

# Polymer Valley News

**The Newsletter of the Akron Section of the Society of Plastics Engineers**  
*Our 56<sup>th</sup> Year of Education and Service to the Plastics Industry*

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## Technical Meeting

**Monday, November 10, 2014**  
**5:30 p.m.**

**ColorMatrix / PolyOne Corp.**  
**Hilton Inn**  
**3180 West Market Street**  
**Akron, Ohio 44333**

**The Latest Advancements to  
Process Mess Free Liquid Color**  
**Doug Brainard**  
**Director Key Accounts NA**



**ColorMatrix**

Have you had troubles running liquid color in the past? Hold those thoughts.....

At the Society of Plastics Engineers November meeting, we'll review why ColorMatrix's liquid technology (colors & additives) is one of the fastest growing additive platforms for plastics.

Doug Brainard started his career selling organic pigments with Sun Chemical in the 80s. He spent 18 years with Holland Colours in Sales & Marketing roles in NA, Brazil and Europe. He started with ColorMatrix Europe in 2006 and has had the opportunity to support ColorMatrix's organizations in a variety of management positions since. He is currently Director of Key accounts in NA.

## 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, Nov. 7 and can be made to Gary Taylor at [akronspe1@gmail.com](mailto:akronspe1@gmail.com) or 330-419-4280

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

**Coming Up:**

➤ **December 8 –  
Holiday Celebration**

Nov. 2014, Page 1



# President's Message

Welcome again to the 2014-2015 SPE year. We had a late addition on September 8 to this year's Technical Program which was organized by our Cleveland Section. It featured a tour of A. Schulman's Technical Innovation Center in Akron followed by a talk by Tom McQuaide on their Analytical and Physical Testing capabilities at the Sheraton Suites in Cuyahoga Falls. Tom covered all their testing capabilities and shared some case studies of successful application of their testing techniques.

Our 11<sup>th</sup> TPE TopCon has just been held in the Akron Hilton Inn from Tuesday, September 16 through Thursday, September 18. We again had a very strong varied technical program of 25 papers with 16 exhibitors and two Keynote lunch speakers. A late addition to the program was a Student Poster Session featuring students from Case Western Reserve University. We heard the latest in TPE materials, applications, processing, design and global marketing and had two excellent lunch Keynote speakers in Rene Polin and Mark Herrema. Rene's talk was on design and branding and building lasting relationships with your customers. Mark described his revolutionary new company Newlight Technologies which converts the carbon in naturally occurring methane gas into commercial polymers. We were pleased with all the presentations and exhibits and with the attendance of over 160 attendees

On Monday October 13<sup>th</sup>, we have a lunchtime tour and talk at Nottingham Spirk, a premier design house in Cleveland, followed by lunch. We look forward to seeing you all there!!

Viv Malpass, 330-342-1120, 330-802-9428©

President 2014-2015 Akron Section of SPE vivian.malpass@tek-mark.com

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## 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)

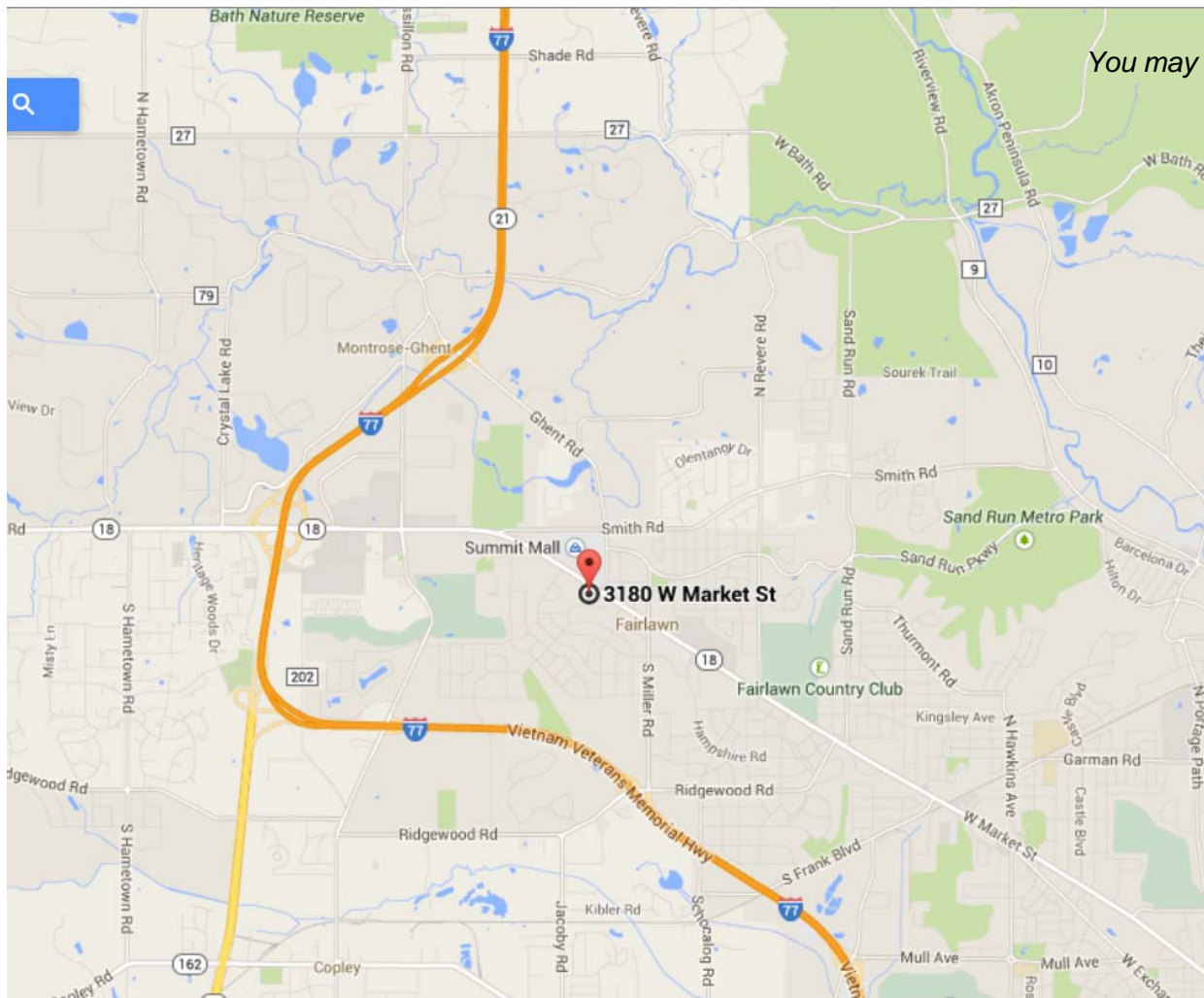
Exit at #133 – Ridgewood/Miller Rd. Go straight through the exit for approximately 2 miles. Turn left on Market Street (2 blocks). The Hotel is located on the left

