

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 51st Year of Education and Service to the Plastics Industry

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Costs, Schedules, Reservations

Member	\$30.00
Guest and Member	\$60.00
Retiree	\$25.00
Student	\$15.00

Cash bar	5:15 p.m.
Performance by Singers	6:00 p.m.
Dinner	6:30 p.m.
Program	following dinner

Contact Mark Holtman on or before
Dec. 11 - 330/972-6008
holtman@uakron.edu

Coming Up:

- Next meeting – Jan. 18
- Board meeting – Dec. 7, 2009,
5:30 p.m. Polymer Eng. Center
Conference Room

Holiday Social / Technical Meeting

Monday, December 14, 2009

5:15 p.m.



1989 Front Street

Cuyahoga Falls, Ohio 44221

(330) 929-3000

"Alternative Sources of Electric Power Generation"

By First Energy Corp.
T. McDonnell and D. Plusquellic



The focus of the presentation will be on Ohio Senate Bill 221:
- Alternative Energy requirements and benchmarks
- Definition of Alternative Energy, Advanced Energy, Renewable Energy, including what are qualified resources
- High level comparison of the qualified resources in each category
- Discussion of some of the FES activities and projects to meet the benchmarks

The evening's festivities will include the **Madrigal Singers from Firestone High School** (see page 2).

See page 3 for
speaker biographies





ABOUT THE ENSEMBLE:

The Madrigal Singers are one of six choirs from Firestone High School, a part of the Akron Public School system. This ensemble consists of 18 advanced singers who excel in sight-reading, vocal technique, interpretation, musicianship, character and academic achievement. Their repertoire is performed a cappella without assistance of a conductor. These hard-working students meet daily at 7:30 a.m. for a concentrated 30 minute rehearsal prior to the school day. They have represented Akron at the local, state and national level and are fine ambassadors of the Akron Public Schools.



ABOUT THEIR DIRECTOR:

Sally Schneider has taught in the Akron Public Schools for 21 years. Her choirs consistently receive superior ratings at state competitions and have been invited to perform at professional music conventions at the state and national level. Schneider received her B. M. Ed. at Mount Union College in Alliance, Ohio and her M. M. Ed. at the University of Akron in Akron, Ohio.



Biographies of Speakers

Thomas J. McDonnell

Tom graduated from the University of Dayton with a B.S. in Accounting. He obtained his MBA with a concentration in Management and Finance from the University of Akron. Tom started his career at FirstEnergy (then Ohio Edison) in 1987 as an Accountant in the Controller's Department. After 1 year in accounting he transferred into the Insurance Risk Management Department where he held several analyst and consultant positions until he was promoted to Manager, Corporate Insurance Risk in 2008. He current responsibilities include corporate insurance procurement, surety bond procurement, contractual risk transfer, property loss prevention and claims management.

Dave Plusquellic

Dave graduated from Kent State University in 1997 with a B.S. in Finance. He obtained an MBA with a concentration in Finance from the University of Akron in 2000. Dave started with FirstEnergy in 1999 as an analyst in the Business Development department. After several analyst roles, Dave was promoted in 2005 to Manager of Business Services at FirstEnergy's two flagship coal generation facilities - the Bruce Mansfield and W.H. Sammis plants. For the last 18 months, Dave has managed the renewable portfolio for FirstEnergy Solutions.

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

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.



Map to Sheraton Suites 1989 Front Street Cuyahoga Falls, Ohio

From Downtown Cleveland And Areas West

Take I-77 South to I-80 (Ohio Turnpike)
Exit at #180 onto OH-8 South
Exit at Broad Blvd.
Turn right on Broad Blvd.
Turn left on Front St.

From East Side Of Cleveland

Take I-271 South to OH-8 South
Exit at Broad Blvd.
Turn right on Broad Blvd.
Turn left on Front St

From Youngstown, Kent And Areas East

Take I-76 West to OH-8 North
Exit at Broad Blvd.
Turn left on Broad Blvd.
Make a left on Front St.

