initiative



An initiative has been undertaken to develop a set of new directions for the SPE Akron Section with the objectives of revitalization and operational efficiency. Elements to be addressed include technical program focus, section functioning, member involvements, inter-society interactions, meeting venues and liaisons with our local educational institutions.

Following its authorization by the Board of Directors at their June 2009 meeting, the committee comprising R. Sadeghi, S. Jana, V. Malpass, K. Malpass, K. Cavicchi, M. Holtman and L. Goettler (chair) has met to generate program concepts for the upcoming year around developing technologies of local interest that involve both R&D and commercialization and are of general societal interest. Thrust areas have been identified as energy, biomaterials, medical/health applications of polymers and environmental concerns. Some program subjects being considered are medical plastic applications, e.g. implants, fuel cells, applications of nanofibers, biopolymers, alternate energy sources, water purification e.g. via desalination, photovoltaics, flexible displays, and the general process of technology transfer from lab to marketplace.

Please input your preferences and other ideas to us via the SPE website to insure that our programs are meeting your needs and interests.

Lloyd Goettler

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~~ Snapshots from April Meeting



"President-elect Lloyd Goettler introduces speaker"



"Speaker Alan Robbins (right) answers a question for Lloyd Goettler"



"Speaker Alan Robbins"

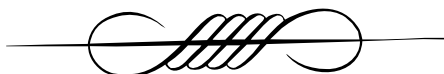
Programs for 2009 / 2010

Sept. 21	New Technology in Polymer Testing Alpha Technologies, H. Pawlowski <i>-- Pizza/Pasta buffet at Alpha</i>	Jan. 18	Water Purification via Reverse Osmosis, Siemens Water, R. Stumm -- <i>Tangier Rest.</i>
Oct. 19	Biopolymers: PLA Property Improvement PolyOne Corp., R. Avakian <i>-- Martin Center</i>	Feb. 15	Recent Developments in Organic Photovoltaics, Polymer Engineering Dept., U of Akron, Prof. A. Karim <i>-- Martin Center</i>
Nov. 16	Recent Medical Applications for Plastics, PolyOne Corp., L. Johnson PMC Smart Solutions, P. Cashen CleveX, Inc., C. Haavista <i>-- Martin Center</i>	Mar. 15	Coal and Coal Gas Fuel Cell Technology, Chemical Engineering Dept., U of Akron, Prof. S. Chuang <i>-- Martin Center</i>
Dec. 14	Holiday Gathering and Presentation Alternative Sources of Electric Power Generation, First Energy Corp., T. McDonnell and D. Plusquellic <i>-- Sheraton Suites, Cuyahoga Falls</i>	Apr. 19	Technology Commercialization, Bright Idea Shops LLC, A. Robbins <i>-- Martin Center</i>
		May 10	Awards Night <i>-- Raintree CC</i>

2009 meetings are joint with Cleveland Section, all on Mondays at 5.30 pm unless otherwise stated.

Akron Section SPE Past Presidents

*51 years of
excellence*



1959-1960	Donald F. Siddall	1984-1985	Anthony F. Dean, Jr.
1960-1961	Milan Krajcik	1985-1986	Gene Buser
1961-1962	Foster J. Young	1986-1987	Harry J. Barth
1962-1963	Dickson L. Stoker, III	1987-1988	Judith A. Fallon
1963-1964	Edward L. Hillier	1988-1989	William E. Tosko
1964-1965	John R. Russell	1989-1990	Robert C. Wegelin
1965-1966	John R. Russell	1990-1991	Geraldine R. Stromquist
1966-1967	Clyde H. Jones	1991-1992	Spencer Kreiser
1967-1968	Alan Corry, Jr.	1992-1993	Robert C. Wegelin
1968-1969	Bernard M. Saffian	1993-1994	Anthony F. Dean, Jr.
1969-1970	Harold R. Schick	1994-1995	Wayne Decamp
1970-1971	Robert G. Hills	1995-1996	Melanie Stewart
1971-1972	John J. Satterfield	1996-1997	Kevin Hershfield
1972-1973	Alexis M. Gross	1997-1998	David Schultz
1973-1974	Francis J. Maurer	1998-1999	John Raab
1974-1975	Leverett A. Anderson, Jr.	1999-2000	Gary Taylor
1975-1976	Robert M. Hershey	2000-2001	Kevin Malpass
1976-1977	Richard L. Fleshman	2001-2002	Kenneth L. Sharp
1977-1978	David Curtis	2002-2003	Joseph E. Pfeiffer
1978-1979	John A. Zelek, Jr.	2003-2004	Robert C. Wegelin
1979-1980	Gerald W. Whitnable	2004-2005	Joseph Mattingly
1980-1981	Kathleen N. Bechter	2005-2006	Lloyd A. Goettler
1981-1982	Victor E. Giuffrida	2006-2007	John Woodside
1982-1983	James Steiner	2007-2008	Vivian Malpass
1983-1984	Robert G. Hills	2008-2009	Joseph Mattingly
		2009-2010	David A. Katz



Minutes of Board Meeting – April 5, 2010

Call to Order: 5:30 PM at University of Akron - PEAC.

