

# Polymer Valley News

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

## Newsletter Contents

Meeting Announcement	1
Speaker Biography	2
Join the Board	2
Meeting Information and Map	3
Advertiser Index	4
Technical Questions on Plastics	4
Akron SPE Past Presidents	4
Membership Report	5
Goals for Akron Section	6
TOPCON sponsors	
Gold – Kuraray America	7
Premier – A. Schulman	8
Minutes of Board Mtg – 3/30	9
2014-2015 Program	13
Akron Section Board Members	13
SPE Educational Foundation	14
PMAD Challenge	15
Who Can Help You at SPE	16
Member Benefits Guide	18
Insertion Order form – 2014/15	20
SPE Membership Application	21

## Costs, Schedules, Reservations

Member and/or guest	\$25
Retired	\$20
Student	\$5

Social / Networking / Bar 5:30 p.m.  
Dinner 6:15 p.m.  
Program following dinner

Reservations must be in by noon on Friday, April 10 and can be made to Gary Taylor at akronspe1@gmail.com or 330-419-4280

Please be sure to include the company affiliation of each attendee including dietary restrictions.

## Technical Meeting

**Monday, April 13, 2015**  
**5:30 p.m.**

**Plastic Suppliers, Inc.**  
**Hilton Inn**  
**3180 West Market Street**  
**Akron, Ohio 44333**



## Current Technology in Thin Gauge PLA films

Randy Scott – Vice President of Sales and Marketing  
Plastic Suppliers, Inc.

**Coming Up:**

See page 2 for  
Mr. Scott's biography

➤ May 18 – Akron  
Awards Night

Apr. 2015, Page 1



## Speaker Biography

### Current Technology in Thin Gauge PLA films

Randy Scott – Vice President of Sales and Marketing  
Plastic Suppliers, Inc.

Randy has been in the plastics industry his entire working career. His work background has been in blow molded/injection molded PET containers (Sewell Plastics), rigid calendared and extruded sheet (Klockner Pentaplast), blown PVC films and shrink labels (Alcoa Flexible Packaging), copolyester resins for packaging (Eastman Chemical), blown and cast PE and PP films (Pliant), and flexible packaging (Exopack).

Randy has been the VP of Sales & Marketing for Plastic Suppliers since early 2013 and focuses on growing the company's property product lines for thin and thick Polystyrene films ("Polyflex" brand) and its unique line of PLA based film ("Earthfirst").

Randy is a graduate of Harvard University with a degree in Economics and resides in the Chicago area.



**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 13)**

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



• Volumetric, Gravimetric, Belt & Screw Feeders



• Bulk Bag Systems  
• Mechanical Conveyors  
• Scale Systems



• Paddle Mixers  
• Vacuum Dryers



• Explosion Mitigation & Prevention Equipment for Combustible Dust



• Delumpers  
• Shredders  
• Size Reduction



• Densephase Pneumatic Conveying



• Vibratory Feeders  
• Bin Activators



[www.davidindustrialsales.com](http://www.davidindustrialsales.com)

Richfield: (330) 659-3157 Perrysburg: (419) 874-1359

## Directions to Akron Hilton, 3180 West Market Street, Akron, Ohio 44333

From Cleveland Hopkins Airport

Take 480 East to I-77 South. Exit at #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The Hilton is at the intersection of West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.

Driving South on I-77

Exit at #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The Hilton is at the intersection of West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.

Driving North on I-77 (From Akron/Canton Airport)