From Canton And Southeast Points

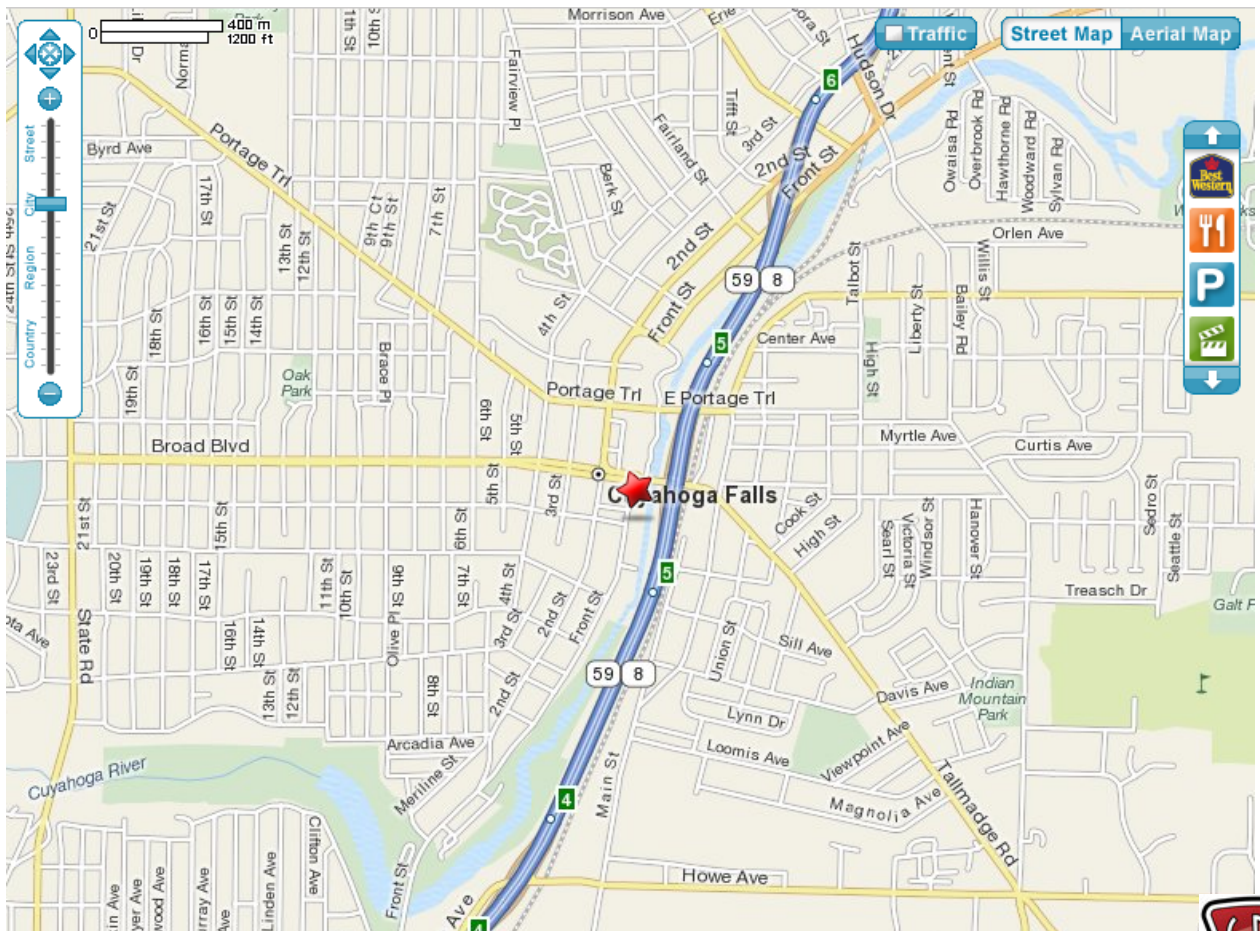
Take I-77 North to OH-8 North
Exit at Broad Blvd.
Turn left on Broad Blvd.
Turn left on Front St.

From Pittsburgh

Take I-80 (Ohio Turnpike) West to OH-76 West
Take OH-8 North
Exit Broad Blvd.
Turn left on Broad Blvd.
Make a left onto Front St.

