

# Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers  
*Our 50<sup>th</sup> Year of Education and Service to the Plastics Industry*

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## Costs, Schedules, Reservations

Member	\$30.00
Member and Guest	\$55.00
Retiree	\$25.00
Student	\$20.00

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

Contact Bob Wegelin on or before  
May 15 - 330/414-1498  
robert.wegelin@sbcglobal.net

Awards Night

Monday, May 18, 2009  
5:30 p.m.

Raintree Country Club



4430 Mayfair Road  
Uniontown, Ohio



Please join us as we enjoy dinner and recognize deserving students with scholarships and fellow members with various honors.

The evening will begin with a social at 5:30 p.m., and dinner will follow at 6:15 p.m. Dr. Cheng will provide a presentation. More information on the location is available at our website -- <http://www.akronspe.org>.

### Scholarships to be Awarded:

*Ken Sharp Memorial*  
*Goodyear*  
*Rubbermaid*  
*Jim Steiner Memorial*

See page 3 for  
Dr. Cheng's biography

**Coming Up:**

- Next meeting – See you in the fall
- Board meeting – May 4

May 2009, Page 1



# President's Message

Hello Everyone,

Our Akron Section has been providing scholarships to students interested in engineering and plastics for many years. This year is no different as we look forward to our Annual Awards Banquet at the Raintree Country Club in Green. Dr. Steven Cheng, Dean of the College of Polymer Science and Polymer Engineering from the University of Akron, will be our guest speaker. I look forward to meeting and presenting scholarships to the deserving recipients.

Thank you to all the members who participated in our 50th Anniversary Gala Event in April. It has been an exciting year and all of us are grateful for our member's support by attending our monthly events. I wanted to thank all of the past presidents who were able to attend and Gail Bristol, our guest speaker from National. Special thanks to Viv Malpass, 50th Anniversary Gala Chairman, and board members for their many hours of dedication to make this event a success. If you missed the event, we will be posting pictures soon on our website.

Please feel free to contact me with your suggestions and feedback. I am looking forward to seeing more new faces at our schedule of events throughout the rest of this year.

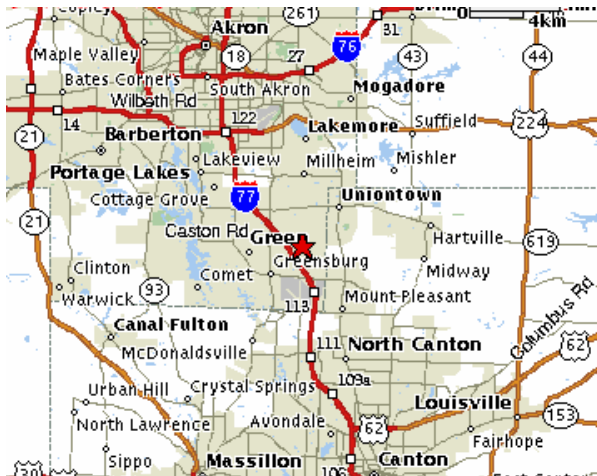
*Sincerely,*  
Joe Mattingly, President

## 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*



### Polymer Analysis Services

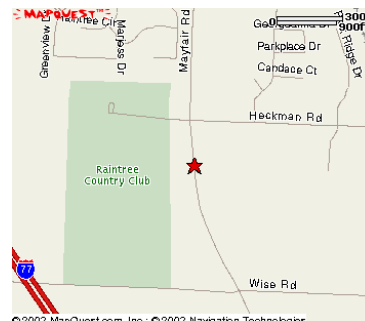


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*Map  
detail*



## Biography of Speaker

Stephen Z. D. Cheng was born in Shanghai, China. He came to the United States and became a graduate student at Rensselaer Polytechnic Institute in 1981, which led to the awarding of his Ph.D degree in Polymer Chemistry in May 1985. The next two years were spent as a postdoctoral research associate at Rensselaer Polytechnic Institute.

In October 1987 Dr. Cheng joined The University of Akron as an assistant professor of polymer science, followed by promotions to associate professor with tenure in 1991, professor of polymer science in 1995, Trustees Professor of Polymer Science in September 1998, and Robert C. Musson Professor of Polymer Science in 2001. Between 2001 and 2005 he served as Chairman of The Department of Polymer Science, and he was appointed Dean of the College of Polymer Science and Polymer Engineering to begin August 1, 2007.