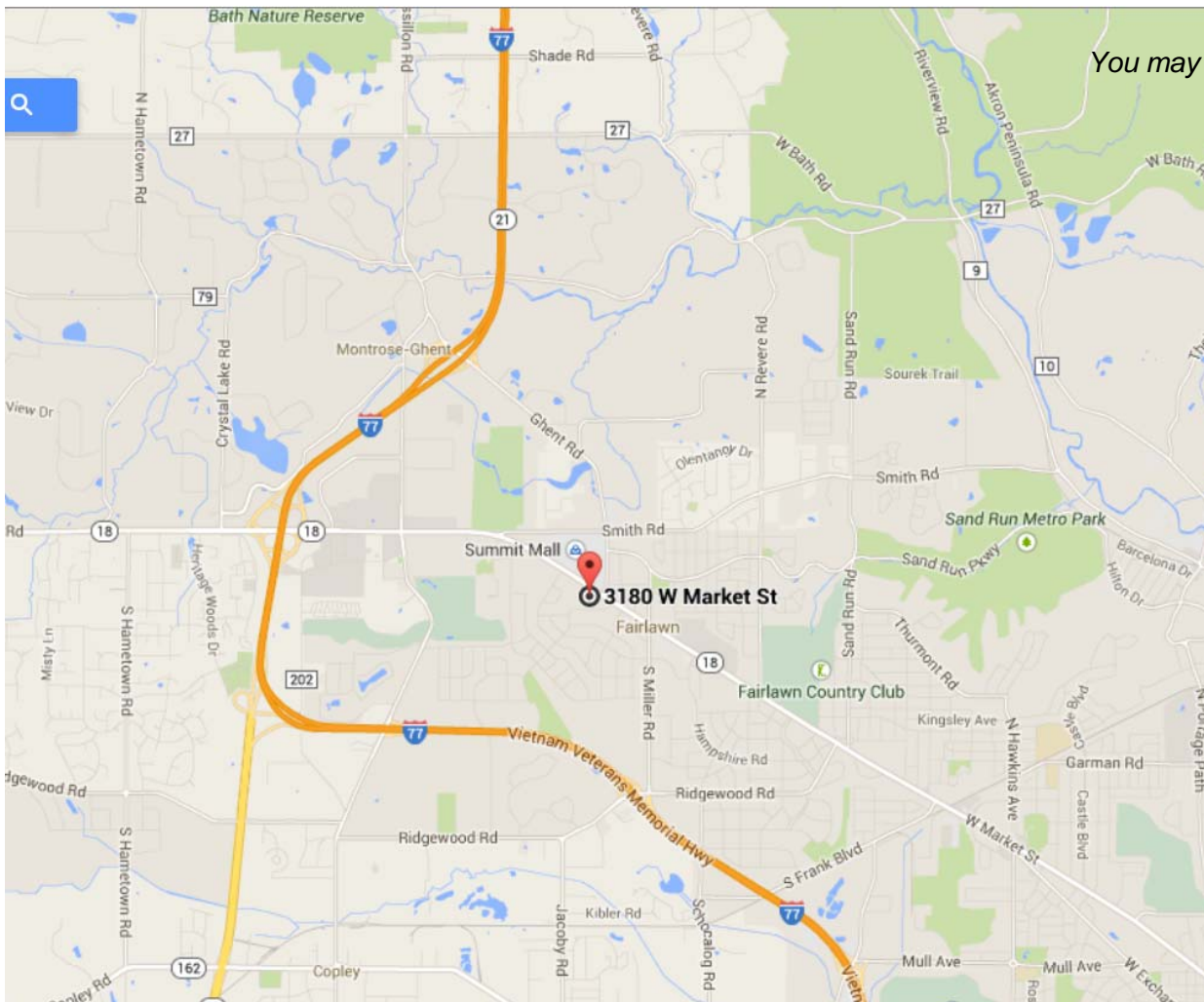
Exit at #133 – Ridgewood/Miller Rd. Go straight through the exit for approximately 2 miles. Turn left on Market Street (2 blocks). The Hotel is located on the left

Driving North or South on I-71

Take Route 18 – Medina Exit #218. Drive east on route 18 approximately 10 miles. The Hilton will be located on the right side opposite the Summit Mall

Ohio Turnpike

Take the Cleveland/Akron I-77 Exit #173 off the Ohio Turnpike. Take I-77 south to exit #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The Hilton is at the intersection of West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.



You may zoom in

## Advertiser Index

A. Schulman	8
Akron Polymer Training Center	6
David Industrial Sales	2
Dover Chemical	12
Kuraray America	7
Polysort	5
Struktol	12

Picture your ad here .....