From Columbus

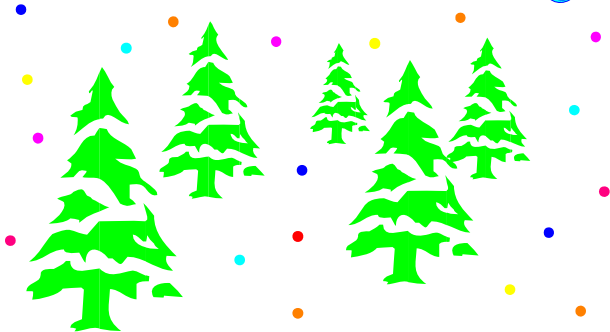
Take I-71 North to Exit 209
Follow I-76 East to OH-8 North
Exit at Broad Blvd.
Turn left on Broad Blvd.
Turn left on Front St.



You may zoom in



Season's Greetings



Akron Polymer Training Center



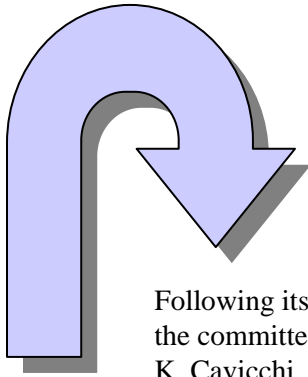
The Akron Polymer Training Center is committed to provide quality training courses for the plastics and rubber industries. Our classes are taught by University of Akron faculty and industry professionals. Visit our website at www2.uakron.edu/aptc for a complete list of our current course offerings.

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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Advertiser Index

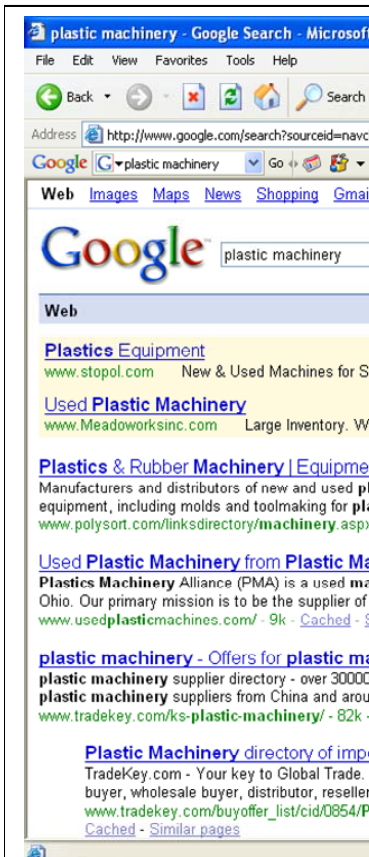
Akron Polymer Training Center	5
David Industrial Sales (<i>live link ad</i>)	7
Dover Chemical Corp.	3
Polysort	7
Price Fitters (<i>live link ad</i>)	6
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The Akron Section is in need of New Board Members as this year continues. Please consider becoming a Board Member to help support your Section. Contact anyone currently on the board (see page 13) if you are interested.

Thank You!



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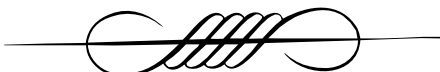
Programs for 2009 / 2010

Sept. 21	New Technology in Polymer Testing Alpha Technologies, H. Pawlowski <i>-- Pizza/Pasta buffet at Alpha</i>	Jan. 18	Water Desalination and Purification Using Polymer Membranes, Speaker TBA <i>-- Martin Center</i>
Oct. 19	Biopolymers: PLA Property Improvement PolyOne Corp., R. Avakian <i>-- Martin Center</i>	Feb. 15	Recent Developments in 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	Role of Polymers in 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





SOCIETY OF PLASTICS ENGINEERS

Call for Papers

9th Thermoplastic Elastomers Topical Conference® 2010
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The TPE SIG and the Akron Section of SPE invite the submission of papers for presentation at the 9th TPE TopCon 2010.