Dr. Cheng has also been appointed to a number of honorary, visiting, and guest professors in China, Japan, France, Belgium, and the United States. His research interests are in the field of soft matter materials, specifically in nano- and micro-length scales. These include phase transition thermodynamics, kinetics, molecular motion and relaxation processes in nano-environments, crystal structure and morphology, liquid crystals and liquid crystalline polymers, surface and interface structures of polymer brushes, high-performance polymer fibers, films for micro-electronic and optical applications and high-temperature composites, computer simulation of macromolecular dynamics and transitions.

Dr. Cheng's research group now has 15 Ph.D students and 6 postdoctoral fellows. He has been the major professor of 17 M.S. and 60 Ph.D. students who have been awarded their degrees. Since 1986, he has published over 360 academic articles in research journals, book chapters and one book; and given more than 700 lectures and presentations at universities, industrial research and development centers, national laboratories, and professional conferences in the United States and abroad.

He was selected to receive The Presidential Young Investigator Award by the White House and the National Science Foundation in 1991 in recognition of ability and potential for contributing to the future vitality of the scientific and engineering effort of the nation. He also received the Certificate of Appreciation from the University of Akron, Board of Trustees for his outstanding achievement (1992 and 1994), The American Chemical Society Akron Section Award (1994), The John H. Dillon Medal from the Division of Polymer Physics of the American Physical Society (1995), The Mettler-Toledo Award from The North American Thermal Analysis Society (1999), The Cheung-Kong Scholar, Education Ministry of China (2000), The TA-Instrument Award from The International Confederation for Thermal Analysis and Calorimetry (2004), and The Cooperative Research Award from the Division of Polymer Materials Science and Engineering, American Chemical Society (2005). He was elected as a member of the National Academy of Engineering (NAE), US in 2008.

He is a member of The American Association for the Advancement of Science (elected Society Fellow 2006), The American Physical Society (elected Society Fellow 1994), The American Chemical Society, The Material Research Society, The Society of Plastic Engineers, Society for the Advancement of Material and Process Engineering, The International Confederation for Thermal Analysis and International Liquid Crystal Society, and The North American Thermal Analysis Society (elected Society Fellow 1992).

Dr. Cheng has served as the America Editor of *Polymer* since 1999 and the Senior Editor since 2002, and as the Associate Editor In-Chief of *Chinese Journal of Polymer Science*. He has also served the members of editorial and advisory boards of more than ten international journals.



## 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  
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*Advanced materials  
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*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 [rmarkham@polymerohio.org](mailto:rmarkham@polymerohio.org).



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## The Akron Polymer Training Center Congratulates The Akron Section of SPE!



**Thank you for providing outstanding service to the plastics industry  
for 50 years. We wish you continued success!**

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](http://www2.uakron.edu/aptc) for a complete list of our current course offerings.

### Customized Development and Delivery

The Akron Polymer Training Center also specializes in customized training developed specifically for your employees. Depending on your company's particular needs, our courses can be taught on site at your location, or at our state-of-the-art facility on the campus of The University of Akron. Our programs are designed to enhance on-the-job effectiveness for all professionals working in the polymer field. If you are experiencing difficulty with polymer-related design or processing problems, contact us. Our reliable and dedicated staff will work with your team to develop a training strategy guaranteed to produce results. Contact Tayba Tahir by phone at **330.972.8661** or email Tayba at [tahir@uakron.edu](mailto:tahir@uakron.edu). If you don't see what you need, no problem! We have the resources to solve even the most vexing polymer processing and design issues.



## Programs for 2008 / 2009

Sept. 22	<b>From Crude Oil to Polymers</b> ExxonMobil Chemical, S.J. Holmes <i>-- Tangier</i>	Jan. 26	<b>Ferriot – A Progressive Injection Molder</b> , Ferriot Inc., Tour, Gordon Corky Keeler <i>-- Guy's Party Centre</i>
Oct. 27	<b>A Schulman—A Global Company</b> A Schulman Technical Center, Tour, Joe Ocampo <i>-- Royal Buffet</i>	Feb. 23	<b>Moldmaking for Today and Tomorrow</b> , Fremont Plastic Molds, Daryle Damschroder <i>-- Martin Center</i>
Nov. 24	<b>Polymers at the University of Akron—Past, Present and Future</b> , Frank Kelley, Miko Cakmak, Sue Louscher, Sadhan Jana <i>-- Martin Center</i>	Mar. 23	<b>Lockheed Martin takes Akron to New Heights</b> , Lockheed Martin, Tour, Clark Reed <i>-- Guy's Party Centre</i>
Dec. 15	<b>Holiday Social</b> <i>-- Tangier</i>	Apr. 29	<b>50<sup>th</sup> Anniversary Gala Night</b> <i>-- Firestone CC</i>
		May 18	<b>Awards Night</b> <i>-- Raintree CC</i>

