



# The SPECTRUM

MIAMI VALLEY SECTION  
SOCIETY OF PLASTICS ENGINEERS

**Vol. 31 No. 5**  
**February 2003**

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## FEBRUARY MEETING INFO

### PERFORMANCE AND PROCESSING WITH FILLERS AND ADDITIVES IN THERMOPLASTICS.

*Dwight Prince, General Polymers, Senior Technical Service Representative*



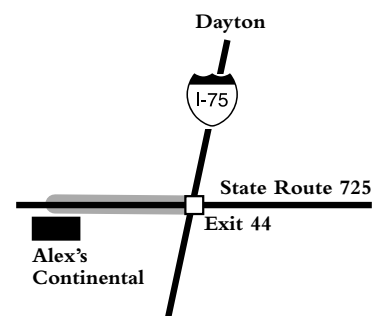
Materials night for the Miami Valley SPE will include; Material Selection, choosing the correct material for the application, how to rank the requirements, the data sheet, and what each item means to you. The second part will include a discussion of amorphous and crystalline materials, what they mean to you in the selection process and how they affect you in trouble shooting your jobs. The final part of our discussion will involve new materials that are coming to market and their fit in your plastic world!

Dwight Prince is a Senior Technical Service Representative who has been employed by General Polymers, covering the Ohio, Kentucky and Indiana areas for 14 years. He has been working in the plastics industry for the past 26 years. In serving the General Polymers customers in this time frame his expertise includes injection molding trouble shooting, material selections, part design, and all aspects of injection molding that affect the success of our customers. This combination includes working with industry leading plastics producers in the distribution of over 4000 different grades of thermoplastics.

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# Miami Valley Section Society of Plastics Engineers, Inc.

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Mickey Brandon  
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### Recycling

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### RETEC

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### Special Events

Mickey Brandon  
Paul Moore

## www.mvspe.org

Go to [www.mvspe.org](http://www.mvspe.org) if you are interested in receiving an e-newsletter and NOT a printed copy. Fill out the contact info and hit the submit button.

The screenshot shows the Miami Valley Section website with a contact form. The form includes fields for Name, Address, City, State, and Zip, as well as a Member ID field. There are also checkboxes for 'Printed Information' and 'Printed Name'. The website header features the Society of Plastics Engineers logo and the text 'Miami Valley Section'.

## CALENDAR OF EVENTS

<b>Feb.6</b>	Dayton/Alex's Additives, fillers, blowing agents
<b>Mar. 6</b>	Cin./Marriott Union Centre Taking the fear out of OSHA
<b>April 3</b>	Dayton/Alex's Student Night/Economic Development
<b>May 1</b>	Plant tour Comet Automation - weigh blenders, loaders, dryers, conveying equip.
<b>June 9</b>	Golf outing Hamilton Elks
<b>June 22-26</b>	Chicago NPE'03

## MEETING NOTICE DETAILS

MEETING DATE: FEBRUARY 6, 2003  
Advance Reservation required by February 4, 2003  
To reserve, call or fax:

Dick Hauck	Mickey Brandon
Cincinnati	Dayton
513-871-5544	937-890-7834
Fax 871-8495	Fax 890-5854

## MEETING AGENDA - FEB. 6, 2003

Board Meeting.....	4:30 - 6:00 pm
Networking .....	6:00 - 6:30 pm
Dinner .....	6:30 - 7:30 pm
Program .....	7:30 - 8:30 pm

MEMBERS \$20 NON-MEMBERS \$25 STUDENTS/RETIRES \$10  
MEMBERS \$25 AT THE DOOR WITHOUT A RESERVATION

*We are now taking VISA and MASTERCARD  
for registration and other events*

## PRESIDENT'S MESSAGE



**Frank Maus**

As I am sure you noticed, everyone is more and more "cost concerned." Budgets are tighter, companies are leaner, and customers are requiring more of their suppliers. This is affecting The Society of Plastics Engineers on all levels - local, national, and international.