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	15
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Dover Chemical	2
Kuraray America	14
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Struktol	12

Picture your ad here .....

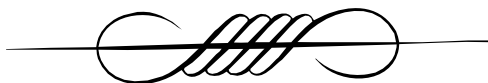
And also on our updated web site:  
[www.akronspe.org](http://www.akronspe.org)

## 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

*56 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



## Councilor's Corner

### 1. Financial Performance as of August 2014.

- SPE made a loss of 88 k\$ in the month of August, composed out of an operational loss of 67 k\$; whilst the Foundation decreased its funds with 21 k\$.
- August was a rather 'weak' month on the revenue side (as always in this time of the year), although we received some money from Topcons.
- On the expense side there were some additional services related to investments, HR, management, ...
- The YTD situation is now getting 100% in line with budget, as we predicted.
- A forecast for the complete year has been made, together with a draft budget for 2015.
- CASH: our available cash has further decreased with about 96 K from 488K \$ to about 392 K \$. It is expected that our cash will decrease further, since we have quite some cash at hand from Topcon registrations (which has to be paid to the organizing group) and therefore we decided to wait in paying back a part of the loan.

CASH opening position	488.237 \$
CASH closing position	392.392 \$
delta CASH	-95.845 \$
Cash delta in Operations	-183.589 \$
Cash delta Sec/Div operational money	84.914 \$
Loan withdrawal (+) or pay back (-)	- \$
Others	2.830 \$
	-95.845 \$
Investment Account @ 1/1/2014	1.321.596 \$
Loan (against investment account) @ 1/1/2014 incl pay-back or extra loan, no interest	-242.504 \$

### 2. SPE Financial Housekeeping: Gary Taylor

- Treasurer: It is a requirement to have a Treasurer. That person should be someone other than the Chair. The Treasurer should be elected by the group's board. For Sections and Divisions with yearly revenues higher than \$100,000, we recommend you have a co-Treasurer or assistant Treasurer.

- Bank account(s): Your group is legally required to have a bank account in the name of the Section or Division (e.g.: Society of Plastics Engineers Injection Molding Division). We recommend having at least two different members have access to the account statements and both should review account statements every other month at a minimum.

- Payment Authorization: SPE recommends that you to have two signatory requirements for payments above \$2,000 USD.

- Reporting: SPE recommends that your group's Treasurer present a financial report of all expenses and revenues at every board meeting. This financial report should be complemented with a cash statement, which reflects all account statements, and includes copies of the actual bank statements.

Audit: SPE encourages that all Sections and Divisions with yearly revenues above \$100,000 USD / year or financial assets above \$250,000 USD, have an external audit once a year. For Sections and Divisions with revenues below \$100,000 USD / year, SPE suggests having an internal audit performed by a person other than the Treasurer, Chair or any member who has access to the account.

## Councilor's Corner (cont.)

### 3. *SPE Divisions & Section Combined Meeting Notes: (See attachment)*

Also, If you know of an individual who would be interested (or if you are interested) that we could recommend to the Nominating Committee as an SPE Vice President candidate....PLEASE send me their name! It would be great if you could first check with that person (or with yourself) to make sure that they are willing to be recommended for nomination. Here are the requirements for an individual to be eligible for recommendation / nomination:

Eligibility for nomination is extended to any Distinguished Member, Fellow of the Society, Honored Service Member, Senior Member or Member who meets at least one of the following requirements:

Is currently serving, or has served within the past three years, as the Councilor of a Division, the Chair of a Division, or the Chair of the Divisions Committee, or

Is currently serving, or has served within the past five years, one or more full years as Chair of a Society-level standing committee or ad hoc committee, or

Is currently serving or has served within the past five years, as operating or technical program Chair of a Society-sponsored conference (e.g., ANTEC, EUROTEC).