Please submit paper title, abstract, author/presenter name and affiliation to:

Tim Buckley
Ticona Corp.
7571 Mannheim Ct
Hudson, OH 44236
Tel: +1 330-631-7478
Fax: +1 330-655-2735
Email: tim.buckley@ticona.com

Abstract Deadline: January 31, 2010
Completed Paper Deadline: June 1, 2010

Minutes of Board Meeting – November 2, 2009

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

Present: Dave Schultz, Vivian Malpass, Dave Katz, Gary Taylor, Bob Wegelin and Reza Sadeghi

Absent: Tony Dean, Joe Mattingly, Lloyd Goettler, Sadhan Jana, Kevin Cavicchi, Mark Holtman and Kevin Malpass

Mark Holtman - Thank you for the help with Parking Passes, need to be available by e-mail and at back door for remainder of SPE year.

BOD still need to carry out e-mail vote:

1-Add Steve Pastor to BOD as an At-Large Board Member.

2-Monies for IPEC-Polymer Ambassadors for year 2009/10 from Akron Section.

Secretary: David Schultz. Minutes - approved Oct 5 Meeting.

President: David Katz

- David wants to remind Board of ACCESS Awards Banquet set for Nov 5 at Guys. He and David Schultz plan to attend for Akron Section.

- David reports he continues to work on Pinnacle Award as he has template for 2008/09 year. Note to include: 50 Year Anniversary and New Direction.

President-Elect: Need candidate for 2010.

Past President: Joe Mattingly - No report.

Director: Lloyd Goettler - No report.

Treasurer: Gary Taylor

- Gary has requested that all Chairs review Budget set for 2009/10 year.

- Gary brought details of past years for Board Review and informed that we will need to review expenses very carefully as we move to 2010, *i.e.*, no SPE Intl Rebate and postponed TPE TOPCON being major reasons.

- Decided that Dec 09 Meeting will carefully scrutinize monthly expenses and determine what Actions will need to be taken to reduce those expenses.

Councilor: Joe Mattingly - Joe attended online the Council Meeting of Oct 24-Report to follow.

Hall of Honor: Dave Katz - Continues to work with Sarah Thoroley at PEAC on placement of Digital Picture frame in a protective enclosure and lettering- need to confirm.

Newsletter: Tony Dean - Need articles for Dec. issue. Still requesting New Board Members as we move in the NEW DIRECTION.

Newsletter Advertising: Tony Dean - Tony reports he has recently received monies for advertising as requested - quite slow on return for 2009/10 year.

Membership: Reza Sadeghi - Reza reports Oct 311 with 7 new members.



Minutes of Board Meeting – November 2 (cont.)

Website/Public Interest: Tony Dean

- Tony Dean reported that website is updated.
- Tony /Joe have met and discussed in detail the need for rebuilding of SPE with help from Polymer Engineering- have identified a candidate- student to help rebuild. Tony Dean reports still awaiting contact to start work.
- Tony Dean will take an inventory of the files- Confirm complete.

Program: Viv Malpass and Lloyd Goettler

- Viv reports Cleveland Section will attend and advertise all of the Akron Section Meetings for year 2009/10.
- Viv re-reviewed the year as set by New Directions Committee-noted below are 2009.
 - Oct.19 - BioPolymers- Sustainable Alternatives to Oil-based Polymers - Martin Center- Meeting well attended, very interesting and very well developed topic by Roger Avvakian.
 - Nov 16 - Recent Developments in Medical Applications- set with 2 Speakers possible 3 at Martin Center.
 - Dec 14 - Christmas Social- Comparison of Alternative Sources of Electrical Power Generation- Sheraton Suites.
- Planning ongoing Plan A and B under review Jan- Polymeric Membranes as used in Water Treatment systems.

Student Chapter: Chaitanya Pratiwada

- New PESO President and VP have class Monday-No report.
- Joe Mattingly to forward pdf format information for U of A- PESO website.

Education Committee: Kevin Cavicchi

- Kevin to get in contact with ACCESS re HS Educational activities for help re local Science Fairs and Essay contest with Intl.

