



The SPECTRUM

MIAMI VALLEY SECTION
SOCIETY OF PLASTICS ENGINEERS

Vol. 32 No. 5
March 2004

Inside...

Milacron Plant Tour and Multi-Component Tech.....	1
Officers & Board of Directors	2
Committees.....	2
Website Information	2
Calendar of Events.....	3
President's Message	3
www.mvspe.org.....	3
January Meeting Minutes.....	4
ANTEC 2004 Info	7-10
Advertiser Index	14
Spring Internship and Career Expo	19

MILACRON PLANT TOUR AND MULTI-COMPONENT TECHNOLOGIES

March 4, 2004

Mark your calendars and get your reservations in early. Milacron's Plastic Machinery Group is hosting an SPE night for the March meeting.

This is a chance to visit the premier plastic machinery manufacturing facility in the U.S. The evening meeting will include a presentation of the latest in multi-component molding. A plant tour will follow the presentation. A review of several multi-component machines in various stages of construction is possible during the evening's tour.

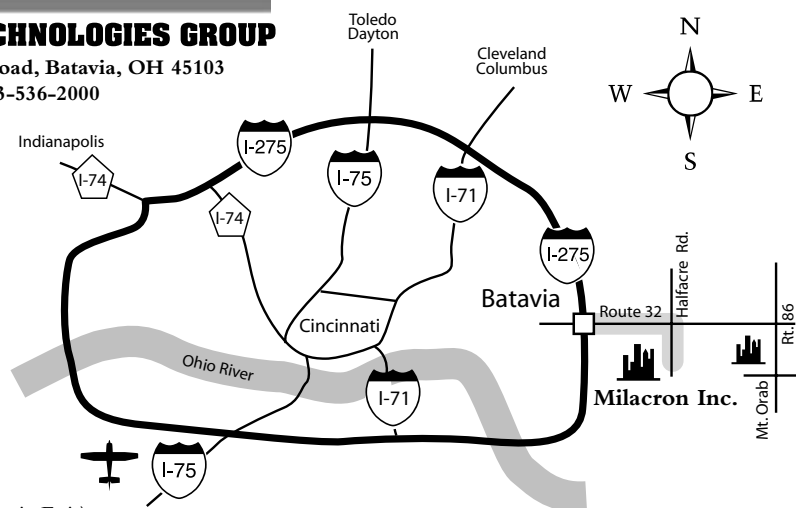


MILACRON
PLASTICS TECHNOLOGIES GROUP
4165 Halfacre Road, Batavia, OH 45103
513-536-2000

Driving Directions

Milacron Plastics Machinery Group Headquarters
4165 Halfacre Road
Batavia, OH 54103
513-536-2000

From I-71, I-74, I-75
Take I-275 East to Rt. 32 (Batavia Exit)
Take Rt. 32 10 miles to Halfacre Road
Turn right on Halfacre, 1/2 mile to plant



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National Website**

<http://www.4spe.org>

Visit Our Website

<http://www.mvspe.org>

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www.mvspe.org

Go to 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. It also has a section for Contact Information with fields for Member ID, Name, Company, Address, City, State, and E-mail. There are buttons for 'Submit Information' and 'Reset Form'.

DOWNLOADING SPECTRUM

Visit www.mvspe.org and go to the download page.

Right Mouse Click (Windows) or Control Click (Macintosh) on the link and select "Save Target As." Select your Desktop from the pop-up window. This will download the file to your computer and allow you to easily flip from page to page.

You will need to have Adobe Acrobat Reader version 5.0 or higher (available at www.adobe.com) to properly view the file and be able to click links to SPE related articles.