The effect for us is less available funds. We are seeing lower membership, less income from newsletter advertisements, and less participation in fun events (golf outing, etc.). For The Miami Valley Section, we can do at least 2 actions.

The first is to do all we can to promote the benefits of SPE. The educational opportunities for students and professionals are obvious. The plastics industry has enjoyed great success due to bringing qualified individuals in the field, learning new technologies, and sharing knowledge. The Society of Plastics Engineers has been involved in all phases.

The second item is to cut costs. I am sure this is not new for you in the workplace, but we are also implementing this at The Miami Valley Section. This summer, we had a very cost-effective summer board meeting. It was the lowest cost meeting anyone can remember.

But the biggest item we can do to save cost is to have you access the monthly newsletter on-line. Through strong efforts (from Bob Rajkovich, Dean Kroger, Ken Lewis, Erin Porter and others), the website is up and going strong. You can find 2 versions of our newsletter at [www.mvspe.org](http://www.mvspe.org).

By opting for the newsletter not to be sent to you, we save on both printing and mailing costs. This is by far our biggest savings opportunity. You can opt for discontinuing the printed version at the website, or by e-mailing Dean Kroger ([djkroger@ashland.com](mailto:djkroger@ashland.com)) or myself ([finaus@mincogroup.com](mailto:finaus@mincogroup.com)). Thanks to everyone who has already taken steps to save this cost.

The Miami Valley Section is still financially strong. Through the hard work of core members (before my time), there is still a very nice nest egg. We need to make sure we do all we can to ensure we have the funds to continue the benefits of SPE.

## **NOVEMBER MEETING MINUTES**

Attendees: Rolly Bedard, Dick Hauck, Ken Lewis, Paul Moore, John Pierce, Jack Bell, Tom Cross, Mickey Brandon, Dan Tomo, Robert Jergens, Don Keyes.

Minutes: Board meetings to be at 4:30 pm instead of 4:00 pm.

Treasurer's Report: CD comes due in Dec. and Dick will renew it. It is a 6-month CD that pays 2%. Might just put in \$10,000 instead of \$20,000. One item of note is that quite a few advertisers have dropped out. Therefore, we will not reach \$9000 in advertising like last year. Treasurer's report was approved

Advertising: See above.

Auditing: Done for the year

Awards: Frank M. and Mickey B. have to get together on the member award. Mickey B. has an award for Glenn Beall.

Education: The amount of \$162.14 was given to the UC Chapter based upon receipts turned in. That is to replenish their SPE chapter account. Liaison's for the chapter have been decided. There is only one duplicate and that is Bob R. for Sinclair College and UD. Since there have been some communication problems in the past, it was suggested that a backup to the liaison be put in place. Don Keyes would like someone else to fill this position other than him. No one has heard from any of the advisors or students regarding a possible interschool meeting. The whole idea is to get the students together to talk. John P. suggested a central meeting point to get the kids together. Ken volunteered his suburban for transportation. UC would like to get together before the end of 1st quarter so that the meeting occurs before the 2nd quarter Co-Op quarter begins. It is discussed that the money comes out of the Education budget and not out of the General fund.

Golf Outing: The current pro at the Hamilton Elks was let go. There is some concern over who our new contact will be to set up the golf outing for next year. No return calls have been received from the people at

the Elks to determine if our golf dates are still OK. It would be very difficult at this point to move the outing. Dan and others are checking out other options. Paul is checking out KI for us. Tim Lambert the ex-Pro from Hamilton Elks suggested Yankee Trace to see if anything can be worked out there. Right now we have no contact at the Elks. They seem to be in disarray. Joe Nuxhall has an outing there too and he doesn't know what is going on either. Paul says we need to check out Chicago, Detroit and Cleveland to make sure our date does not conflict.

House: Nothing.

IT: Nothing to report

Membership: 7 new, 2 in, 3 out and 6 renewed for a total of 378.

Int'l Council: Dan did not attend the last mtg. The minutes in the meeting came from Mr. Capelleti. The next meeting is in San Antonio.

Recycling: Nothing

Program: Our normal meeting on Jan 9th will be at Krauss Maffei. Mickey B. wants the reservations mailed in before the 7th of December.

