

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 57th Year of Education and Service to the Plastics Industry

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Reminder to our ~ Advertisers and Sponsors ~

This is the last edition of the 2014-2015 SPE Newsletter for the season. The 2015-2016 Newsletter season begins in August, 2015. We appreciate your support for our newsletter and welcome your advertisements for the next year.

Please see the insertion order request form on page 22, which now includes space on our updated web page as well as our email blasts.

We look forward to working with you in the future!



Awards Night

Summer Edition - June-July, 2015

\$7000 worth of scholarships were given on May 18 at the Awards Night.

Since 1988, the Akron Section SPE has given out \$316,000 in scholarships.



Scholarship and Essay Contest Winners

Coming Up:

➤ See you in September

Summer 2015, Page 1



President's Message

Welcome to the 2015-2016 SPE year. We have a great program for our monthly Akron and Cleveland Section members. All meetings will be held jointly with the Cleveland Section except for our separate Award Nights. You will find program details in the pocket calendar to be sent to you in the mail soon. Note that meetings will be held in the Akron-Fairlawn Hilton on West Market Street on the second Monday of each month unless otherwise indicated.

We start the year on September 14 with an exciting presentation on a new field of study called BioMimicry. We have one of the first 3 doctoral fellowship students from the University of Akron describing this exciting new field of science that studies how we can learn from the experts in Nature to solve problems. We follow this on October 12 with a presentation, "The World's First Injection-Compression-Stretch-Blow Molding" (ICSBM) system from SIPA, Italy.

Starting on Tuesday, October 13, the Akron Section in partnership with the Vinyl Plastics Division will be hosting the 2015 Vinyltech TOPCON for the first time. Tuesday's workshop will be followed with 2 days of presentations. You will hear the latest in vinyl materials, applications, processing, design and global marketing. The Conference features a welcome mixer and exhibits on the Tuesday evening, a Wine and Cheese reception on Wednesday evening, two luncheons with keynote speakers and 29 papers on Wednesday and Thursday. The exhibits will be open throughout the Conference. It is not too late to register or reserve a table to exhibit your products or be a sponsor. A brochure with technical program, Conference and hotel registration information will be available soon. We look forward to seeing you there!!

Cleveland will host a presentation on November 9 that discusses the latest in material technology, a new way to truly measure melt flow of materials from Beaumont Technologies. We follow this with our Joint Cleveland/Akron holiday celebration on December 7 at the Taverne of Richfield.

On January 11 we will host a joint meeting with ACCESS (a consortium of scientific and engineering societies in the Akron), with a presentation by a former astronaut from NASA on Extreme engineering and our plans for Mars. On February 8, Cleveland will host RTP with a presentation on using long fiber to replace metal with plastic and will be followed on March 14 with a tour and presentation on solar power at Case Western University.

On April 11 we will host the first teacher/industry collaboration event, to help teachers get the word out about careers in plastics. We finish the year with recognition on May 9.

The pocket calendar to be mailed contains the details of the Section Program meetings. I think you will find the program educational, varied and fun. Please come and learn, participate and enjoy the camaraderie.

To close, we always need fresh faces on our Board of Directors, so if you want to be thoroughly involved with the many Section activities, please get back to me and we will be glad to sign you up!

Have a GREAT SPE YEAR.

Keith Pelfrey,
President 2015-2016 Akron Section of SPE
330-255-6557 PelfreyK@GOJO.com

Outgoing President's Message

Our Awards Night was a very successful evening at the Firestone Country Club. The Hall of Honor was awarded to Missy Zender-Sakach and the William C. Zekan award was presented to Jennifer Digiantonio. Five Student Scholarships were awarded and two Akron Section Essay Contest winners were recognized. The Akron Section was also recognized for winning the SPE Gold Pinnacle Award and Communications Excellence Award. Friends, families and teachers of award recipients and others attending all had a good time.

We are now in the wrap-up period of the 2014-2015 SPE year. New officers of SPE International and Akron Section have been appointed. Our current Section Board of Directors will have their wrap-up Board meeting on June 8 to tie up loose ends for the year and to review the technical program for 2015-2016. Our incoming president will be Keith Pelfrey, and he and Rik Keeley of the Cleveland Section have put together the program for next year. In addition to the monthly technical meetings, we are co-hosting with the Vinyl Plastics Division the 2015 Vinyltec Workshop and Conference at the Akron Fairlawn Hilton from Tuesday, October 13 to Thursday, October 15. We have selected the papers and Keynote speakers and will be mailing out the Advance Registration and Program Brochure next week. This TOPCON will be part of our program for the 2015-2016 year. The Akron Section will also be co-hosting with the TPE SIG the 12th Thermoplastic Elastomer TOPCON on September 20-22, 2016. Planning for the TPE TOPCON will start in August 2015.