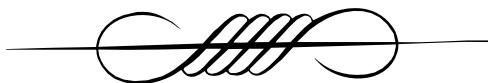
And also on our updated web site:  
[www.akronspe.org](http://www.akronspe.org)

## 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

*57 years of  
excellence*



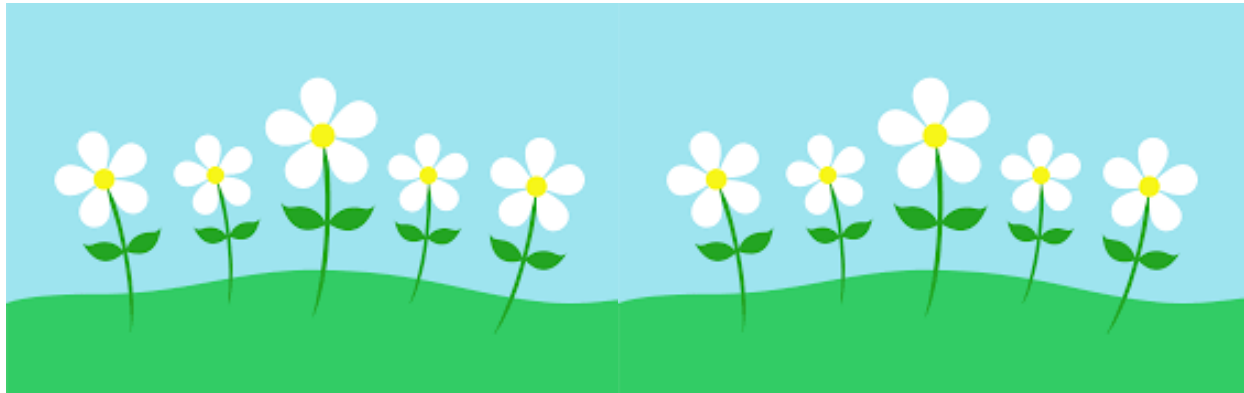
1959-1960	Donald F. Siddall	1987-1988	Judith A. Fallon
1960-1961	Milan Krajcik	1988-1989	William E. Tosko
1961-1962	Foster J. Young	1989-1990	Robert C. Wegelin
1962-1963	Dickson L. Stoker, III	1990-1991	Geraldine R. Stromquist
1963-1964	Edward L. Hillier	1991-1992	Spencer Kreiser
1964-1965	John R. Russell	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 – March 2015

Akron Section has 298 active members. One new member added in March.

Hui Dong  
Akron, Ohio - Student Membership



# If prospects can't find your website on Google, will it generate leads?

Polysort -- serving plastics companies for 18 years

- **Search Engine Optimization**
- **Website design**
- **Internet marketing**

Contact us today for a FREE web site audit.

Tel. 330.665.5918 ext. 2104

E-mail John Inama at [johni@polysort.com](mailto:johni@polysort.com)



  
**POLYSORT**  
The power of many.

## 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

The  
University  
of Akron

Visit [uakron.edu/aptc](http://uakron.edu/aptc) for a complete list of APTC courses.

Customized training programs are also available. Contact APTC at 330-972-8303 or [lbettinger@uakron.edu](mailto:lbettinger@uakron.edu)



## UNIQUE MATERIALS THAT ADD VALUE

**Kuraray** provides a variety of elastomers. From SEP, SEEPs, SEBS, SEPS and SEEPS-OH, Kuraray SEPTON and HYBRAR are leading the way for HSBCs in the thermoplastic market. Beyond elastomers, Kuraray's KURARAY and LIR are leading the way in acrylic elastomers and liquid rubber additives.







# A. Schulman

## Stronger and Improved

At A. Schulman, our innovations have inspired the world of automotive plastics for over 50 years. We are committed to our customers and to driving INNOVATIVE SOLUTIONS for the Automotive Industry.

**Network Polymers + Ferro Specialty Plastics = A Stronger Solution**

Through the acquisition of two innovative companies, A. Schulman has expanded its product offerings and technical abilities to better meet our customers' material needs.