Present: Vivian Malpass, Bob Wegelin, Mark Holtman, Kevin Cavicchi, Dave Schultz, Joe Mattingly and Steve Pastor

Absent: Kevin Malpass, Sadhan Jana, Gary Taylor, Lloyd Goettler, Dave Katz, Reza Sadeghi, Chaitanya Pratiwada and Tony Dean

Secretary: David Schultz

- Minutes of March 2010 meeting reviewed and approved.

President: David Katz

- Dave not present - Secretary ran meeting in his place.

- Action items in progress:

- Awards Meeting- high on Priority list

- Viv informed that meeting will actually be set for Vinyl Div to hold RETEC in Akron-2015 not 2013- Akron has interest.

- Ideas for higher visibility i.e., postcard, etc.

President-Elect: Lloyd Goettler

- Lloyd will begin planning program for 2010/2011 year. Lloyd reports he has secured a couple of speakers.

Past President: Joe Mattingly - No report.

Director: Lloyd Goettler - No report.

Treasurer: Gary Taylor - No report.

Councilor: Joe Mattingly

- Joe reports new Virtual Meeting format has gone very well attended 2 online to date. He reports that he would like to attend ANTEC-Orlando. Money in budget.

Hall of Honor: David Katz

- Digital picture frame will be placed on wall in Polymer Science Building in a protective enclosure.

- Dave Katz reported continue to work with Sarah Thoroley at PEAC to obtain a suitable enclosure and lettering.

Polymer Ambassador Program: Vivian Malpass - No report.

Newsletter: Tony Dean

- April newsletter has been published.

- Tony still considering addition of Employment opportunities- those looking for jobs and others who would like to post jobs.

Newsletter Advertising: Tony Dean

- \$1,575 has been sold- portion paid continuing to get new advertisers for the 2009/2010 year.

-Efforts to get new advertisers have failed thus far; still trying.



Minutes of Board Meeting – April 5 (cont.)

Membership: Reza Sadeghi - No report.

Website/Public Interest: Tony Dean

- Tony Dean reported that website has been updated with the latest announcements and photographs.
- April 19 meeting announcement will be in Akron Beacon Journal (Business Section). The announcement also placed on the PolymerOhio website.
- BOD/Tony Dean has now decided to contact International for Guidance re website modification and also determine thoughts on Employment information on site too. Committee consists of Joe Mattingly, Dave Katz and Tony Dean. Students are also being considered to help. Tom Sutter- Student Chapter has supplied Cleve contact. Mark Holtman to check with Univ of Akron- Computer Classes and Summit College.

Program: All BOD

- Program is set for April 19- Commercial Technology- Alan Robbins; May 10-Awards at Raintree.

Student Chapter: Chaitanya Pratiwada

- ANTEC- Orlando 7 students plan to attend- in process of securing funding- Intl, Uof A, Polymer Engineering and SPE-Akron Section need to provide support information.
- Interest in helping new Akron Middle School- Inventure Place location.

Education Committee: Kevin Cavicchi

- Kevin has forwarded Essays from First place winner to Intl for judging and will provide copies of First and Second place to be published in Newsletter.
- In addition Kevin will invite Students and Teachers to Awards Night along with a parent.
- Kevin to obtain and review Scholarships applications and along with Bob Wegelin set up judging for Scholarships for Awards Night.

Education Foundation: Bob Wegelin

- Bob reports that meeting took place in March 24- ML Office- Akron with Education Foundation.
- Bob reports Scholarships will soon be reviewed for school year 2010/2011 with small sub committee headed by Kevin Cavvichi.

House: Mark Holtman

- Mark reported that twelve people are signed up April 19 Meeting.
- Mark reports all set for next meeting - Awards at Raintree.

TPE TOPCON: Viv Malpass

- Advanced Program has been completed and mailed, plan to have 28-31 Papers.
- E-mail blast sent to many Sections local to Akron.
- Vivian and Technical Program Committee in process of obtaining Keynote Speakers.
- Considering Nike for Industry oriented- Tuesday and NASA for General interest- Wed. Lunch
- TOPCON Committee will meet on April 14.



Minutes of Board Meeting – April 5 (cont.)

Awards Night

- We reviewed ACTION items for Awards Meeting- May at Raintree.
- David Katz- President- To preside- confirm availability.
- Kevin Cavvichi- plans to create brochure and will host Award Night.
- Awards to be presented Hall of Honor, Students and Section.
- Hall of Honor- Need nominees- place request in Newsletter.
- Students- Scholarships, Essay.
- Section- Pinnacle.
- Speaker- Kevin to make contact with local motivational, success oriented topic.
- Student- College-Senior to be asked to speak to Students- Kevin to handle.
- Bob Wegelin, Viv Malpass and/or Kevin Malpass to make contact with all Special Award companies to confirm presenters- i.e., Goodyear and Rubbermaid, possibly Omnova.
- No awards scheduled for- Fellow, Honored Service or Zekan.