So you can see that your section will be very busy for the next year. Please come and learn from our monthly section meetings and enjoy the camaraderie of your fellow members. As always, we are looking for new Section members and also volunteers for the Akron Section Board of Directors. We welcome any of you that want to participate in Section affairs. Please contact myself or Keith Pelfrey and we will welcome you with open arms!!!!

Have a great Summer and Good luck for the Future.

Viv Malpass, 330-342-1120
President 2014-2015 Akron Section of SPE
vivian.malpass@tek-mark.com

*Keith Pelfrey (right) takes over as new Akron
Section SPE President on June 8, 2015*



**The Akron Section is in
need of New Board Member
as the new year begins.**

**Please consider becoming a
Board Member
to help support your Section.**

**Contact anyone currently
on the board
(see page 16)**

**if you are interested.
Thank You!**

Councilor's Corner

Councilor Update: SPE Councilors meeting at Antec

Global membership growth continues to be a major concern and focus moving forward with special attention on increasing Student Chapter membership and involvement.

Russell Broome is actively visiting sections and Universities around the country to help grow Student Chapter activity.

New Executive Committee members were voted on and confirmed.

Discussion: There was a break-out session to brainstorm “how we would like SPE structured as far as Executive Committee and Councilors”

- Reducing the size of the EC is being considered
- Reducing the number of councilors is being considered – having regional councilors versus every section.

Bylaws were reviewed and updated.

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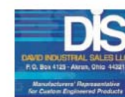
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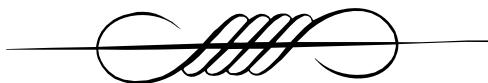
And also on our updated web site:
www.akronspe.org

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 <http://akronspe.org/contact/>. If you post a question we will post it in the following newsletter along with the answer.

Akron Section SPE Past Presidents

*58 years of
excellence*



1959-1960	Donald F. Siddall	1987-1988	Judith A. Fallon
1960-1961	Milan Krajcik	1988-1989	William E. Tosko
1961-1962	Foster J. Young	1989-1990	Robert C. Wegelin
1962-1963	Dickson L. Stoker, III	1990-1991	Geraldine R. Stromquist
1963-1964	Edward L. Hillier	1991-1992	Spencer Kreiser
1964-1965	John R. Russell	1992-1993	Robert C. Wegelin
1965-1966	John R. Russell	1993-1994	Anthony F. Dean, Jr.
1966-1967	Clyde H. Jones	1994-1995	Wayne Decamp
1967-1968	Alan Corry, Jr.	1995-1996	Melanie Stewart
1968-1969	Bernard M. Saffian	1996-1997	Kevin Hershfield
1969-1970	Harold R. Schick	1997-1998	David Schultz
1970-1971	Robert G. Hills	1998-1999	John Raab
1971-1972	John J. Satterfield	1999-2000	Gary Taylor
1972-1973	Alexis M. Gross	2000-2001	Kevin Malpass
1973-1974	Francis J. Maurer	2001-2002	Kenneth L. Sharp
1974-1975	Leverett A. Anderson, Jr.	2002-2003	Joseph E. Pfeiffer
1975-1976	Robert M. Hershey	2003-2004	Robert C. Wegelin
1976-1977	Richard L. Fleshman	2004-2005	Joseph Mattingly
1977-1978	David Curtis	2005-2006	Lloyd A. Goettler
1978-1979	John A. Zelek, Jr.	2006-2007	John Woodside
1979-1980	Gerald W. Whitnoble	2007-2008	Vivian Malpass
1980-1981	Kathleen N. Bechter	2008-2009	Joseph Mattingly
1981-1982	Victor E. Giuffrida	2009-2010	David A. Katz
1982-1983	James Steiner	2010-2011	Lloyd A. Goettler
1983-1984	Robert G. Hills	2011-2012	David Schultz
1984-1985	Anthony F. Dean, Jr.	2012-2013	Kevin Malpass
1985-1986	Gene Buser	2013-2014	Dan Jones
1986-1987	Harry J. Barth	2014-2015	Vivian Malpass



Membership report – May 2015

Akron Section has 291 active members. Four new members added in May.