Recycling: We are confirmed that we will be at the same booth for the Healthy Planet Expo at the Fairfield Commons Mall. There are no recycling activities scheduled for Cincinnati.

Retec: Nothing to Report. Dick would like to bring the Color Retec here. The 2007 Antec is in Cincinnati.

Old business/ New Business: 2008 ANTEC is in Milwaukee, WI. Robert Jergens would like to have a get together either at the Dayton Dragons or Cincinnati Reds. Dean thought that would be good. Meeting adjourned.

## FOCUS ON SPE

### THE SPE Foundation Scholarship Update

The SPE Foundation is pleased to announce that the SPE Vinyl Plastics Division has established a new scholarship within the Foundation Scholarship program. This \$1,000 scholarship will be awarded annually to an undergraduate student who is pursuing a career in the plastics industry. Preference will be given to applicants with experience in the vinyl industry, such as courses taken, research conducted, or jobs held. Complete details on the Foundation scholarship program are available on the SPE website at <http://www.4spe.org/grantsscholarships.htm>

### SPE Journals

All 2002 articles from Polymer Engineering & Science, Polymer Composites, and the Journal of Vinyl & Additive Technology have been added to our online journal database. Subscribers can log on and download any article from 1996 to present. This site also offers online access to our ANTEC papers (1998-2002). Nonsubscribers can browse the contents and abstracts and purchase individual articles or subscribe to this service directly at <http://www.4plasticsresearch.org>

### A Note from SPE Headquarters

SPE's Fall Topical Conferences were very well attended in 2002. The lineup included conferences on Thermoforming, Automotive Composites, Automotive TPO, Thermoplastics Coloring, Machine Technology (Blow Molding), Mold Technology and Foams. If you did not attend a conference in your field last year, you will want to attend one this year. See SPE's roster of upcoming events below or visit <http://www.4spe.org/conferenceseminar.htm>

### Upcoming Events & Programs

Molding Process Sensor Application To Establish the Molded Product Consistency. *Online Presentation*\* January 16, 2003, 1:00pm Eastern/10:00am Pacific/6:00 PM GMT <http://www.4spe.org/trainingeducation/olt/030116online.htm>

*\*An online presentation is a simple and easy way to view a live presentation from the comfort of your home or office. All you need is a direct or dial-up Internet connection and a separate phone line to access the teleconference portion of the presentation.*

### SPE Product Highlights

New Release Available January 2003

SPE Twin Screw Extrusion Video Program and Workbook. The two 50-minute videos and accompanying 75-page workbook are excellent training vehicles for production workers. The program was filmed on location and includes animations. Previews available. [http://www.4spe.org/bookstore/pestraining/book\\_0252.htm](http://www.4spe.org/bookstore/pestraining/book_0252.htm)

### Scholarships

The SPE Foundation is pleased to announce that 18 students were recipients of \$64,500 in scholarship funding for the 2002-2003 school year. Read more about the winners on the SPE website. Scholarship applications for 2003-2004 are now available from the Foundation. Call 203.740.5447, e-mail: [foundation@4spe.org](mailto:foundation@4spe.org), or download an application from the SPE website: <http://www.4spe.org/grantsscholarships.htm>

### Plastics Educators Special Interest Group

SPE announces the formation of the Plastics Educators Special Interest Group. Members of this Special Interest Group include academics and researchers in the industry. For further details go to <http://www.4spe.org/sectionsdivisions/sigs/sig018.htm>

Don't forget - membership to an SPE Special Interest Group is FREE, sign-up for one, or all SPE Special Interest Groups at <http://www.4spe.org/forms/specialinterestgroups.htm>

### Development of Isotropic Stresses During Cure of Thermosetting Resins Online Presentation

An online presentation is a simple way to view a live presentation from the comfort of your home or office. You need a direct or dial-up Internet connection and a separate phone line to access the teleconference portion of the presentation. November 14, 2002, 1:00 PM Eastern/10:00 AM Pacific/6:00 PM GMT <http://www.4spe.org/seminarsconferences/seminars/online021114.htm>