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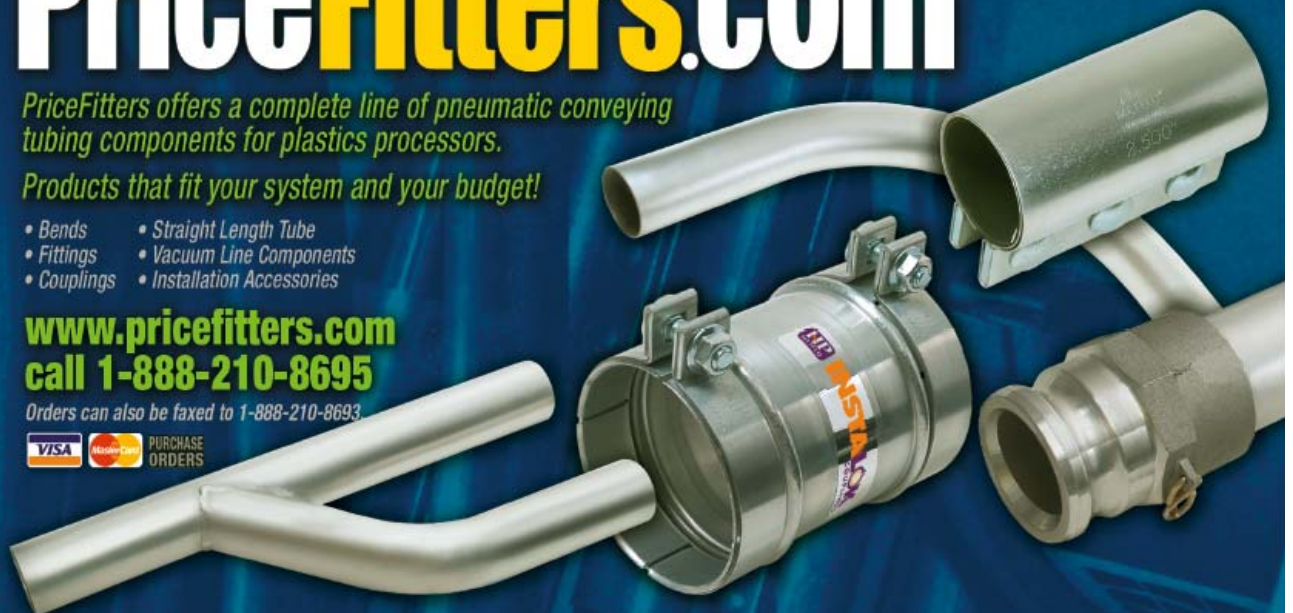
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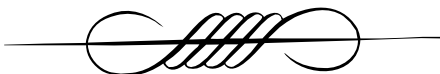
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1960-1961	Milan Krajcik	1984-1985	Anthony F. Dean, Jr.
1961-1962	Foster J. Young	1985-1986	Gene Buser
1962-1963	Dickson L. Stoker, III	1986-1987	Harry J. Barth
1963-1964	Edward L. Hillier	1987-1988	Judith A. Fallon
1964-1965	John R. Russell	1988-1989	William E. Tosko
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 Kreiser
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
		2007-2008	Viv Malpass

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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.*



# Minutes of Board Meeting – April 6, 2009

**Call to Order:** 5:30 PM. at SteerAmerica, Inc.

**Present:** Joe Mattingly, Lloyd Goettler, Bob Wegelin, Vivian Malpass, Joe Pfeiffer, David Katz, Mike Gintert, Alexi Melnikov

Absent – Not noted

The following items were discussed during this meeting.