CALENDAR OF EVENTS

- Mar 4** Plant Tour of Milacron
Batavia, OH
- Apr 1** Alex's--Dayton, Ohio
Education Night
Topic: A. Routsis
- May 6** Alex's--Dayton, Ohio
TBA
- June 14** Golf Outing
Hamilton Elks

MEETING NOTICE DETAILS

MEETING DATE: March 4, 2004
Advance Reservation required by February 26, 2004
To reserve, call or fax:

Dick Hauck	Mickey Brandon
Cincinnati	Dayton
513-521-8236	937-890-7834
	Fax 890-5854

MEETING AGENDA - MAR 4., 2004

Doors Open.....5:45 pm
Networking 6:00 - 6:30 pm
Dinner 6:30 - 7:00 pm
Presentation 7:15 - 7:45 pm
Plant Tours 8:00 - 9:00 pm

MEMBERS \$15 NON-MEMBERS \$20 STUDENTS/RETIREEES \$10

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

PRESIDENT'S MESSAGE



I would like to thank all that attended our last meeting, even with the bad weather. I hope to see many more of you at our next meeting as it should be of interest to you. We will be touring the Milacron Plant in Batavia, OH. I urge you to make your reservations as soon as possible as they are required to attend. Details on time and directions are on the cover of the newsletter. Hope to see all of you at the March meeting!

Paul Moore, President

ONLINE SAVES TIME!!

- Register online for montly meetings
- See updated meeting info
- Sign up to receive the electronic version of The SPECTRUM
- Read past issues



Click here!



OUR WEBSITE

www.mvspe.org

- Get Email updates for special events
- Update your contact information
- Pay your dues online!
- Stay up-to-date and get involved in *your* MVPSE

(if you are reading this newsletter online, you can click any URL with a light blue box and go directly to that site!)

JANUARY 8, 2004 MEETING MINUTES

Attendees: Bob Rajkovich, Don Keyes, Robert Jergens., Paul Moore, Paul Woods, Dick Hauck, Dwight Johnson, Dennis Richmond, Jack Bell.

Treasurer's Report: It seems that we are losing money on everything. These are not huge sums of money but small expenses here and there that keep chipping away at the bank account.

Minutes: Approved with the addition of Don Keyes as an attendee.

House & Program: Mickey is sick and cannot do House and Awards tonight. The February meeting is all planned (RJG). The March meeting is OK and will be at Cincinnati Milacron in Batavia, OH. We are putting Education with A Routsis (Training). June 14th is the golf outing. For the remainder of the year, all meetings except for Plant Tours will be at Alex's. Robert Jergens is going to handle the Program now.

Education: The Grant forms have been sent out. Don has not heard from anyone. Shawnee has one student in their chapter. UC and Miami have a group and Don has not heard anything so far. Edison State will probably not submit any forms. Bob R. will call Sinclair and UD. Jack Bell will contact Edison. Bill Maston is not going to do Miami. Jim Moeller sent Dick H. a list of Miami's officers. Don K. thinks the May meeting should be on how to compete with China. Shawnee was to be covered by Mickey. The Husky award, which we went after 5 or 6 years ago, is \$5k. To get this award, we need to show how we are going to spend it with regards to promotion of SPE and students. The best presentation gets the money. Don is willing to chair the effort concerning the Husky Award. Don has not gotten a formal form on this award. There is good chance we can get the money.

IT Committee: There was no January newsletter because there was no info for January. Bob R. presented a seminar that will be held February 5th in Columbus, OH on how to compete with China. This could also be a source for future SPE meeting speakers. It is on the morning of our next meeting. The IT Committee had a meeting last month to get the website updated. Dean has now been taught to make changes on the website by Ken Lewis. Jack B. wants the Columbus and Kentuckiana sections contacted about our next meeting.

Recycling: Dayton has cancelled the Mall show. This issue is dead. Cincinnati always has something at the Museum Center. Someone needs to check and see what is going on. Paul Moore will contact the Museum Center. The official Earth Day is April 22nd. Bob Rajkovich's birthday is on April 23rd.

National Report & Membership: The next national meeting is in New Orleans on Jan 30th and 31st. There are no consequences if we only miss one National Meeting. Robert J. has volunteered to go for Frank M.

Membership: There were 2 new members in, 2 members out and 4 renewed for a total of 356. We are the 12th largest chapter.

Historian: Nothing

Golf Outing: There is a committee. Dan Tomo will not be involved after this golf outing.

Old Business: It was decided there would be a meeting to go over the Husky Award. The Husky meeting will convene on January 15th. Don K. to send out a meeting notice.

New Business: We need to elect officers for next year. Dick nominates Dennis Richmond for vice president. Robert Jergens was nominated for President. Dick will stay on as Treasurer. Dwight Johnson was nominated for Secretary. Paul Moore will be Past President. We will need to elect a new international councilor.