Joshua Dambik
The University of Akron, Akron, OH

Ryan Fisher
The University of Akron, Medina, OH

Scott Smith
The University of Akron, Kent, OH

Byron Tolbert
Battelle, Columbus, OH



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PITTSBURGH SECTION UPCOMING EVENTS

Spring 2015 Program

June 25th 2015

Tailgate: 4:30 – 7:00 PM

First Pitch: 7:05 PM

Location: PNC Park

Space is limited to the first 60 Registrations!

Register today!



Pittsburgh Pirates vs. Cincinnati Reds

Raise the Jolly Roger with the Pittsburgh SPE

Spring is finally here and baseball season is underway. As a way of saying "Thanks for Being a Member", we're holding an annual SPE social event on **Thursday, June 25th** at PNC Park.

Your registration will include the following:

- A tailgate from 4:30 – 7:00 (**Food and beverages will be provided!**)
- A group ticket in the **Outfield Reserved** section for the game
- All attendees receive a **free Camo Pirates Hat!**

Ticket quantities are limited so please RSVP today - **Registration closes June 18th**

Price:

\$25.00 for SPE members, \$35.00 for non-SPE members

RSVP:

Pgh.spe+rsvp@gmail.com

2015 Golf Outing

September 9th, 2015

Cranberry Highlands Golf Club

**5601 Freshcorn Road
Cranberry, Twp., PA
16066**

**9:00 AM REGISTRATION
10:00 AM SHOTGUN START
3:00 PM DINNER AND
AWARDS**



2015 Annual SPE Golf Outing

Cranberry Highlands Golf Course

Registration is officially open for the 2015 Annual SPE Golf Outing. With the overwhelming response we received last year, we are opening registration early to accommodate as many people as we can.

- Golf, Lunch, and Dinner = \$140 per golfer
- Dinner Only = \$45 per person
- Lunch is provided at the turn and beverages are provided throughout the course
- **All golfers** will receive a door prize!

Space is limited to 144 golfers, so reserve your spot today!

Sponsorship Opportunities

SILVER (Tee box sign) = \$125

GOLD (Course beverages) = \$250

PLATINUM (Lunch) = \$500.00

Goals for Akron Section SPE for 2014/2015

- Work closely with the Cleveland Section to promote attendance at Joint Section meetings and develop a diversified Program for 2015-16
- Increase involvement with U Akron Student Chapter to attend Section Meetings and functions and achieve better use of our website, Linked In and Face Book
- Give better recognition to new members
- Increase Section membership by at least 1% by better promotion of Section value
- Work closely with the Vinyl Plastics Division to run a very successful Vinyltec TOPCON in October 2015
- Continue and expand on joint Society meetings and activities, such as ACCESS, ACS and others
- Continue our recruitment efforts to add new Board members

The Akron Polymer Training Center (APTC)
at The University of Akron provides short courses
for the plastics, rubber, medical, corrosion,
and adhesives and coatings industries.



APTC plastics courses include:

- Understanding Plastic Material Properties in Analyzing and Preventing Product Failures
- Making Properties and Profits: Twin Screw Extrusion Seminar
- Complete Injection Molding
- Polymer Compounding, Formulating and Testing of Plastics, Rubber, Adhesives and Coatings
- Rubber and Plastics Failure Analysis – Physical and Chemical Analysis Techniques
- Plastic Material Selection and Testing
- Plastic Part Failure Analysis
- Chemistry and Technology of Polymeric Materials used in Medical Devices
- Validating Medical Molding Processes and Parts
- Color Theory and Applications

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Highlights of Awards Night

*Russell Broome, Managing Director of SPE Int'l (left)
with Vivian Malpass, President of Akron Section SPE*