This may be a self-recommendation, or the recommendation of a fellow member of the Society *provided approval has been received from the candidate.*

### 4. *Policy 009: Use of Society Name ( See Attachment )*

### 5. *Link to all Council meetings and presentations: if you are interested*

Most of the presentations are now available for you to view on the Council Extranet. The presentation given by Bill Carteaux is forthcoming and will be available on the Council Extranet later this week. For your convenience, please find the login information below.

The following is the login and password for the Councilor access to the extranet:

User: council

Password: plastics1!

<http://extranet.4spe.org/council>

Respectfully submitted,

*Kevin Malpass*

Akron SPE Section Councilor 2014-2016



## Membership Report

As of September, Akron section has 279 active members. Twelve new members this month.

*Membership chair, Robert Weiler*



# Highlights of TOPCON 2014 – September

*Akron Univ. students  
Jialin Qiu (left) and  
Nicole Brostowitz  
helping with registration*



*Exhibit*



*Conference*



*Moderator Tom Bell (left) and  
Speaker Paul Andersen*



# Highlights of TOPCON 2014 – September

*Exhibits*



*Mike Fulmer (right)*



# Highlights of TOPCON 2014 – September

*Paul Andersen, Past President of SPE Int. (left) and Vijay Boolani, Current President of SPE Int.*



*Scott Marko from SPE Int. (left) and Akron SPE Secretary Dave Schultz*



*Dick Cameron SPE Int. President-elect (left) and Akron SPE President Vivian Malpass*



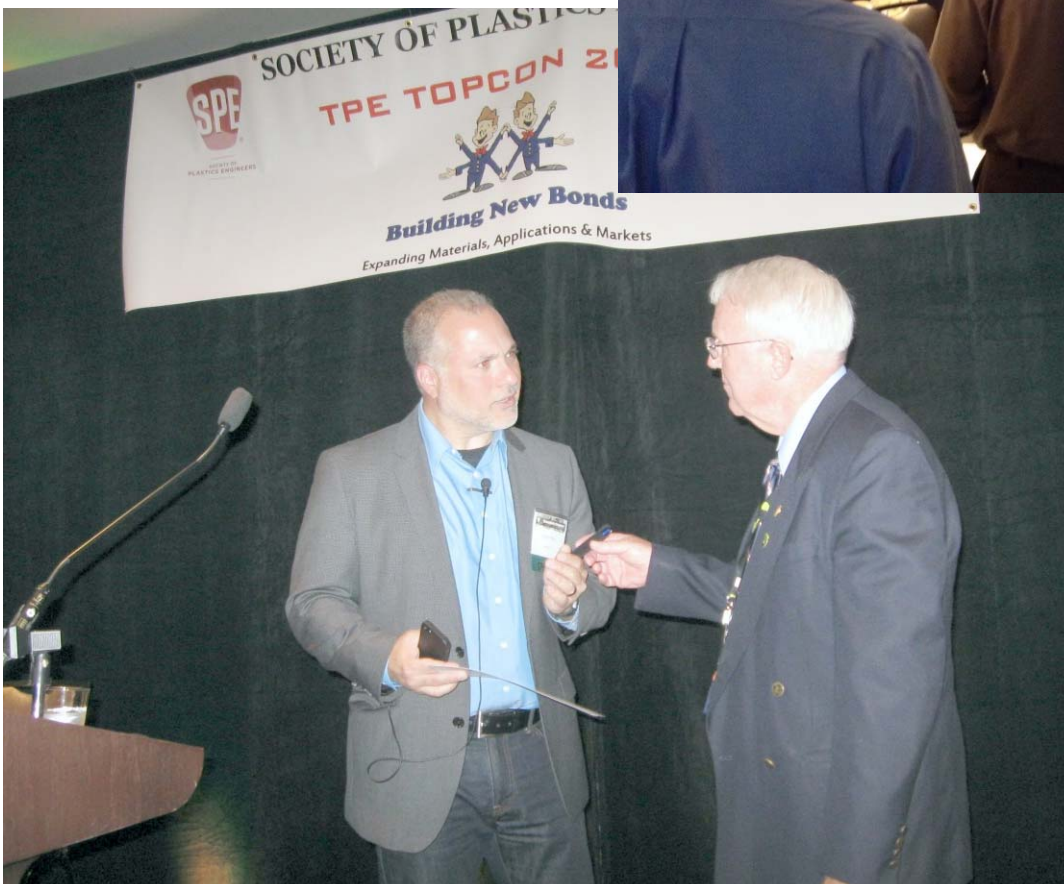
# Highlights of TOPCON 2014 – September



*Mark Herrema (left) Keynote  
Thursday with Vivian Malpass*



*Mark Herrema of Newlight  
Technologies answers  
questions after speech*



*Wednesday Luncheon  
Speaker Rene Polin (left)  
of Balance Product  
Development, Inc.*