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Completed ANTEC 2004 registration forms may be submitted to SPE Headquarters as follows:

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Society of Plastics Engineers
14 Fairfield Drive, P.O. Box 403
Brookfield, CT 06804-0403
FAX: (203) 775-8490

ANTEC



Plastics Innovation
in the Windy City

EARLY BIRD REGISTRATION DEADLINE: JANUARY 31, 2004

ADVANCE REGISTRATION DEADLINE: APRIL 30, 2004

I. Conference Registration (All Fees in US Dollars)

	SAVE UP TO \$110 EARLY BIRD BY JANUARY 31, 2004		SAVE UP TO \$50 ADVANCE BY APRIL 30		ON-SITE AFTER APRIL 30		
	Member	Non-Member	Member	Non-Member	Member	Non-Member	
Full Conference	\$625	\$825	\$685	\$885	\$735	\$935	_____
Full Conference with CD-ROM Proceedings	\$645	\$865	\$705	\$925	\$755	\$975	_____
Student, Full Conference*	\$75	\$125	\$100	\$150	\$125	\$175	_____
*does not include conference proceedings or Monday Business Luncheon							
NOTE: All Speakers Must Be SPE Members							
Speaker, Full Conference	\$345	N/A	\$405	N/A	\$455	N/A	_____
Moderator, Full Conference	\$345	\$475	\$405	\$535	\$455	\$585	_____
With CD-ROM Proceedings	\$365	\$515	\$425	\$575	\$475	\$625	_____
Student Speaker, Full Conference	\$50	\$75	\$50	\$75	\$75	\$100	_____
One-Day Registration	\$425	\$625	\$455	\$655	\$500	\$700	_____
Check one: <input type="checkbox"/> Mon. <input type="checkbox"/> Tue. <input type="checkbox"/> Wed.							
Conference Proceedings on CD-ROM	\$99	\$200	\$99	\$260	\$159	\$300	_____
For shipping within the U.S. Only, please add:	\$10	\$10	\$10	\$10	\$10	\$10	_____
Conference Proceedings in Print	\$225	\$325	\$225	\$385	\$285	\$400	_____
For shipping within the U.S. Only, please add:	\$20	\$20	\$20	\$20	\$20	\$20	_____
Shipping services to countries outside the US will be available on-site.							
Exhibition-Only Passes (Valid Monday-Wednesday)	\$20	\$40	\$20	\$40	\$40	\$50	_____
Add 1-Year SPE Membership (New or Renewal)	SPECIAL PRICING FOR ANTEC 2004 ATTENDEES ONLY!					\$100	_____
Student/Emeritus Membership (New or Renewal)						\$26	_____
SUBTOTAL							_____

Registration Class (check all that apply)

- ☐ SPE Executive Committee
☐ SPE Councilor
☐ SPE Emeritus Member
☐ ANTEC 2004 Division/SIG TPC

- ☐ Booth Personnel
☐ Press
☐ Usher
☐ Spouse/Guest

- ☐ Speaker/Moderator: Paper Number _____
☐ Check here if you are a replacement speaker/moderator
Check which day(s) you will present/moderate:
☐ Monday ☐ Tuesday ☐ Wednesday

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Name _____

Title _____

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Address _____

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E-mail _____ Date of Birth _____

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Primary SPE Technical Division/Area of Interest (Primary Division Included with Membership)

New Members: My Primary Division is _____. Check other(s) as additional Divisions at a cost of \$6 each.

- | | | |
|--|---|---|
| <input type="checkbox"/> Automotive (31) | <input type="checkbox"/> Extrusion(22) | <input type="checkbox"/> Polymer Modifiers/Additives (38) |
| <input type="checkbox"/> Blow Molding (30) | <input type="checkbox"/> Injection Molding (23) | <input type="checkbox"/> Product Design & Development (41) |
| <input type="checkbox"/> Color & Appearance (21) | <input type="checkbox"/> Marketing & Management (37) | <input type="checkbox"/> Rotational Molding (42) |
| <input type="checkbox"/> Composites (39) | <input type="checkbox"/> Medical Plastics (36) | <input type="checkbox"/> Thermoforming (25) |
| <input type="checkbox"/> Decorating & Assembly (34) | <input type="checkbox"/> Mold Making/Mold Design (35) | <input type="checkbox"/> Thermoplastic Materials & Foams (29) |
| <input type="checkbox"/> Electrical & Electronic (24) | <input type="checkbox"/> Plastics Environmental (40) | <input type="checkbox"/> Thermoset (28) |
| <input type="checkbox"/> Engineering Properties & Structure (26) | <input type="checkbox"/> Polymer Analysis (33) | <input type="checkbox"/> Vinyl Plastics (27) |
| <input type="checkbox"/> European Thermoforming (43) | | |