*Missi Zender-Sakach receives the
2015 Plastics Hall of Honor Award*



*Jenny Digiantonio receives William C. Zekan
Memorial Service Award*



Highlights of Awards Night

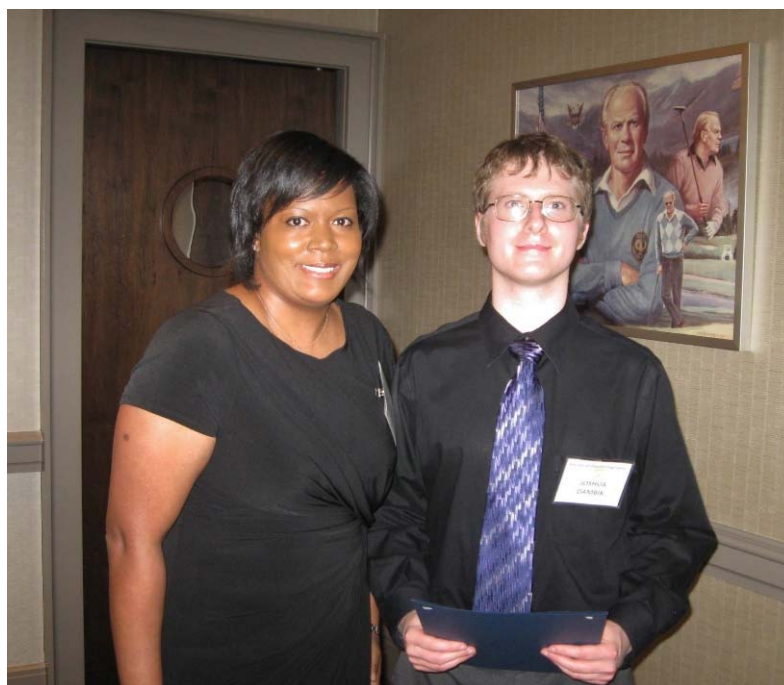
Daniel Truax (left) receives Special Merit Scholarship Award



*Rubbermaid Scholarship Recipient,
Matthew McGarry (left)*



*Goodyear Scholarship Recipient,
Joshua Dambik (right), presented by
Courtenay Eccleston of Goodyear*



Highlights of Awards Night

*Jim Steiner Memorial Scholarship
Recipient Johnathon Mileski (left)*



*Kenneth L. Sharp Memorial Scholarship
Recipient Connor O'Brien (left)*



*Wonders of Plastics Essay Contest Winners
Mallory Krajcek (left) and Hannah Hetman*



Minutes of Board Meeting – June 8, 2015

Call to Order: 5:30 PM at Papa Joe's Restaurant

Present: Kevin Malpass, Vivian Malpass, Joe Mattingly, Dan Jones, Keith Pelfrey, Nicole Brostowitz and Tony Dean (scribe)

Absent: Dave Schultz, Gary Taylor, Kevin Cavicchi, Mark Holtman, Tom McQuaide and Kevin Cavicchi

Organization

1) Organization for 2015-2016 Year

A. Changes/additions are:

- Section President/Chair is Keith Pelfrey
- Director/Student Chapter Advisor is Dr. Younjin Min.
- Awards Committee Chair is Dan Jones.
- Education Committee Co-Chairmen are Kevin Cavicchi and Tom McQuaide.
- Internet Communications Chairman is Nicole Brostowitz

B. Finalized list of Akron SPE board members and responsibilities will be published soon. Tony Dean to do.

2) Section and BOD Meeting Dates for 2015-2016

A. Board of directors will meet on first Monday of month unless otherwise noted. Keith Pelfrey will send out notice of BOD Meeting Dates.

B. Section meeting schedule set up. Program Schedule will be published. Keith Pelfrey to do.

3) Section Goals for 2015-2016 – Keith Pelfrey

A. Goals for review (see attached). Comments and action steps follow:

- Regarding meeting attendance. Need to confirm with SPE Int'l if section is allowed to take credit cards or does payment have to go through SPE Int'l and the section has to be reimbursed. Gary Taylor to check with SPE Int'l.
- Keith felt that we had a strong program this year which should help attendance.
- Regarding increasing student chapter involvement. Need to contact Dr. Jana and Dr. Min of the Polymer Engineering Department to promote the benefits of SPE membership to the students. Nicole Brostowitz said that the students closely follow the guidance of their advisors. Professors need to be advised that student financial aid is available through SPE involvement. That is less money that comes out of their pockets. Bottom line – we have to get the professors on board including Eric Amis – Dean of the College of Polymer Science and Engineering. Vivian Malpass and Keith Pelfrey to do.
- Continue and expand on joint Society meetings.
- Continue recruitment efforts to add 2 new Board members in 2015-2016.

4) Treasurer's Report – Joe Mattingly for Gary Taylor

A. Written report submitted by Gary Taylor.

- Income and expenditures are close to budget.

B. In the submitted report, Gary Taylor had two suggestions;

- in view of the financial activities of the section, it would not be prudent to employ an outside firm with a yearly expenditure of 1-2 thousand dollars.
- Gary's recommendation was that Joe Mattingly, who had recently agreed to be a co-signer on the section's account would accept the roll of Lead Auditor. A motion was made by Kevin Malpass to have Joe Mattingly be Lead Auditor. It was seconded by Tony Dean and unanimously approved by the board.