### AUTOMOTIVE PRODUCT SOLUTIONS

- Polyfort®
- Polytrope®
- Polytrope STR®
- Gapex®
- Ferrex®
- Optum®
- Alcryn® MPR
- DuraGrip® TPE
- Invision®
- Softflex®
- Eco-Flex®

**Come See the New ASI at the 2014 SPE: Automotive TPO, Thermoforming, and Thermoplastics Elastomers Conferences**

Call us today at  
800.54 RESIN  
or email us at  
[info@aschulman.com](mailto:info@aschulman.com)



**A. Schulman**  
COMPOUNDING YOUR IMAGINATION™

3637 Ridgewood Rd. • Fairlawn, Ohio 44333  
[www.aschulman.com/engineeredplastics](http://www.aschulman.com/engineeredplastics)



# Minutes of Board Meeting – March 30, 2015

**Call to Order:** 5:30 PM at PEAC

**Present:** Keith Pelfrey, Dave Schultz, Joe Mattingly, Gary Taylor, Bob Wegelin, Robert Weiler, Kevin Cavicchi, Tom McQuaide and Nicole Brostowitz - new BOD Member

**Absent:** Viv Malpass, Dan Jones, Tony Dean, Kevin Malpass, Martin Mensch, Matt Crowder and Mark Holtman

## Organization

Review minutes from last meeting and approve. Keith Pelfrey will handle meeting in Viv's absence.

Minutes – February BOD meeting – D. Schultz

Section Goals - review-Keith for Viv Malpass

Education and Teachers Meeting- devoted to informing about Polymer Engineering- Kevin Cavicchi

## Reports

Technical Program -- Keith Pelfrey – 2015/16 update

House -- Bob Wegelin / Awards

Membership -- Rob Weiler

Treasurer -- Gary Taylor

Councilor -- Kevin Malpass

Student Chapter -- Matt Crowder with social media

Public Interest/Website -- Tony Dean

Newsletter -- Tony Dean

Awards -- Dan Jones

Ed. Committee -- Kevin Cavicchi/Tom McQuaide

Education Foundation -- Bob Wegelin

TPE TOPCON -- Viv Malpass/Bob Wegelin  
reconfirming dates

Vinyltec 2015 -- Viv Malpass/Rob Weiler

## Old Business

Review of current assignments need for help- Social Media/ Education/ PR Akron Section- key Education goal

## New Business

BOD Meeting changes- 1<sup>st</sup> Monday- dates

New Board Members -- Dave Schultz

Engineers Week wrap -- Dan Jones

ANTEC Wrap -- Viv, Bob, Keith, Kevin and Dave

Meeting called to order 5:30 PM

February minutes reviewed by BOD - corrected date for current BOD to March 30 vs 23 then approved

## Organization

Still valid GOALS working on items for tracking!!

Section Goals - Reviewed bullet points

1-Close work with Cleve- status- Keith Pelfrey continuing to work very close with Ric Keeley- Cleve/Akron putting together a very diversified program for next year - Sept-Dec dates complete

2-Increase involvement with Student Chapter - need representation present/communication - Kevin Cavicchi spoke for Students plan to re-group and re-invigorate with new contact for 2015-16

3-Give better recognition- continue to track new members monthly add to Newsletter and track / allow free first meeting- in process communications/ star on badge. Increase membership- need to do all plus more from above/ below Goals

4-Work closely Vinyl Div- In process – moving forward

5-Continue to expand- D Schultz to contact local ACS- Chair for input, ideas

6-Continue recruitment.

# Minutes of Board Meeting – March 30 (cont.)

## Education and Teachers Meeting - Kevin Cavicchi

Kevin informs that he has for past several years been involved in a HS Teacher- Chemistry, Biology and Physics Mentoring program for summers- he now feels teachers are ready to show off their experiments to professionals thereby aligning teachers with industry- suggested we set up Tabletops at Awards Banquet- May Good way as well to set up HS Teachers with College contacts

Also inquired as to Polymer Ambassador for Ohio- Indiana

Ed Escudaro- Cincinnati and Becky Knipp- Indiana

## Program- 2015-16 - Keith Pelfrey

Rik Keeley and Keith met- reminder at least one ACESS Meeting- set Jan as past and need to consider Educational event as we move on PR for Akron Section. Current line up for Oct 2015-Blow Molding- Sepa is good as Plan A- Liqiform is not ready and that Nov- Injection Molding-Melt Flipper- is still valid Confirmed Vadxx for Spring with Tour with Bob Weiler's help.