II. Special Events

Sunday, May 16

Fun Walk _____ Tickets per person @ \$15 each \$ _____
 _____ Tickets per couple @ \$25 each \$ _____

SPE Foundation Opening Reception

Complimentary with Full Conference Registration

Monday, May 17

Annual Business Luncheon

Complimentary with Full Conference Registration (n/a for Students)

Exhibition Ribbon Cutting Ceremony & Reception

Complimentary with Full Conference Registration

Tuesday, May 18

Exhibition Raffle

Complimentary with Full Conference Registration

Wednesday, May 19

Exhibition Mixer

Complimentary with Full Conference Registration

SPE Celebrates! Banquet

_____ Tickets per person @ \$75 each \$ _____
 _____ Table of 10 @ \$700 each \$ _____

III. Guest Registration (Pre-Registration is recommended for these events; capacities may be limited)

Guest Name _____
 _____ (first) _____ (last)

Address _____

City _____ State _____ Phone _____

Monday, May 17: Chicago Highlights Tour _____ Tickets @ \$35 each \$ _____

Chicago Architectural Cruise _____ Tickets @ \$48 each \$ _____

Tuesday, May 18: North Shore Gardens _____ Tickets @ \$45 each \$ _____

Wednesday, May 19: Frank Lloyd Wright Home & Studio _____ Tickets @ \$45 each \$ _____

Guest Program Registration & Cancellation Policy:

Participant cancellation must be received in writing at SPE Headquarters no later than April 1, 2004, and will be refunded less a 10% administrative fee. Refunds will not be granted after April 1, 2004. Refund requests should be directed to:

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Register Online at www.antec.ws!

IV. ANTEC 2004 SEMINAR SCHEDULE & REGISTRATION

To register, enter an X next to your selection(s).
SAVE \$200 BY REGISTERING EARLY

Selection	Category	Title	# of Days	Scheduled				Registration Fees		
Please enter an X next to selection.	BLOW MOLDING	Seminar Title / Instructor		Mon. May 17	Tues. May 18	Wed. May 19	Thurs. May 20	Advanced Member Rate by 3/31/04	Member Rate After 3/31/04 or On-site	Non-Member Rate
	SBM	Success in Blow Molding / Norman C. Lee	2			X	X	\$575	\$775	\$925
	EXTRUSION	Seminar Title / Instructor								
	FE	Fundamentals of Extrusion / Keith Luker	1				X	\$395	\$595	\$745
	TSET	Twin Screw Extrusion Technology / Adam Dreiblatt	2	X	X			\$575	\$775	\$925
	PEDAP	Profile Extrusion Design & Advanced Processing / Daniel Cykana	2			X	X	\$575	\$775	\$925
	PAMR	Practical Applications for Melt Rheology in Polymer Processing / Pravin Shah	2	X	X			\$575	\$775	\$925
	EEP	Extrusion of Engineering Plastics / Pravin Shah	2			X	X	\$575	\$775	\$925
	CEPP	Co-Extrusion: Principles & Practices / Eldridge Mount	1				X	\$395	\$595	\$745
	DDEP	Die Design Principles for Extrusion of Polymers / Leonard Sansone	2			X	X	\$575	\$775	\$925
	INJECTION MOLDING	Seminar Title / Instructor								
	IMT	Injection Molding Technology / William Frizelle	2	X	X			\$575	\$775	\$925
	IMACA	Injection Molding - Advanced Concepts and Analyses / Lawrence Schmidt	2			X	X	\$575	\$775	\$925
	VWIMT	Virtual Workshop in Injection Molding Troubleshooting / Robert Beard	2	X	X			\$575	\$775	\$925
	MATERIALS	Seminar Title / Instructor								
	FPMP	Fundamentals of Plastic Materials & Processing / Jean-Michel Charrier	1	X				\$395	\$595	\$745
	FRP	Flame Retarding Plastics / Joseph Green	1		X			\$395	\$595	\$745
	TE	Thermoplastics Elastomers / Vivian Malpass	1		X			\$395	\$595	\$745
	CMBP	Crystallization & Mechanical Behavior of Polymers / Pravin Soni	2	X	X			\$575	\$775	\$925
	PPBA	Principles of Polymer Blending and Alloying / Don Witenhafer	1	X				\$395	\$595	\$745
	OTHER	Seminar Title / Instructor								
	PCSPCM	Plastic Color Science, Pigments and Color Matching / Robert Charvat	2			X	X	\$575	\$775	\$925
	MDMB	Mold Design & Mold Building / Robert Dealey	2		X	X		\$575	\$775	\$925
	SPWP	Snap-fits, Press-fits & Welding of Plastics / Jordan Rotheiser	1	X				\$395	\$595	\$745
	THERMOFORMING	Seminar Title / Instructor								
	TTIA	Thermoforming Technology for Industrial Applications / William McConnell	2	X	X			\$575	\$775	\$925
	TDD	Thermoforming Design for Designers / Robert Browning	1				X	\$395	\$595	\$745
	TPAT	Testing of Plastics-Its Application to Thermoforming / Donald Hylton	1			X		\$395	\$595	\$745
	TT	Thermoforming Tooling / Arthur Buckel	1			X		\$395	\$595	\$745