Minutes of Board Meeting – June 8 (cont.)

5) Pinnacle and Communication Awards for 2016

- A. Dan Jones will be responsible for the Pinnacle Award submission.
- B. Tony Dean will be responsible for the Communications Award submission.
- C. Submission forms and required submission dates can be found on the SPE Int'l Website. Kathy Schacht at SPE Int'l can also be contacted for information.

6) Vinyltec 2015 Status – Vivian Malpass

- A. Vivian reported that we are in good shape for Vinyltec 2015 to be held October 13-15 at the Hilton – Fairlawn.

7) TPE TOPCON – Vivian Malpass

- A. Vivian reported that planning is underway for the TPE TOPCON to be held September 20-22, 2016.
- B. Vivian will submit the application to SPE Int'l in August 2015.

8) Technical Program – Keith Pelfrey

- A. Keith has set up the Technical Program for 2015-2016 in cooperation with Rik Keeley of the Cleveland Section.
- B. Combined meeting with Cleveland Section and ACCESS in January 2016 should be very good with an astronaut speaking. Everyone pray for good weather.
- C. A lot of discussion was held about Holiday Gathering. Venue to be Tavern at Richfield. Keith Pelfrey is looking into having a comedian he knows for entertainment. Keith will report back to board on this matter.

9) Venue for Future Monthly Meeting & TOPCONs - All

- A. Possible other venues for meetings and TOPCONs than the Hilton – Fairlawn were discussed. One drawback to the Hilton was that it is not close to an airport (although it is between two of them) and there is no direct transportation to the airports.
- B. There are a lot of new hotels in the area and these should be looked into.
- C. The Akron Summit and Visitors Bureau should be contacted to help out in locating new venues.

10) Change of Command – Vivian Maplass and Keith Pelfrey

- A. Keith Pelfrey took over as President of the Akron Section SPE.

Adjournment

Meeting was adjourned at 7:45 p.m.

The next meeting of the Akron SPE Board of Directors will be August 31, 2015 at PEAC – Univ. of Akron starting at 5:30 p.m.

Programs for 2015 / 2016

Sept. 14	University of Akron Leveraging 3.8 Billion Years of Innovation <i>-- Hilton Fairlawn – Akron*</i>	Jan. 11	NASA To Mars and Back – Extreme Eng. <i>-- Hilton Fairlawn – Joint with ACCESS*</i>
Oct. 12	SIPA of Italy Extreme Syncro, The World's First Injection-Compression-Stretch-Blow Molding (ICSBM) System <i>-- Hilton Fairlawn – Akron*</i>	Feb. 8	RTP VLF – Very Long Fiber – Metal to Plastic Replacement <i>-- Hilton Fairlawn – Cleveland*</i>
Oct. 13-15	Vinyltec TOPCON <i>-- Hilton Fairlawn – Akron*</i>	Mar. 14	Case Western Reserve Univ., Tour Solar Power <i>-- Cleveland*</i>
Nov. 9	Baumont Technologies True Melt Flow of Polymers <i>-- Hilton Fairlawn – Cleveland*</i>	Apr. 11	Industry / Teacher Collaboration SPE / University of Akron What do Polymer Engineers Do? How Do We Get the Word Out to Students <i>-- Hilton Fairlawn – Akron*</i>
Dec. 7	Holiday Celebration SPE – History and Plans for the Future <i>-- Taverne of Richfield – Joint*</i>	May 9	Akron Section Awards Night <i>-- Hilton Fairlawn – Akron</i>

*Meetings are joint with Cleveland
Section with host section denoted by **

Akron Section Board of Directors

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President/Chair-elect, Membership, Technical Program

Dave Schultz 330-798-6535 T
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TOPCON 2015, TOPCON 2016

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Director, Awards

Open
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Director, Student Chapter SPE Liaison

Younjin Min 330-972-5167 T
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Newsletter Editor



Akron Section Society of Plastics Engineers Educational Foundation



1-15

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 twenty three years that the foundation has been in existence, it has provided scholarships to over 245 young men and women totaling in excess of \$310,000 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, 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 tax deductible donation at our Awards Night, which is scheduled on May 18, 2015.