Leadership - Making progress with getting new Members for BOD and Committees—Education, 2015-16 Technical Program, Awards and PR/Website Committees need members.

Welcomed new BOD Member –Dr. Nicole Brostowitz recently employed by Seaman Corp –Wooster after completing Doctorate in Polymer Engineering- Nicole recently had helped us redesign website and was Student PESO Chair- she will now lead us again into new Social Media areas

Tom McQuaide has officially joined Education Committee with Kevin Cavicchi and run through review of key items- will be making suggestions and working on major PR article for Section

Mike Fulmer- Struktol- Product Manager Plastics Additives has informed his interest -Tony Dean to contact

## **Committee Reports**

### **Technical Program: Keith Pelfrey**

Keith reviewed upcoming schedule- Sustainability is set for April- with Cleve- May-Awards Night- in process of development- new location set- Firestone CC- for higher visibility.

### **House: Bob Wegelin / Gary Taylor**

Bob Wegelin and Gary Taylor inform that next venue is set- Akron- April and now Awards at Firestone CC- Bob will get final details.

### **Membership: Rob Weiler**

Rob reported membership at 298, 1 new member.

Keith Pelfrey will continue to contact past month new members.

Plans in place to contact and welcome new members from March list.

Plans to add STAR as New Member on badge at meeting and inform their first meeting is FREE.

Plus introductions will be carried out at meeting- NEW Member recognition.

Anticipate still would be good to track attendees from last year TOPCON as non- members- determine interest in joining their local section- determined by location they reside.

We still need to determine how best to track students and retirees after graduation and retirement as they are both valuable assets to our society.



# Minutes of Board Meeting – March 30 (cont.)

## **Treasurer: Gary Taylor**

Gary reviewed latest activity for calendar year 2015

Bob Wegelin and Gary have secured help for review of finances 2014- set for finalize by May

Current thoughts on Section financial responsibilities – in process of further review and modification

Gary to get details for second signer- Checking- Joe Mattingly has volunteered.

## **Councilor: Kevin Malpass**

No report but did attend past 2 sets of Meetings at NPE/ANTEC.

## **Student Chapter: Kevin Cavicchi for Matt Crowder - PESO Liaison**

Viv requested added help to review current in -activity re Student Chapter.

Goal has listed- try to attract more student SPE members and to have added involvement in Section meetings and by local SPE members in PESO functions.

Need regroup for calendar year 2015-16.

Suggestion made to review with company interns (univ students) currently employed by large local companies.

## **Public Interest/Website: Tony Dean**

Web site is set for new 2015 year.

Need to get new advertisers for year.

Tony and Nicole have asked for feedback on current website- review to be carried out for possible updates.

BOD has now listed as one of GOALS- to develop a PR article informing local Akron and surrounding areas about SPE Akron Section. Review carried out for contents as Tony and Tom in process- also determined audience could be web as well as local Trading Post type papers with pictures included-Subject--- Awards and particularly monies over past many years for Scholarships.

## **Newsletter: Tony Dean**

Jenny needs BOD inputs on monthly basis.

## **Awards: Dave Schultz for Dan Jones**

David confirmed Dan Jones will handle development – re Program- brochure and Awards for Hall of Honor- recipient and supporting data is set as well as Zekan candidate- Confirmed Russell Broome- Managing Director for Intl SPE as Keynote address for Awards Night, to also include Tabletops from local HS Teachers- Kevin Cavicchi

David Schultz to inform Hall of Honor- person

Dan Jones/Keith Pelfrey to inform Zekan recipient

Need as well to review potential Intl Awards for next year.

## **Education Committee: Kevin Cavicchi / Tom McQuaide**

Kevin and Tom are currently reviewing other areas for what could be done to help Education efforts- added PR contacts at schools PTO, PTA, General Scholarship website, Akron Section website- searchable?? as well as PR in local papers- West Side Leader and ABJ.

## **Education Foundation: Bob Wegelin**

BOD has asked for sub-committee to set up policy for funding from Akron Section to Foundation for Awards and Scholarships.

Suggested money raising event for 2015-16 year.