Old Business: D&O Insurance for Akron SPE Section - Lloyd Goettler to re-address along with Plastic Pioneers information supplied by Viv Malpass.

New Business: None.

Closing Comments: Meeting was adjourned at 6:25 p.m. The next meeting of the Akron SPE Board of Directors will be Monday, May 3, 2010 at the Akron Univ. Polymer Engineering Center starting at 5:30 p.m.

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 Section Board of Directors

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Lloyd Goettler <i>Retired</i> – Director, Section Renewal	330-666-5180 T goet30@aol.com
Steve Pastor <i>The Technology House, Ltd.</i> Director	440-248-3025 x120 T 440-248-3882 F steve@tth.com
Jenny Digiantonio <i>ExxonMobil Chemical</i> Newsletter	330-849-5166 T 330-849-5599 F jenny.digiantonio@exxonmobil.com

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Tom Conklin Sr. Manager, Marketing	tconklin 740-5453

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.



Akron Section Society of Plastics Engineers Educational Foundation



1-10

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, 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 210 young men and women totaling in excess of \$275,000 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 five named scholarships, *Newell/Rubbermaid*, *Goodyear*, *Omnova*, *Ken Sharp Memorial* and *Jim Steiner Memorial* scholarships. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please print this page, fill out the information and mail it to Bob Wegelin, 13206 Kaufman Ave. NW Hartville, OH 44632.

Akron SPE Scholarship Donation Commitment

\$30,000 lump sum. _____

\$10,000/yr. next 3yrs.

\$5,000/yr. next 6 yrs.

Other: _____

Company name: _____

Contact person: _____

Ph. # or email: _____

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 is 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 with any questions. Thank you for your consideration.

Sincerely,

Bob Wegelin, Chairman

Akron Section Society of Plastics Engineers, Educational Foundation



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
Tony Dean, Advertising Manager
330-929-9916

Insertion Order 2009-10

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.

This is the 51st year of the Akron SPE Section and rates are for entire season, September 2009 – Summer 2010. **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 francis@neo.rr.com

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

(please X)	Ad Size	Dimensions	Price for year
	Business Card	One column by 2" high	\$200
	Double	One column, 2 to 4" high	\$300
	Triple	One column, 4 to 6" high	\$400
	Half Page	One column, 10" high	\$500
	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

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Akron Section SPE
c/o Tony Dean
Akron SPE
P.O. 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.speeurope.org

Applicant Information

Name:		Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female	
first	last	mi	
Company Name and Business Address (or College):			
company/college:			
job title:			
address:			
address:			
city:		state:	
zip:		country:	
Phone/Fax Format: USA & Canada: (xxx) xxx-xxxx All Others: +xx(xx) x xxx xxxx			
Work Phone:		Fax:	
Email: <i>used for society business only</i>			
Home Address:			
address:			
city:		state:	
zip:		country:	
Home Phone:			
(✓) Preferred Mailing Address: <input type="checkbox"/> Home <input type="checkbox"/> Business			
Demographics			
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	
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
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		
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			
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Payment Information

New Member 1 Year	New Member 2 Years *	Student Member	<input type="checkbox"/> US (\$140.00) <input type="checkbox"/> US (\$253.00) <input type="checkbox"/> US (\$30.00) <input type="checkbox"/> Euro** (€124.00) <input type="checkbox"/> Euro** (€224.00) <input type="checkbox"/> Euro** (€23.00)	Students must supply graduation date: _____											
My Primary Division is (choose from below) _____				Membership Amount _____											
Additional Divisions are available for a fee. Check below to select Additional Divisions.				Primary Division FREE											
<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)			Additional Division(s) costs for each Additional Division												
<input type="checkbox"/> CHECK <input type="checkbox"/> VISA <input type="checkbox"/> AMEX <input type="checkbox"/> MASTERCARD			<table border="0"> <tr> <td></td> <td>1yr.</td> <td>2 yrs.</td> <td></td> </tr> <tr> <td>US</td> <td>\$10.00</td> <td>\$20.00</td> <td></td> </tr> <tr> <td>Euros</td> <td>€8.00</td> <td>€15.00</td> <td>_____</td> </tr> </table>		1yr.	2 yrs.		US	\$10.00	\$20.00		Euros	€8.00	€15.00	_____
	1yr.	2 yrs.													
US	\$10.00	\$20.00													
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PAYMENT MUST ACCOMPANY APPLICATION
No Purchase Orders Accepted

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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SPE membership is valid for twelve months from the month your application is processed.
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