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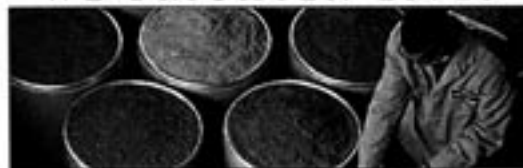
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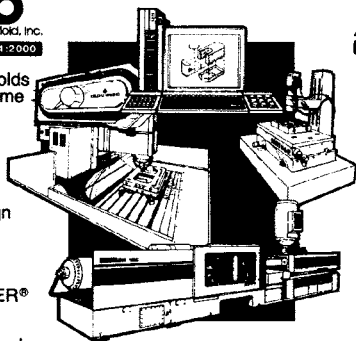
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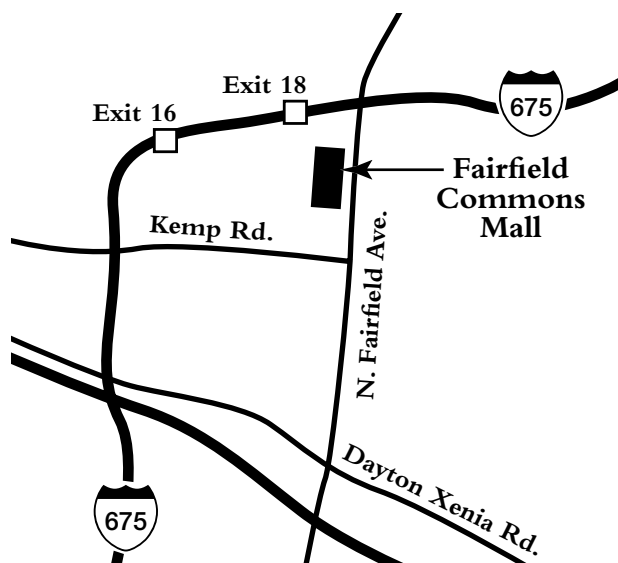
Sunday, February 23, 2003 — 12:00N–6:00PM

Our section is, for the twelfth year in a row, sponsoring an exhibit promoting plastics and recycling! We will have many handouts (cups, magnifying glasses, back scratchers, etc.) promoting plastics as a positive environmental impact and could use your help! We will have a large exhibit that needs many volunteers like you to help us promote plastics. We are asking all the student chapters, professionals and family members to volunteer time to help us promote SPE and plastics. Exhibit setup is February 23, 2003 from 7:00AM–9:30AM. Please call me to volunteer for the time that you can help out. We are asking for a minimum 2-hour time frame commitment. In years past several core people and families have been stuck working in the booth for the majority of time. This is an enjoyable event for you to promote your career in plastics and interact with the community in which you live. Let's make this year the best ever by giving us your support!

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### What is your primary job function? (check one only)

- ☐ 01 General & Corporate Management
- ☐ 02 Design & Design Engineering
- ☐ 03 R&D Engineering
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- ☐ 98 Retired
- ☐ 99 Other \_\_\_\_\_

### Division Choice - My primary Division is: \_\_\_\_\_

Check (✓) others below as additional Divisions.

- ☐ 21 Color & Appearance
- ☐ 22 Extrusion
- ☐ 23 Injection Molding
- ☐ 24 Electrical & Electronic
- ☐ 25 Thermoforming
- ☐ 26 Engineering Properties & Structure
- ☐ 27 Vinyl Plastics
- ☐ 28 Thermoset
- ☐ 29 Thermoplastic Materials & Foams
- ☐ 30 Blow Molding
- ☐ 31 Automotive
- ☐ 33 Polymer Analysis
- ☐ 34 Decorating & Assembly
- ☐ 35 Mold Making & Mold Design
- ☐ 36 Medical Plastics
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2. To levy a tithe on ~ *vi*: to give a tenth of ones income as a tithe.
3. A tenth part of something paid as a voluntary contribution or as a tax esp. for the support of a religious establishment.

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