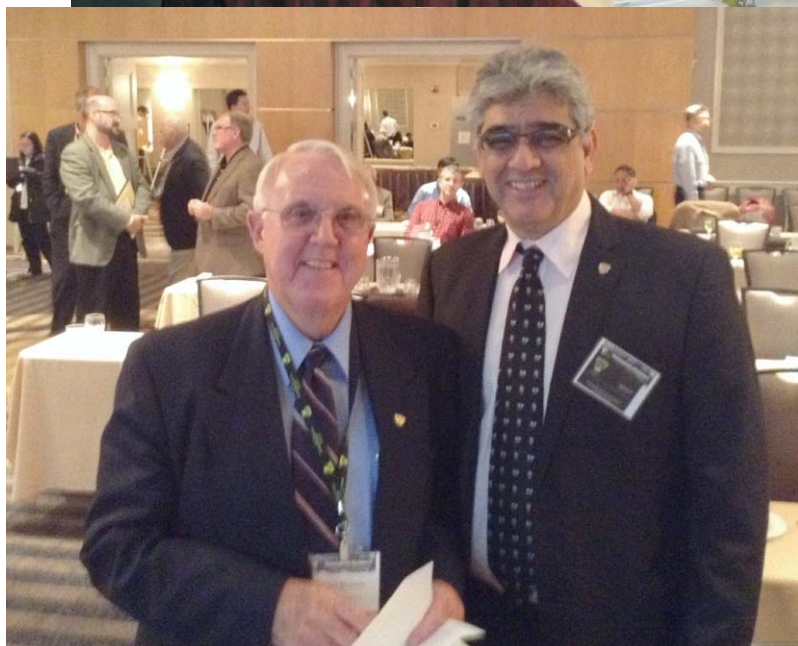


## Highlights of TOPCON 2014 – September

*Meeting with Dick Cameron  
(second from right) SPE Int.  
President-elect*



*Wine and Cheese Reception*



*Vijay Boolani, President of SPE Int.  
(right) and Vivian Malpass,  
President of Akron Section SPE*





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**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 22)**

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

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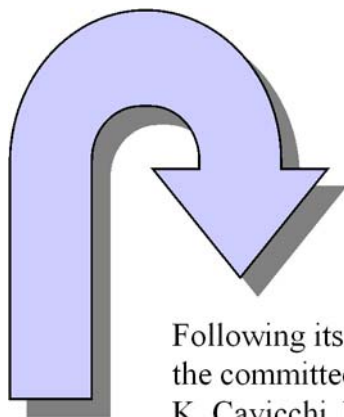
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## New Directions Initiative



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.

**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.

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# Minutes of Board Meeting – September 29, 2014

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

**Present:** Viv Malpass, Dan Jones, Keith Pelfrey, Dave Schultz, Joe Mattingly, Gary Taylor, Bob Wegelin, Robert Weiler, Mark Holtman and Kevin Cavicchi

**Absent:** Tony Dean, Kevin Malpass, Martin Mensch and Matt Crowder

Viv Malpass called meeting of BOD for 2014-15 Akron Section SPE and provided his Agenda format for the year below:

## Organization

- Section Goals
- Leadership
- Committee Members/Assignments

## Reports

- Technical Program -- Keith Pelfrey
- House -- Bob Wegelin
- Membership -- Rob Weiler
- Treasurer -- Gary Taylor
- Councilor -- Kevin Malpass
- Student Chapter -- Matt Crowder

- Public Interest/Website -- Tony Dean
- Newsletter -- Tony Dean
- Awards -- Dan Jones
- Education Committee -- Kevin Cavicchi
- Education Foundation -- Bob Wegelin
- TPE TOPCON -- Viv Malpass

## Old Business

- Recruitment
- New Member Recognition

## New Business

- 2015 Vinyl TOPCON -- Rob Weiler

## Organization

Section Goals - Viv informed that he has reviewed past Pinnacle Awards and is in the process of setting this year's Section Goals-- will be consulting with Dan Jones and Keith Pelfrey for additions as well as BOD- Key Action item for Dec 2014.

BOD Meetings - reconfirmed Outlook meeting request sent by Kevin Malpass for Viv Malpass - will be at end of month for year 2014-15. New contact information has been placed into system for Martin Mensch-Lubrizol and Matt Crowder-PESO.

Leadership - BOD is set for 2014-15. Making progress with getting new Members for BOD and Committees — Education, 2015-16 Technical Program, Awards and PR/Website Committees need members.

New Members - Tom McQuaide – Project Manager at A. Schulman visited the BOD to determine interest. We welcomed Tom to our meeting. He has determined, after involvement this evening, that he would like to join our Board. Welcome – Tom McQuaide. He will determine which area he would like to work in to aid our very active BOD—see BOD Leadership needs above.

Mike Fulmer – Struktol, Product Manager Plastics Additives plans to attend October BOD.

BOD Meeting - Oct 27 will be run by Keith Pelfrey in Viv's absence. Kevin Cavicchi informed will review current parking at U of A - re PESO.



# Minutes of Board Meeting – September 29 (*cont.*)

## **Secretary: Dave Schultz**

Minutes for August were disseminated for further review and approved. Joe Mattingly informed that he recently attended Cleve. Section BOD-- would be good to have joint meeting with Cleve Section new Board to help on learning curve.

## **Committee Reports**

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

Keith provided latest information on the Program that is set for the year:

October 13- Lunch venue at Nottingham-Spirk a high end industrial engineering and design company for Product Development located on east side of Cleveland --limited to 50.

Nov 10- Color Matrix- PolyOne Program at Hilton- Westside Akron

Dec 8- Holiday Celebration- Wolf Creek Winery limited to 48

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

Bob Wegelin and Gary Taylor will share house duties for year- meetings set for Hilton-Akron --will be at different room locations based on amount of attendees.