1. Minutes were approved with no amendments from March.
2. Vivian M. and Joe M. gave an update on the Gala event scheduled for April 29th at the Firestone Country Club. Attendance is near 50 to date and hopefully a number above 75 will show up for the event. Sponsors are University of Akron Polymer Engineering Department and SteerAmerica. Reminder from Joe to other board members, bring all awards for presenting during the event if you have any of them at home or in your possession.
3. The financial report was distributed by Joe Mattingly. The report was accepted by the board.
4. Program committee. A discussion was held about joining with Cleveland to do programs for 2009-2010. It was decided that the program committee will discuss the possibilities with Gary Casterline. We need a call on who will be on the program committee for next year.
5. Topcon has been rescheduled until September of 2010. The next meeting has not been scheduled yet but should be in the September 2009 timeframe.
6. Next program after the Gala event is the awards which will be on May 18th at Raintree. Mike G. and Bob W. will be coordinating the awards and the event. Speaker is lined up and the program is drafted.
7. David Katz, no update from newsletter. The advertising has dropped off almost completely in the newsletter which is a concern for funds. Dave has what he needs for the next issue.
8. Membership, current number is around 360. Akron section is showing the same trend as national membership, a slight yearly decline.
9. Hall of Honor potential was discussed by Bob Wegelin. The potential receiver would be posthumous and after a summary was given on the background by Bob W. and Joe P., it was agreed that this person is worthy of the award and will receive it during the awards ceremony. The board voted unanimously agreed to put this person in the Hall of Honor. Bob W. will handles the induction and award details.
10. Tony Dean was not present to discuss website updates. There was some discussion that some changes are needed to the home page to update it and make it more user -friendly.





## Minutes of Board Meeting – April 6 (cont.)

11. A general discussion was held on the purchase of a small hard drive to copy electronic files on the information that SPE Akron is responsible for. This hard drive would be kept up by the current president and then passed on to the next one. Joe Mattingly and David Katz will look into this more and bring a proposal back for May.

12. Alexi M. gave the update on the Student Chapter. Awareness day in June is scheduled. Need volunteers. Joe Mattingly, Lloyd Goettler and Joe Pfeiffer volunteered to help Dr. Jana with this event. Career day is scheduled for April 20-22 for students. A request was made for Antec travel funds. It was requested that the student chapter president get more details on how many students are going and how many papers will be presented.

13. Foundation committee. Bob Wegelin gave update. Since the fund balance is down due to stock market trends, award will be limited this year. Mike G. asked for volunteers to review scholarships. Bob W., Joe P., David K. and Joe M. volunteered. Mike will send an email on details for timing and location for this review.

14. It was decided that Lloyd Goettler will receive the Zekan award this year. Board approved the nomination from Vivian Malpass.

15. Meeting was adjourned and next meeting is scheduled for May 4.

Joe Pfeiffer, minutes taker



**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!**

# Membership Report

Akron had 2 new members join in March. Our membership number is at 346.

We had 0 transfers in and 1 out of our section.

*Membership chair, Reza Sadeghi*

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

**Jason Randall, student at the University of Akron**

**Lin Song, student at the University of Akron**

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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](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**

David Katz, Advertising Manager

330-310-0156

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**Insertion Order 2008-09**

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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.

This is the 50<sup>th</sup> Anniversary of the Akron SPE Section and rates are for entire season, September 2008 – Summer 2009. **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!**

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# 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

**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:** *used for society business only*

**Home Address:**  
address:  
city: state:  
zip: country:

**Home Phone:**

Preferred Mailing Address:  Home  Business

**Gender:**  Male  Female

**Birth Date:** (mm/dd/yyyy)

**Demographics**

**Job Function** (choose only one)

Consulting  Purchasing  
 Design  Quality Control  
 Education (Faculty)  R & D  
 Engineer  Retired  
 General Management  Self-Employed  
 Manufacturing  Student  
 Marketing/Sales  Tech Support  
 Other

**Materials** (choose all that apply)

Composites  Polyolefins  
 Film  Polystyrene  
 General Interest  TPEs  
 Nylon  Thermoset  
 PET  Vinyls  
 Foam/Thermoplastics  No Interest

**Process** (choose all that apply)

Blow Molding  Injection Molding  
 Compression  Mold Making  
 Compounding  Product Design  
 Engineering Properties  Rotational Molding  
 Extrusion  Thermoforming  
 Fabrication  General Interest  
 Foam  No Interest

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 SPE membership is valid for twelve months from the month your application is processed.  
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By signing below I agree to be governed by the Constitution and Bylaws of the Society and to promote the objectives of the Society. I certify that the statements made in the application are correct and I authorize SPE and its affiliates to use my phone, fax, address and email to contact me.

signature \_\_\_\_\_ date \_\_\_\_\_

recommended by member (optional) \_\_\_\_\_ Id # \_\_\_\_\_

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