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, Foundation Chair

Akron Section Society of Plastics Engineers, Educational Foundation





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Annual Awards	Kathy Schacht	+1 203.740.5430	kschacht@4spe.org
ANTEC Booth Sales	Chuck Herrholtz	+1 770.576.4974	cherrholtz@naylor.com
ANTEC Conference Management	Barbara Spain	+1 203.740.5418	bspain@4spe.org
ANTEC Paper Submission	Barbara Spain	+1 203.740.5418	bspain@4spe.org
ANTEC Conference Sponsorship	Barbara Spain	+1 203.740.5418	bspain@4spe.org
The Chain	Sarah Sullinger	+1 203.740.5425	ssullinger@4spe.org
Change of address	Customer Relations	+1 203.740.5403	customerrelations@4spe.org
Communications	Sarah Sullinger	+1 203.740.5425	ssullinger@4spe.org
Communications Excellence Award	Kathy Schacht	+1 203.740.5430	kschacht@4spe.org
Conference Sponsorship (TopCons)	Sue Wojnicki	+1 203.740.5420	swojnicki@4spe.org
Dues Renewals and New Members	Customer Relations	+1 203.775.0471	customerrelations@4spe.org
Employment Advertising	+1 888.491.8833 At prompt please press 4. The extension is 1063		customerservice+64639@support.boxwoodtech.com
Fellow & Honored Service Nominations	Kathy Schacht	+1 203.740.5430	kschacht@4spe.org
Governance Liaison	Kathy Schacht	+1 203.740.5430	kschacht@4spe.org
Managing Director	Russell Broome	+1 203.740.5471	rbroome@4spe.org
Membership Processing/Questions	Customer Relations	+1 203.740.5403	membership@4spe.org
Membership Programs/Retention	Sue Wojnicki	+1 203.740.5420	swojnicki@4spe.org
Mobile App – SPE Events	Barbara Spain	+1 203.740.5418	bspain@4spe.org
Pinnacle Award	Kathy Schacht	+1 203.740.5430	kschacht@4spe.org
<i>Plastics Engineering</i> magazine advertising	Roland Espinosa	+1 201.748.6819	respinosa@wiley.com

Sections, Divisions & Special Interest Group Administration	Kathy Schacht	+1 203.740.5430	kschacht@4spe.org
SPE Foundation / Scholarships & Grants	Gene Havel	+1 203.740.5457	ghavel@4spe.org
SPE Industry Resource Guide		+1 800.816.6710	spe@multiview.com
Student Chapters	Scott Marko	+1 203.740.5442	smarko@4spe.org
Topical Conference Planning	Sue Wojnicki	+1 203.740.5420	swojnicki@4spe.org
Topical Conference Registration	Sue Wojnicki	+1 203.740.5420	swojnicki@4spe.org
Webinars (non.registration)	Barbara Spain	+1 203.740.5418	bspain@4spe.org
Event Registrations	Customer Relations	+1 203.740.5403	customerrelations@4spe.org
Website Administration	Pedro Matos	+1 203.740.5438	pmat@4spe.org

SPE MEMBER BENEFITS GUIDE



FREE TO MEMBERS

SAVINGS 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	
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	www.4careersolutions.org
	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

Website, E-Blast & Newsletter Advertising

Insertion Order 2015-16

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 57th year of the Akron SPE Section and rates are for entire season, September 2015 – Summer 2016. **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!** All ads included in newsletter, email blast and web site.

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	\$100
	Double	One column, 2 to 4" high	\$150
	Triple	One column, 4 to 6" high	\$200
	Half Page	One column, 10" high	\$250
	Half Page	Page width (7.5"), 5" high	\$250
	Hotlink to company website	N/A	No Charge

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

Contact Person	Billin	g Information:
Company:		
Name:		
Address:		
Phone #:		
Fax #:		
Email address:		

Mail checks, payable to AKRON SECTION SPE, to:

Akron Section SPE
c/o Tony Dean
Akron SPE
250 S. Forge Street
Akron, OH 44325-0301



Society of Plastics Engineers

13 Church Hill Road
Newtown, CT 06470 USA

Membership Application

PH: 203-775-0471 • Fax: 203-775-8490

www.4spe.org • membership@4spe.org

Contact Information *Please print clearly*

First Name (Given Name) _____ Middle Name _____

Last Name (Family Name) _____

Company Name/University Name (if applicable) _____

Mailing Address is: ☐ Home ☐ Business Gender: ☐ Male ☐ Female (for demographic use only)

Address Line 1 _____

Address Line 2 _____

Address Line 3 _____

City _____ State/Province _____

Country _____ Zip/Postal Code _____ Phone _____

Preferred Email (This will be your member login and is required for usage of online member services) _____

Alternate Email _____

Date of Birth (Required for Young Professional membership) _____

Graduation Date (Required for Student membership) _____ Job Title _____

Membership Types *Check one*

- ☐ **Student: \$31** (Graduation date is required above)
☐ **Young Professional: \$99** (Professionals under the age of 30. Date of birth is required above)
☐ **Professional: \$144.00 \$129** (Includes \$15 new member initiation fee)

Choose 2 free Technical Division and/or Geographic Section Member Groups. →

1. _____ 2. _____

Additional groups may be added for \$10 each. Add Special Interest Groups at no charge.