### **Membership: Rob Weiler**

Bob reports membership at 279 members-- new include U of Akron Polymer Engineering students and TPE TOPCON sign ups.

Determined need to attempt to locate and contact large group most recently available as graduates- request help from Prof Cavicchi and Intl SPE.

New Member name tags will be differentiated with red dots/stars at upcoming meetings plus introductions.

### **Treasurer: Gary Taylor**

Gary reviewed last years' completed finances and informed will soon be filed along with Budget for 2014-15 year. Reviewed details of transactions as well. Need to consider review of maximum amounts available in accounts- potentially available for Education Foundation.

Taxes as well have been filed. We also reviewed Intl. SPE comments as to current thoughts on Section financial responsibilities – will be further reviewed and modified accordingly.

### **Councilor: Kevin Malpass**

Kevin has provided his report for BOD to review.

Kevin has requested BOD members supply him items of interest after review and for future Council meetings.

### **Student Chapter: Matt Crowder - PESO Liaison**

Interest to try to attract more student SPE members and to have added involvement in Section meetings and by local SPE members in PESO functions. Need calendar of events as developed.

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

Web site is set for new year.

Need to get added advertisers for year with current advertisers including: David Industrial Sales, Dover Industrial Chemicals, Akron Polymer Training Center and Struktol Corp, plus Polysort.

Nicole Brostowitz- student U of A/PESO web designer has asked for feedback on current website.

BOD decided that we need to develop a PR article informing local Akron and surrounding areas about SPE Akron Section- very active, Awards and particularly monies over past many years for Scholarships.

BOD decided that we need to develop a PR article informing local Akron and surrounding areas about SPE Akron Section - very active, Awards and particularly monies over past many years for Scholarships.

# Minutes of Board Meeting – September 29 (*cont.*)

## **Newsletter: Tony Dean**

Jenny D. doing excellent job. Needs BOD inputs on monthly basis.

## **Awards: Dan Jones**

Dan in process of gathering information for Intl SPE awards for section members- target date Nov 1, plus will be advertising in Newsletter and website for Hall of Honor candidates for local Section awards in May 2015.

## **Education Committee: Kevin Cavicchi**

He is set for Scholarships and Science Fairs for this school year but always looking for new ideas and new Committee Members as we branch out in educational outreach.

Awaiting transcripts from scholarship recipients then will be informing Education Foundation –Chair for monies to be sent out to the 7 students.

## **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 2014-15 year.

## **TPE TOPCON: Viv Malpass**

Viv reports the TOPCON was a success and thanked all those involved for hard work and diligence, final numbers are in report to be written.

We had a total of 160 attendees (including sponsors, table tops and speakers).

SPE Intl. office will be sending out list of attendees and Survey Monkey Review.

Wrap-up meeting set for Oct 8 for TOPCON Committee.

## **Old Business**

Recruitment—New BOD members being added—more needed.

## **New Business**

2015 Vinyl TOPCON -- Rob Weiler

Vinyltec 2015 per Bob Weiler-Vinyl Div- is set for Akron to co-host October 13-15 in Akron Action - Viv Malpass and Bob Weiler to get together to develop Akron Section and Vinyl Division responsibilities and supporting paperwork for bid for TOPCON. Vinyl Div – Liaison –Bob Weiler Akron Section needs to set up Committee to handle logistics. Hotel is set- Hilton Akron Inn. Review current check list. Dan Jones to attend in Indianapolis- Vinyltec 2014- TPC Meeting representing Akron Section on Oct 23- Thursday

Webinars of monthly technical meetings – Dan Jones

- Dan Jones reported no progress, but would continue to try to develop in new SPE year.

## **Adjournment**

Meeting was adjourned at 7:00 p.m.

The next meeting of the Akron SPE Board of Directors will be October 27, 2014 at the Univ. of Akron Polymer Engineering Center at 5:30 p.m.



# Minutes of Board Meeting – October 27, 2014

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

**Present:** Dan Jones, Keith Pelfrey, Dave Schultz, Gary Taylor, Bob Wegelin, Robert Weiler and Tom McQuaide

**Absent:** Tony Dean, Joe Mattingly, Kevin Malpass, Martin Mensch, Matt Crowder, Mark Holtman and Kevin Cavicchi

We welcomed Rick Keeley from Cleveland Section as Pres-Elect as he had interest to review interworkings of Akron Section-BOD.

Keith Pelfrey called meeting of BOD for Viv Malpass and provided his Agenda format below:

## Organization

- Section Goals
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- Committee Members/Assignments

## Reports

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- Education Foundation -- Bob Wegelin
- TPE TOPCON -- Viv Malpass

## Old Business

- Recruitment
- New Member Recognition

## New Business

- Technical Program 2015-16
- 2015 Vinyl TOPCON -- Rob Weiler

## Organization

Section Goals - Viv and Dan Jones along with Keith Pelfrey have worked on fine tuning Workplan for Akron Section- reviewed their input with a few minor modifications.- Dan will review final comments with Viv Malpass and Keith Pelfrey prior to submitting.

Pinnacle Award has been filled out with BOD input by Dan Jones- will review with Viv Malpass and Keith Pelfrey prior to submitting.

BOD Meetings - Keith informed he felt that we as an Akron Section are about Continuing Education the experiences of a very diverse industry and the Education of students that leading into new leadership.

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

New Members - Tom McQuaide – He will determine which area he would like to work in to aid our very active BOD—see BOD Leadership needs above.