# Minutes of Board Meeting – March 30 (cont.)

## **TPE TOPCON: Viv Malpass**

Next TPE TOPCON set for Akron- Sept 2016. Need to confirm dates- Bob Wegelin.

## **VINYLTEC TOPCON 2015: Rob Weiler**

Next meeting set for April 1 all items moving along.

## **Old Business**

Current assignments- set- start review future goals and need for new assignments.

## **New Business**

BOD Meetings for year 2015-16 will be 1<sup>st</sup> Monday of Month

Review Engineers Week- Feb 26 2015

Dan Jones and Joe Mattingly attended- Joe informed Speaker on History of Plastics/Polymers was excellent should consider for future venue- details to follow

ANTEC Wrap- determined that NPE/ANTEC – ANTEC portion should be reviewed for sign up procedures for future- very confusing- Keith Pelfrey

## **Webinars of Monthly Technical Meetings – Dan Jones**

Dan Jones reported no progress, but would continue to try to develop in new SPE year working with Intl-Scott Marko.

## **Adjournment**

Meeting was adjourned at 7:02 p.m.

The next meeting of the Akron SPE Board of Directors will be April 27, 2015 at the Univ. of Akron Polymer Engineering Center at 5:30 p.m. - need Secretary as D. Schultz will not be present

## **Our Specialties Are Your Solutions!**

### **High Performance Additives for Plastics**

#### **Antioxidants:**

Doverphos<sup>®</sup> S-9228

Dovernox<sup>®</sup> 10 & 76

#### **Heat Stabilizers:**

Doverphos<sup>®</sup> liquid phosphites

Doverphos<sup>®</sup> HiPure 4

Doverphos<sup>®</sup> LGP-11

#### **Lubricity Additives:**

Doverlube<sup>®</sup> Ca & Zn stearates

#### **Flame Retardants:**

Chlorez<sup>®</sup>, Paroil<sup>®</sup>, Doverguard<sup>®</sup>

**DOVER** Chemical Corporation  
A Subsidiary of ICC Industries Inc.

330-343-7711 • 800-321-8805 • Fax: 330-364-9626 • www.doverchem.com

Heath Colvin, Midwest Regional Sales Manager

Phone: 330-243-6158; Fax 330-365-3929

Email: hcolvin@doverchem.com



**struktol**<sup>®</sup>

One Click Additive Solutions

[www.4struktol.com](http://www.4struktol.com)

#### **Struktol Company of America**

201 E. Steels Corners Road | P.O. Box 1649 | Stow, OH 44224-0649

330-928-5188 | 800-327-8649 | Fax: 330-928-0013 | Email: customerservice@struktol.com



# Programs for 2014 / 2015

Sept. 16-18 **TPE TOPCON**  
**Building New Bonds**  
*-- Hilton Fairlawn*

Oct. 13 **Nottingham Spirk**  
 Industrial Design, Tour at 11:00 a.m.  
 Lunch buffet following at 1:00 p.m.  
*-- Cleveland\**

Nov. 10 **ColorMatrix / PolyOne Corp.**  
 Liquid Coloring of Plastics  
*-- Hilton Fairlawn – Akron\**

Dec. 8 **Holiday Celebration**  
*-- Wolf Creek Winery – Akron\**

Jan. 12 **PolyOne Corp.**  
 Innovation at PolyOne  
 Joint with ACCESS  
*-- Hilton Fairlawn – Akron\**

Feb. 9 **Sabic Innovative Materials**  
 Structural Foam Molding Processes  
 and Materials  
*-- Hilton Fairlawn – Akron\**

Mar. 9 **Thogus Molding, Tour**  
 Two part molding / Over molding  
*-- Avon Lake – Cleveland\**

Apr. 13 **Plastic Suppliers, Inc.**  
 Current Technology in Thin Gauge  
 PLA films  
*-- Hilton Fairlawn – Akron\**

May 18 **Akron Section Awards Night**  
*-- Firestone Country Club – Akron*

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

## Akron Section Board of Directors

Vivian Malpass 330-342-1120 T  
*Tek-Mark International* 330-342-1134 F  
 President/Chair, Technical Program, TopCon 2014  
 vivian.malpass@tek-mark.com