Education Foundation: Bob Wegelin

- Bob reported recent activity with Foundation, modification of current portfolio which will yield higher returns based on Advisor review.

House: Mark Holtman

- BOD confirmed for Mark set for meeting locations until Jan. including and Nov at Martin Center and finalizing details for Dec -X-Mas Social at Sheraton Suites.
- Mark to review meal selections and details on beverages for future meetings.

TPE TOPCON: Viv Malpass

- Viv reports that new date is set and confirmed for Sept 13-15 ,2010 - Rebound with TPE- New SIG Chair- Tom Bell, plus new Tech Program Chair- Tim Buckley- Ticona
- Suggested to request seed funding from SIG in Nov as meeting set for Dec.
- Target 35 Papers and Posters -Univ. of Akron- 5-7 and Case Western-3-5.

Old Business: D&O Insurance for Akron SPE Section

Lloyd Goettler in process of review of other D and O suppliers with new criteria.



Minutes of Board Meeting – November 2 (cont.)

New Business:

1. IPEC - Viv Malpass

- Viv reviewed once again request for funding from Akron Section for Polymer Ambassadors, and urged vote of BOD. He further clarified that money goes to IPEC- a 501 C3 classified parent organization for Polymer Ambassadors. There continues to be a dire need of additional funds in order to continue their work as Teachers promoting polymers to K-12 students.

- BOD has now reviewed the Budget as prepared by Gary Taylor and will carry on an online voted directed by David Katz.

2. Need to determine other ways to make money for Akron Section.

3. Plan to forward letter to Section members re assistance in funding Awards Meeting set for May 2010- Secretary to provide template form 50th Anniversary Meeting.

4. Current BOD

President - David Katz

Secretary - David Schultz

President Elect – TBD

Web - Tony Dean

Past President - Joe Mattingly

Education Foundation - Bob Wegelin

Councilor - Joe Mattingly

Education - Kevin Cavicchi (L. Goettler mentor)

Treasurer - Gary Taylor

House - Mark Holtman (B. Wegelin mentor)

Student Chapter - Dr. Sadhan Jana - President - Chaitanya Pratiwada

Closing Comments: Meeting was adjourned at 6:20 PM. The next meeting of the Akron SPE Board of Directions is Dec 7- PEAC at Univ of Akron - 5:30 PM.

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 rmarkham@polymerohio.org.



Akron Section Board of Directors

David Katz President	330-310-0156 T katzjeep@yahoo.com
Dave Schultz <i>Harwick Standard Dist. Corp.</i> Secretary	330-798-6535 T 330-798-9328 F schultzd@harwickstandard.com
Gary Taylor <i>Myers-Wadsworth</i> Treasurer	330-336-6621 T 330-334-7100 F gtaylor@po.akro-mils.com
Joe Mattingly Past-President, Councilor, Akron SPE Website Renewal	330-962 5299 T jsmatting@aol.com
Vivian Malpass <i>Tek-Mark International</i> Prior Past-President, Conf., TOPCON 2010	330-342-1120 T 330-342-1134 F vivian.malpass@tek-mark.com
Chaitanya Pratiwada <i>Student - U Akron Polymer Engineering</i> Student Chapter President	330-780-6415 T 330-258-2339 F chaitanya.pv@gmail.com
Bob Wegelin <i>Retired</i> Director, Education Foundation	330-414-1498 T robert.wegelin@sbcglobal.net
Kevin Malpass <i>Diebold, Inc.</i> Director	330-490-4743 T 330-490-4788 F kevin.malpass@diebold.com
Sadhan Jana <i>U Akron Polymer Engineering</i> Director, Student Chapter Advisor	330-972-8293 T 330-258-2339 F janas@uakron.edu
Tony Dean <i>Retired</i> – Director, Public Interest, Website Manager, Newsletter Editor, Newsletter Advertising	330-929-9916 T francis@neo.rr.com
Reza Sadeghi <i>A. Schulman</i> Director, Membership	330-630-7108 T 330-630-3349 F reza_sadeghi@aschulman.com
Kevin Cavicchi <i>U Akron Polymer Engineering</i> Director, Education	330-972-8368 T 330-258-2339 F kac58@uakron.edu
Mark Holtman <i>U Akron Polymer Engineering</i> Director, House	330-972-6008 T 330-258-2339 F holtman@uakron.edu
Lloyd Goettler <i>Retired</i> – Director, Section Renewal	330-666-5180 T goet30@aol.com
Jenny Digiantonio <i>ExxonMobil Chemical</i> Newsletter	330-849-5166 T 330-849-5599 F jenny.digiantonio@exxonmobil.com