Mike Fulmer – Struktol, Product Manager Plastics Additives has informed his interest.

# Minutes of Board Meeting – October 27 (*cont.*)

## **Secretary: Dave Schultz**

Minutes for September were disseminated for further review and with minor additions and approved.

## **Committee Reports**

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

Keith informed that October 13- Lunch venue at Nottingham-Spirk went very well with 50 attending:

Nov 10- Color Matrix- PolyOne Program at Hilton- Westside Akron – all set

Dec 8- Holiday Celebration- Wolf Creek Winery limited to 48.

Need to set up Program Committee for year 2015-16 as we start to look forward with an increased amount of diversification in our programming- appears to be pay off with increased interest at both Cleve and Akron Section and joint meetings.

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

Bob Wegelin and Gary Taylor will share house duties for year- meetings set for Hilton-Akron --will be at different room locations based on amount of attendees.

Interest noted by membership to be able to pay onsite- checking with Intl SPE.

### **Membership: Rob Weiler**

Bob reviewed membership numbers typically since his involvement have fluctuated around 300 with students and retirees making up that +- value. We have determined we will actively determine how best to track students and retirees after graduation and retirement as they are both valuable assets to our society.

New Member recognition considering addition to name tags red dots/stars at upcoming meetings plus intros.

### **Treasurer: Gary Taylor**

Gary reviewed activity to date.

Need to consider review of maximum amounts available in accounts- potentially available for Education Foundation.

We also reviewed Intl. SPE comments as to current thoughts on Section financial responsibilities – in process of further review and modification.

### **Councilor: Kevin Malpass**

Kevin has provided his report for BOD to review.

### **Student Chapter: Matt Crowder - PESO Liaison**

Interest to try to attract more student SPE members and to have added involvement in Section meetings and by local SPE members in PESO functions.

Need calendar of events as developed- Kevin Cavicchi we need your help and input.

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

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

Web site is set for 2014-15 year.

Need to get new advertisers for year with current advertisers including: David Industrial Sales, Dover Industrial Chemicals, Akron Polymer Training Center and Struktol Corp plus Polysort.

Nicole Brostowitz- student U of A/PESO web designer has asked for feedback on current website.

BOD decided that we need to develop a PR article informing local Akron and surrounding areas about SPE Akron Section- very active, Awards and particularly monies over past many years for Scholarships.



# Minutes of Board Meeting – October 27 (*cont.*)

## **Newsletter: Tony Dean**

Jenny needs BOD inputs on monthly basis.

## **Awards: Dan Jones**

Dan in process of gathering information for Intl SPE awards for section members- target date Nov 1, plus will be advertising in Newsletter and website for Hall of Honor candidates for local Section awards in May 2015. Dan will confirm with Intl for future years review Honored Service and Fellows for Akron Section.

## **Education Committee: Kevin Cavicchi**

No report.

## **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.

Checks have been sent out to 7 Scholarship students.

Suggested money raising event for 2014-15 year.

## **TPE TOPCON: Viv Malpass**

Rick Keeley informed that he has heard the at local chapter of AIChE has a renewed interest to meet with Cleve/Akron Section.

## **Old Business**

Recruitment—New BOD members being added—more needed.

## **New Business**

2015 Vinyl TOPCON -- Rob Weiler

Vinyltec 2015 per Bob Weiler-Vinyl Div- is set for Akron to co-host October 13-15 in Akron.

Contract has been reviewed by Vinyl Div. and Akron, signed by both and sent to Intl for review and approval.

Bob Wegelin will forward Hotel contract.

Need to convene a meeting- Viv to set date with Bob Weiler, soon of Vinyl Div and Akron Section Committee to review rules of engagement as we move forward.

David Schultz attended early week TPC meeting in Indianapolis at Vinyltec 2014.

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 6:55 p.m.

The next meeting of the Akron SPE Board of Directors will be November 24, 2014 at the Univ. of Akron Polymer Engineering Center at 5:30 p.m.

# 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 **Earth First Plastics** (plastics supplier)  
 Sustainability of Plastics  
*-- Hilton Fairlawn – Akron\**

May 18 **Akron Section Awards Night**  
*-- Hilton Fairlawn – Akron*

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

## Akron Section Board of Directors

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 kevin.malpass@diebold.com

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 daniel.h.jones@sbcglobal.net

Matthew Crowder mjc71@zips.uakron.edu  
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 Director, Student Chapter SPE Liaison

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 robert.wegelin@att.net

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 Director, Student Chapter Advisor, Awards, Education  
 kac58@uakron.edu

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

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 Thomas\_McQuaide@aschulman.com

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





## 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 Akron Section of the Society of Plastics Engineers (SPE)**

## **Education Committee**

Announces:

### **2015 Essay Contest**

First prize: \$100

Second prize: \$50

Sponsoring teacher: \$50

**Please see attached entry form:**

Entries due Feb 13, 2015

### **2015 Scholarship Awards**

From \$250 – \$3,000 awarded per student annually

For undergraduate students interested in  
polymer/plastics careers

Entries due March 13, 2015

**Contacts below or [www.akronspe.org](http://www.akronspe.org) for forms and rules**

### **For more information contact:**

Robert Wegelin	330-414-1498	<a href="mailto:robert.wegelin@att.net">robert.wegelin@att.net</a>
Dr. Kevin Cavicchi	330-972-8368	<a href="mailto:kac58@uakron.edu">kac58@uakron.edu</a>





## 2015 "Wonders of Plastics" Essay Contest

The Akron section of the Society of Plastics Engineers (SPE) is pleased to announce the 2015 "Wonders of Plastics" essay contest.