Keith Pelfrey 330-255-6557 T  
*GOJO Industries* 330-255-6114 F  
 President/Chair-elect, Technical Program  
 PelfreyK@GOJO.com

Dave Schultz 330-798-6535 T  
*Harwick Standard Dist. Corp.* 330-798-9328 F  
 Secretary schultzd@harwickstandard.com

Gary Taylor 330-334-5323 T  
*Retired* taylorgandc@gmail.com  
 Treasurer, House

Kevin Malpass 330-490-4743 T  
*Diebold, Inc.* 330-490-4788 F  
 Councilor, Prior Past-President kevin.malpass@diebold.com

Dan Jones 330-338-8029 T  
*Past-President* daniel.h.jones@sbcglobal.net

Matthew Crowder mjc71@zips.uakron.edu  
*Student - U Akron Polymer Eng.*  
 Director, Student Chapter SPE Liaison

Bob Wegelin 330-414-1498 T  
*Retired* robert.wegelin@att.net  
 Director, Education Foundation, House

Tony Dean 330-929-9916 T  
*Retired – Director, Public Interest,* francis@neo.rr.com  
 Website Manager, Newsletter Editor/Advertising

Kevin Cavicchi 330-972-8368 T  
*U Akron Polymer Engineering* 330-258-2339 F  
 Director, Student Chapter Advisor, Awards, Education kac58@uakron.edu

Robert Weiler 330-283-9024 T  
*Amfine Chemical Corp.* rweiler@amfine.com  
 Director, Membership

Mark Holtman 330-972-6008 T  
*U Akron Polymer Engineering* 330-258-2339 F  
 Director holtman@uakron.edu

Joe Mattingly 330-962-5299 T  
*Goodyear Tire & Rubber Co.* 330-896-7379 F  
 Director joe@mattingly.us

Tom McQuaide 330-630-7113 T  
*A. Schulman* 330-630-3349 F  
 Director Thomas\_McQuaide@aschulman.com

Martin Mensch 570-441-8951 T  
*Case Western Reserve Univ.* mwmensch@gmail.com  
 Director

Tom McQuaide 330-630-7113 T  
*A. Schulman* 330-630-3349 F  
 Director Thomas\_McQuaide@aschulman.com

Nicole Brostowitz 330-202-4466 T  
*Seaman Corp.* nbrostowitz@seamancorp.com

Jenny Digiantonio 330-806-6214 T  
*Retired* jenny.akronspe@aol.com  
 Newsletter



# 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*





The Polymer Modifiers and Additives Division of the Society of Plastics Engineers presents the:

# PMAD Challenge 2015

The PMAD CHALLENGE is a technical writing competition designed to encourage student members to participate in SPE activities as well as to promote scientific and engineering knowledge relating to plastics. Monetary prizes will be awarded to the winners (both undergraduate and graduate students) of the competition who demonstrate excellence in technical writing and scientific creativity. The PMAD Challenge is sponsored by the Polymer Modifiers and Additives Division (PMAD) of the Society of Plastics Engineers.

**Awards:** There will be three graduate student awards (\$2,000 for 1<sup>st</sup> Place, \$1,000 for 2<sup>nd</sup> Place, and \$500 for 3<sup>rd</sup> Place) and three undergraduate awards (\$2,000 for 1<sup>st</sup> Place, \$1,000 for 2<sup>nd</sup> Place, and \$500 for 3<sup>rd</sup> Place). If a winning undergraduate student wants to carry on the proposed research, an additional award of \$1000 will be granted to support the research. This should be indicated on the **Entry Form**. *As an incentive to improve the number of high-quality entries, PMAD is offering a FREE, one-year SPE membership (a \$144 value for new members) to the first five faculty members who are able to nominate 5 or more students to enter our contest (must be acceptable entries).*

**Entry Forms** and more details are posted on the SPE Website : [PMAD Challenge 2015 Link](#)

**Eligibility:** Any current college student (graduate or undergraduate) is eligible to enter the competition. All participants, whose submissions are accepted, will receive a free one-year student membership to SPE sponsored by PMAD.