1. _____ 2. _____

3. _____ 4. _____

Dues include a 1-year subscription to *Plastics Engineering* magazine-\$38 value (non-deductible).
SPE membership is valid for 12 months from the date your membership is processed.

Payment Information *Payment must accompany application. No purchase orders accepted.*

☐ Check Enclosed Amount _____

Charge: ☐ Visa ☐ Mastercard ☐ American Express Expiration Date: _____

Account Number: _____

Amount Authorized: _____ CSC#: _____ Last 3 digits from the back of MC/Visa.
4 digits from the front of AMEX.

Cardholder's Name (as it appears on card): _____

Signature of Cardholder: _____

Payment by Wire Transfer Instructions

You **must** include account number +ABA
we may apply payment to the correct person.

USD: WELLS FARGO: 108 Federal Road, Danbury, CT 06811 USA
ACCT #2040607562129 ABA #121000248 SWIFT CODE #WFBUS6S

EURO: HSBC Bank: 9 Penn Road, Beaconsfield, Buckinghamshire HP9 2PT UNITED KINGDOM
ACCT #70841841 IBAN #GB03MIDL40051570841841 SWIFT CODE #MIDLGB22 SORT CODE #400515

The SPE Online Member Directory is included with membership. Your information is automatically included unless you indicate otherwise.

_____ Exclude my email address from the Online Membership Directory

_____ Exclude my address from 3rd party mailings

By signing below, I agree to be governed by the Bylaws of the Society and to promote the objectives of the Society. I certify that 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 _____

Technical Division Member Groups - Connect with a global community of professionals in your area of technical interest.

- | | |
|---|--|
| <input type="checkbox"/> Additives & Color Europe - D45 | <input type="checkbox"/> Injection Molding - D23 |
| <input type="checkbox"/> Automotive - D31 | <input type="checkbox"/> Medical Plastics - D36 |
| <input type="checkbox"/> Blow Molding - D30 | <input type="checkbox"/> Mold Making & Mold Design - D35 |
| <input type="checkbox"/> Color & Appearance - D21 | <input type="checkbox"/> Plastics Environmental - D40 |
| <input type="checkbox"/> Composites - D39 | <input type="checkbox"/> Polymer Analysis - D33 |
| <input type="checkbox"/> Decorating & Assembly - D34 | <input type="checkbox"/> Polymer Modifiers & Additives - D38 |
| <input type="checkbox"/> Electrical & Electronic - D24 | <input type="checkbox"/> Product Design & Development - D41 |
| <input type="checkbox"/> Engineering Properties Structure - D26 | <input type="checkbox"/> Rotational Molding - D42 |
| <input type="checkbox"/> European Medical Polymers - D46 | <input type="checkbox"/> Thermoforming - D25 |
| <input type="checkbox"/> European Thermoforming - D43 | <input type="checkbox"/> Thermoplastic Materials & Foams - D29 |
| <input type="checkbox"/> Extrusion - D22 | <input type="checkbox"/> Thermoset - D28 |
| <input type="checkbox"/> Flexible Packaging - D44 | <input type="checkbox"/> Vinyl Plastics - D27 |

Geographic Section Member Groups - Network with local industry colleagues.