### Eligibility

The contest is open to all middle/junior high and high school students. The essay must be sponsored by one of the students' teachers.

### Prizes

First place high school essay - \$100

First place middle/junior high school essay - \$100

The sponsoring teacher of each winning essay will receive \$25

The winning essays will be printed in the Akron Section's Newsletter.

### Topics to consider

Advantages of plastics in food packaging

Creative use of recycled plastics

How plastics benefit humankind

How plastics improve our lifestyle

Plastics in the environment

Plastics usefulness in society

What plastics has done for me

Why the bad reputation of plastics is wrong

### Submit your Essay to

Polymer Engineering  
The University of Akron  
Attn: Kevin Cavicchi  
250 S. Forge St  
Akron, OH 44325-0301

**Questions may be directed to the Akron SPE Education Committee chair, Kevin Cavicchi by phone or email.**

**Tel:** 330-972-8368 | **Fax:** 330-258-2339

**Email:** kac58@uakron.edu

**Entry must be postmarked by January 31<sup>st</sup>, 2015!**

## REQUIREMENTS FOR SUBMISSION

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### General

Length:	Between 500 and 1,000 words
Format:	Typewritten in English on 8 ½ x 11 paper, title to appear as heading on each page; no name on any page except the entry form that must accompany each essay; 1-inch margins minimum on all sides
Authors:	The essay may be written individually or co-authored by two students
Deadline:	January 31 <sup>st</sup> 2015 (postmarked)

### Organization

The organization structure of the essay should be “logical,” including the following considerations:

Introduction:	Optional
Thesis:	Several sentences
Development:	This section should be several paragraphs and should discuss the theme, analyze it, feature informal research about the theme, etc.
Conclusion:	This section should be at least one paragraph in which the author summarizes the ideas presented in the essay

### Mechanics

Spelling should be correct; syntax should be readable; punctuation should be conventional. Essay should be free of sentence fragments. Diction (word choice) should be appropriate to the subject and the writer’s understanding of the topic. Point of view should be appropriate to the topic/subject and remain constant and consistent. A mixture of first and third person is acceptable if it is appropriate to the voice of the essay. However, the use of second person (“you” either stated directly or implied) will change the “voice” of the essay in a manner damaging to its effectiveness. Footnotes and references must be included when necessary.

### Judging

Essays will be judged by a panel. In order to be judged, the essay must meet all the conditions as stated in the organization and mechanics above, with only incidental errors in mechanics. The essay must also meet the assigned minimum length and must be submitted following the prescribed format.



## ENTRY FORM

---

Title: \_\_\_\_\_

By: \_\_\_\_\_  
type or print

### *about the author(s)*

Name(s) \_\_\_\_\_ age \_\_\_\_\_  
\_\_\_\_\_ age \_\_\_\_\_

Grade in School \_\_\_\_\_

Address(es) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Number(s) \_\_\_\_\_

E-mail(s) \_\_\_\_\_

### *about the school*

School \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone/Fax \_\_\_\_\_

Teacher \_\_\_\_\_

Class \_\_\_\_\_

### **Submit your Essay to**

Polymer Engineering  
The University of Akron  
Attn: Kevin Cavicchi  
250 S. Forge St  
Akron, OH 44325-0301

**Tel:** 330-972-8368 | **Fax:** 330-258-2339

**Email:** kac58@uakron.edu

**Entry must be postmarked by January 31<sup>st</sup>, 2015!**



# 2015 Scholarship Application & Renewal Akron Section - Education Foundation

1. Applicant Name: \_\_\_\_\_
2. Your Home Address: \_\_\_\_\_  
City: \_\_\_\_\_ Zip: \_\_\_\_\_ Home Phone: \_\_\_\_\_
3. Your Address at School: \_\_\_\_\_  
City: \_\_\_\_\_ Zip: \_\_\_\_\_ School Phone: \_\_\_\_\_  
Your Email address: \_\_\_\_\_
4. Current School: \_\_\_\_\_  
Course of Study: \_\_\_\_\_  
Cumulative GPA: \_\_\_\_\_
5. School/College to be attended: \_\_\_\_\_  
Proposed Course of Study/Major: \_\_\_\_\_  
Expected Degree: \_\_\_\_\_ Expected Graduation Year: \_\_\_\_\_

## **New Applicants Only, please continue:**

6. Please briefly describe how you intend to finance your education: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Current and Past School Activities: (attach separate sheet or resume if necessary – 1 page only please)\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. On a separate sheet of paper, type a short discourse (no more than two pages) describing your enthusiasm and interest in pursuing a career in plastics, as well as how your intended field of study will help you achieve your career goals.
9. Have **two** (and only 2) academic references (instructors or supervisors) provide the committee with a letter documenting their insights on your scholastic achievements and potential for future success in the fields of plastics and polymers. Attach these references to this application.