**Deadline:** Submissions must be completed and received by email by midnight, Monday, May 4, 2015.





# Who Can Help You

## Society of Plastics Engineers

6 Berkshire Blvd., Ste 306, Bethel, CT 06801

Phone: +1 203.775.0471

[www.4spe.org](http://www.4spe.org)

Academic Outreach	Marjorie Weiner	+1 978.618.5496	<a href="mailto:mweiner@4spe.org">mweiner@4spe.org</a>
Annual Awards	Kathy Schacht	+1 203.740.5430	<a href="mailto:kschacht@4spe.org">kschacht@4spe.org</a>
ANTEC Booth Sales	Chuck Herrholtz	+1 770.576.4974	<a href="mailto:cherrholtz@naylor.com">cherrholtz@naylor.com</a>
ANTEC Conference Management	Barbara Spain	+1 203.740.5418	<a href="mailto:bspain@4spe.org">bspain@4spe.org</a>
ANTEC Paper Submission	Barbara Spain	+1 203.740.5418	<a href="mailto:bspain@4spe.org">bspain@4spe.org</a>
ANTEC Conference Sponsorship	Barbara Spain	+1 203.740.5418	<a href="mailto:bspain@4spe.org">bspain@4spe.org</a>
The Chain	Sarah Sullinger	+1 203.740.5425	<a href="mailto:ssullinger@4spe.org">ssullinger@4spe.org</a>
Change of address	Customer Relations	+1 203.740.5403	<a href="mailto:customerrelations@4spe.org">customerrelations@4spe.org</a>
Communications	Sarah Sullinger	+1 203.740.5425	<a href="mailto:ssullinger@4spe.org">ssullinger@4spe.org</a>
Communications Excellence Award	Kathy Schacht	+1 203.740.5430	<a href="mailto:kschacht@4spe.org">kschacht@4spe.org</a>
Conference Sponsorship (TopCons)	Sue Wojnicki	+1 203.740.5420	<a href="mailto:swojnicki@4spe.org">swojnicki@4spe.org</a>
Dues Renewals and New Members	Customer Relations	+1 203.775.0471	<a href="mailto:customerrelations@4spe.org">customerrelations@4spe.org</a>
Employment Advertising	+1 888.491.8833 At prompt please press 4. The extension is 1063		<a href="mailto:customerservice+64639@support.boxwoodtech.com">customerservice+64639@support.boxwoodtech.com</a>
Fellow & Honored Service Nominations	Kathy Schacht	+1 203.740.5430	<a href="mailto:kschacht@4spe.org">kschacht@4spe.org</a>
Governance Liaison	Kathy Schacht	+1 203.740.5430	<a href="mailto:kschacht@4spe.org">kschacht@4spe.org</a>
Managing Director	Russell Broome	+1 203.740.5471	<a href="mailto:rbroome@4spe.org">rbroome@4spe.org</a>
Membership Processing/Questions	Customer Relations	+1 203.740.5403	<a href="mailto:membership@4spe.org">membership@4spe.org</a>
Membership Programs/Retention	Sue Wojnicki	+1 203.740.5420	<a href="mailto:swojnicki@4spe.org">swojnicki@4spe.org</a>
Mobile App – SPE Events	Barbara Spain	+1 203.740.5418	<a href="mailto:bspain@4spe.org">bspain@4spe.org</a>
Pinnacle Award	Kathy Schacht	+1 203.740.5430	<a href="mailto:kschacht@4spe.org">kschacht@4spe.org</a>
<i>Plastics Engineering</i> magazine advertising	Roland Espinosa	+1 201.748.6819	<a href="mailto:respinosa@wiley.com">respinosa@wiley.com</a>



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

# 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**  
Tony Dean, Advertising Manager  
330-929-9916

---

**Website, E-Blast & Newsletter Advertising**

---

**Insertion Order 2014-15**

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 56<sup>th</sup> year of the Akron SPE Section and rates are for entire season, September 2014 – Summer 2015. **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](mailto:francis@neo.rr.com)**

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

<b>(please X)</b>	<b>Ad Size</b>	<b>Dimensions</b>	<b>Price for year</b>
	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.

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

### Geographic Section Member Groups - Network with local industry colleagues.

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

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

Recommended by (optional) \_\_\_\_\_ ID# \_\_\_\_\_