- | | |
|--|---|
| <input type="checkbox"/> Alabama/Georgia-Southern | <input type="checkbox"/> New York |
| <input type="checkbox"/> Australia-New Zealand | <input type="checkbox"/> New York-Rochester |
| <input type="checkbox"/> Benelux | <input type="checkbox"/> North Carolina-Piedmont Coastal |
| <input type="checkbox"/> Brazil | <input type="checkbox"/> Ohio-Akron |
| <input type="checkbox"/> California-Golden Gate | <input type="checkbox"/> Ohio-Cleveland |
| <input type="checkbox"/> California-Southern California | <input type="checkbox"/> Ohio-Miami Valley |
| <input type="checkbox"/> Caribbean | <input type="checkbox"/> Ohio-Toledo |
| <input type="checkbox"/> Carolinas | <input type="checkbox"/> Oklahoma |
| <input type="checkbox"/> Central Europe | <input type="checkbox"/> Ontario |
| <input type="checkbox"/> Colorado-Rocky Mountain | <input type="checkbox"/> Oregon-Columbia River |
| <input type="checkbox"/> Connecticut | <input type="checkbox"/> Pennsylvania-Lehigh Valley |
| <input type="checkbox"/> Eastern New England | <input type="checkbox"/> Pennsylvania-Northwestern Pennsylvania |
| <input type="checkbox"/> Florida-Central Florida | <input type="checkbox"/> Pennsylvania-Philadelphia |
| <input type="checkbox"/> Florida-South Florida | <input type="checkbox"/> Pennsylvania-Pittsburgh |
| <input type="checkbox"/> France | <input type="checkbox"/> Pennsylvania-Susquehanna |
| <input type="checkbox"/> Hong Kong | <input type="checkbox"/> Portugal |
| <input type="checkbox"/> Illinois-Chicago | <input type="checkbox"/> Quebec |
| <input type="checkbox"/> India | <input type="checkbox"/> Southeastern New England |
| <input type="checkbox"/> Indiana-Central Indiana | <input type="checkbox"/> Spain |
| <input type="checkbox"/> Iowa | <input type="checkbox"/> Taiwan |
| <input type="checkbox"/> Israel | <input type="checkbox"/> Tennessee-Smoky Mountain |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Tennessee Valley |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Texas-Central Texas |
| <input type="checkbox"/> Kansas City | <input type="checkbox"/> Texas-Lower Rio Grande Valley |
| <input type="checkbox"/> Korea | <input type="checkbox"/> Texas-North Texas |
| <input type="checkbox"/> Louisiana-Gulf South Central | <input type="checkbox"/> Texas-South Texas |
| <input type="checkbox"/> Maryland-Baltimore-Washington | <input type="checkbox"/> Tri-State |
| <input type="checkbox"/> Mass/New Hampshire-Pioneer Valley | <input type="checkbox"/> Turkey |
| <input type="checkbox"/> Mexico-Centro | <input type="checkbox"/> United Kingdom & Ireland |
| <input type="checkbox"/> Michigan-Detroit | <input type="checkbox"/> Upper Midwest |
| <input type="checkbox"/> Michigan-Mid Michigan | <input type="checkbox"/> Utah-Great Salt Lake |
| <input type="checkbox"/> Michigan-Western Michigan | <input type="checkbox"/> Virginia |
| <input type="checkbox"/> Middle East | <input type="checkbox"/> Washington-Pacific Northwest |
| <input type="checkbox"/> Mississippi | <input type="checkbox"/> West Virginia-Southeastern Ohio |
| <input type="checkbox"/> Nebraska | <input type="checkbox"/> Western New England |
| <input type="checkbox"/> New Jersey-Palisades | <input type="checkbox"/> Wisconsin-Milwaukee |

Special Interest Groups - Explore emerging science, technologies and practices shaping the plastics industry. Choose as many as you would like, at no charge.

- | | |
|---|---|
| <input type="checkbox"/> Advanced Energy - 024 | <input type="checkbox"/> Non-Halogen Flame Retardant Tech. - 030 |
| <input type="checkbox"/> Alloys and Blends - 010 | <input type="checkbox"/> Plastic Pipe & Fittings - 021 |
| <input type="checkbox"/> Applied Rheology - 013 | <input type="checkbox"/> Plastics Educators - 018 |
| <input type="checkbox"/> Bioplastics - 028 | <input type="checkbox"/> Plastic in Building and Construction - 027 |
| <input type="checkbox"/> Composites Europe - 026 | <input type="checkbox"/> Process Monitoring & Control - 016 |
| <input type="checkbox"/> Extrusion Europe - 025 | <input type="checkbox"/> Quality/Continuous Improvement - 005 |
| <input type="checkbox"/> Failure Analysis & Prevention - 002 | <input type="checkbox"/> Radiation Processing of Polymers - 019 |
| <input type="checkbox"/> Joining of Plastics & Composites - 012 | <input type="checkbox"/> Rapid Design, Eng. & Mold Making - 020 |
| <input type="checkbox"/> Marketing & Management - 029 | <input type="checkbox"/> Thermoplastic Elastomers - 006 |
| <input type="checkbox"/> Nano/Micro Molding - 023 | |

Recommended by (optional) _____ ID# _____

INTRO-JL