**All applications must include a current transcript.**

**All Applicants return application by March 20<sup>th</sup>, 2015 to the following address:**

**Akron SPE  
Attn: Kevin Cavicchi  
250 S. Forge St  
Akron, OH 44325-0301**

For questions, please contact Kevin Cavicchi, phone: 330-972-8368, or email [kac58@uakron.edu](mailto:kac58@uakron.edu)





# AKRON SECTION SOCIETY OF PLASTICS ENGINEERS



## NOMINATION FORM FOR ELECTION OF CANDIDATES TO THE PLASTIC HALL OF HONOR

Election to the **Plastics Hall of Honor** is conferred upon Akron area men and women who meet the following criteria

1. Displayed exceptional effort and accomplishment in the field of Plastics, and Polymers.
2. Displayed extraordinary dedication over many years that has contributed to the growth of the plastics industry.
3. Has not received national or international recognition.

The **Plastics Hall of Honor** seeks to recognize individuals for their quiet service, loyalty, and support over the years. They are the unsung heroes, the everyday foot soldiers of our industry - area employers, employees, and educators whose accomplishments are lacking only in recognition.

If you personally know such a deserving candidate, please forward your nomination to the selection committee, using this or any mailer.

Name of Nominee (include title) \_\_\_\_\_

Address \_\_\_\_\_ Phone No. \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Zip code \_\_\_\_\_

Present affiliations (Plastics, including dates and positions held) \_\_\_\_\_

Former affiliations (Plastics, including dates and positions held) \_\_\_\_\_

Specific contributions (Patents, publications, etc. to plastics industry) \_\_\_\_\_

Related Plastics activities (Clubs, Organizations) \_\_\_\_\_

Brief statement supporting the candidate (Attach additional pages, if necessary) \_\_\_\_\_

### Membership in SPE not required to Nominate or to be Nominated

Name of Nominator \_\_\_\_\_ Signature \_\_\_\_\_  
Address \_\_\_\_\_ Phone \_\_\_\_\_

**PLEASE MAIL THIS FORM TO ARRIVE BY APRIL 24, 2015 to:**  
**Bob Wegelin                      13206 Kaufman Ave. NW                      Hartville, OH 44632**  
**PHONE: 330-414-1498**

**E-mail questions to [robert.wegelin@attl.net](mailto:robert.wegelin@attl.net)**

*Nominate a co-worker, employer, teacher, media person, leader, or any unsung hero who deserves this honor!*  
Honorees will be installed in the Plastics Hall of Honor at the Annual SPE awards night 2014  
Their names and photographs will be displayed in the Plastics Hall of Honor within the University of Akron

*Nominate a co-worker, employer, teacher, media person, leader, or any unsung hero who deserves this honor!*



## Who Can Help You Society of Plastics Engineers

13 Church Hill Road, Newtown, CT 06470

Phone: +1 203-775-0471

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

Academic Outreach	Gail Bristol	+1 203-740-5447	<a href="mailto:grbristol@4spe.org">grbristol@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>
Book Orders	Bonnie Kaczowski	+1 203-740-5428	<a href="mailto:bakaczowski@4spe.org">bakaczowski@4spe.org</a>
Change of address	Customer Relations	+1 203-775-0471	<a href="mailto:customerrelations@4spe.org">customerrelations@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	+1 203-740-5471	<a href="mailto:swojnicki@4spe.org">swojnicki@4spe.org</a>
Corporate Outreach	Gail Bristol	+1 203-740-5447	<a href="mailto:grbristol@4spe.org">grbristol@4spe.org</a>
Dues billing & payments	Customer Relations	+1 203-775-0471	<a href="mailto:customerrelations@4spe.org">customerrelations@4spe.org</a>
Employment Advertising		+1 888-491-8833 Ext. 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>
Marketing/Membership Director	Tom Conklin	+1 203-740-5453	<a href="mailto:tconklin@4spe.org">tconklin@4spe.org</a>
Membership Processing/Questions	Customer Relations	+1 203-775-0471	<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>
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	+1 908-748-6819	<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	Gail Bristol	+1 203-740-5447	<a href="mailto:grbristol@4spe.org">grbristol@4spe.org</a>
SPE Industry Resource Guide	Gail Bristol	+1 203-740-5447	<a href="mailto:grbristol@4spe.org">grbristol@4spe.org</a>
Student Chapters	Scott Marko	+1 203-740-5442	<a href="mailto:smarko@4spe.org">smarko@4spe.org</a>
Submission of editorial material for <i>Plastics Engineering</i> ; questions regarding SPE journals	Gail Bristol	+1 203-740-5447	<a href="mailto:grbristol@4spe.org">grbristol@4spe.org</a>
Topical Conference Planning	Sue Wojnicki	+1 203-740-5420	<a href="mailto:swojnicki@4spe.org">swojnicki@4spe.org</a>
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Webinar registration	Bonnie Kaczowski	+1 203-740-5428	<a href="mailto:membership@4spe.org">membership@4spe.org</a>
Website Administration	Pedro Matos	+1 203-740-5438	<a href="mailto:pmatoss@4spe.org">pmatoss@4spe.org</a>



# SPE MEMBER BENEFITS GUIDE



FREE TO MEMBERS

SAVINGS 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>	
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	<a href="http://www.4careersolutions.org">www.4careersolutions.org</a>
	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

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### Website, E-Blast & Newsletter Advertising

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#### Insertion Order 2014-15

Polymer Valley News: Akron Section SPE Newsletter  
Delivered via email, stored at <http://www.akronspe.org/newsletter.htm>

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Please check ad size wanted. One column is 3-7/8" wide.

This is the 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!

(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