Open Positions:
President-Elect
Awards Committee

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all phones in area 203 - all e-mail @4spe.org

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Tricia McKnight Senior Liaison, Leadership Services Section, Division, SIG, Student Chapter Admn.	tmcknight 740-5430
Gail R. Bristol Managing Director, Foundation	grbristol 740-5447
Elizabeth Regan Online Technical Program Coordinator	ereagan 253-1368
Susan Oderwald Executive Director	seoderwald 740-5471
Peter Boergermann Technical Program Coordinator	pboergermann 740-5472
Bonnie Kaczowski Customer Relations Manager Membership	bakaczowski 740-5428
Tom Conklin Sr. Manager, Marketing	tconklin 740-5453

Board Of Director Meeting Dates (Monday):

2009--9/14, 10/5, 11/2, 12/7

2010--1/4, 2/1, 3/1, 4/5, 5/3, 6/7



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
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

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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.speurope.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

The SPE Online Membership Directory is included with membership. Your information will automatically be included.

Exclude my email from the Online Member Directory
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Payment Information

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Additional Divisions are available for a fee. Check below to select Additional Divisions. <table border="0"> <tr> <td><input type="checkbox"/> Additives & Color Europe (D45)</td> <td><input type="checkbox"/> Medical Plastics (D36)</td> </tr> <tr> <td><input type="checkbox"/> Automotive (D31)</td> <td><input type="checkbox"/> Mold Making & Mold Design (D35)</td> </tr> <tr> <td><input type="checkbox"/> Blow Molding (D30)</td> <td><input type="checkbox"/> Plastics Environmental (D40)</td> </tr> <tr> <td><input type="checkbox"/> Color & Appearance (D21)</td> <td><input type="checkbox"/> Polymer Analysis (D33)</td> </tr> <tr> <td><input type="checkbox"/> Composites (D39)</td> <td><input type="checkbox"/> Polymer Modifiers & Additives (D38)</td> </tr> <tr> <td><input type="checkbox"/> Decorating & Assembly (D34)</td> <td><input type="checkbox"/> Product Design & Development (D41)</td> </tr> <tr> <td><input type="checkbox"/> Electrical & Electronic (D24)</td> <td><input type="checkbox"/> Rotational Molding (D42)</td> </tr> <tr> <td><input type="checkbox"/> Engineering Properties & Structure (D26)</td> <td><input type="checkbox"/> Thermoforming (D25)</td> </tr> <tr> <td><input type="checkbox"/> Extrusion (D22)</td> <td><input type="checkbox"/> Thermoforming, European (D43)</td> </tr> <tr> <td><input type="checkbox"/> Flexible Packaging (D44)</td> <td><input type="checkbox"/> Thermoplastic Materials & Foams (D29)</td> </tr> <tr> <td><input type="checkbox"/> Injection Molding (D23)</td> <td><input type="checkbox"/> Thermoset (D28)</td> </tr> <tr> <td><input type="checkbox"/> Marketing & Management (D37)</td> <td><input type="checkbox"/> Vinyl Plastics (D27)</td> </tr> </table>				<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)
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Checks must be drawn on US or Canadian banks in US or Canadian funds.

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 SPE membership is valid for twelve months from the month your application is processed.
 *extra savings. **European membership dues include a program fee to support SPE's activities in Europe.

By signing below I agree to be governed by the Constitution and Bylaws of the Society and to promote the objectives of the Society. I certify that the statements made in the application are correct and I authorize SPE and its affiliates to use my phone, fax, address and email to contact me.

signature _____ date _____

recommended by member (optional) _____ Id # _____

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