No Refunds will be granted after April 15, 2004. Substitutions may be sent in place of the registrant at any time with prior notification to SPE.

Cancellation for seminars are subject to a \$100 processing fee.

Registration Fees: \$ _____

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V. ANTEC 2004 Registration Cancellation Policy and Payment Instructions

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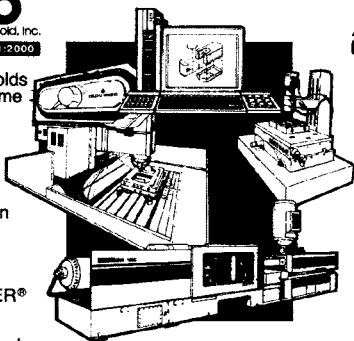
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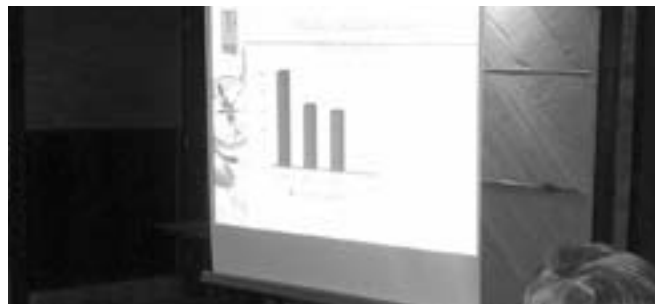
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ADVERTISER CONTACT ...PAGE

A. Schulman, Inc.....	12
AGI.....Robert V. Lucke.....	13
Alpha Mold, LLC.....Steve Meyer.....	5
Böhler Uddeholm.....Charles Poolman.....	12
Burns Mold Supply.....	11
Clariant.....Jack Headapohl.....	13
D-M-E Company.....	11
Ferromatik Milacron.....Mark Ruberg.....	6
General Color.....	6
General Polymers.....	6
Gesswein.....Paul T. Mooradian.....	6
Jergens Innovative Technology.....Robert Jergens.....	13
KraussMaffei.....Scott Balcom.....	12
Marco Molding.....Mickey Brandon.....	13
Master Industries.....	13
MHI Injection Molding Machinery, Inc.....Manny Rosario.....	5
Midwest Plastic Systems, Inc.....Jack Bell.....	12
Minco Tool & Mold, Inc.....Gary Deaton, Joe Kavalauskas.....	13
National Tool & Manufacturing Co.....	12
Parker Seals.....	5
Plastics Color Correction.....Dwight Johnson.....	12
PolyOne.....Gary Laughlin.....	11
Polymer Resources.....Robert Grammer.....	12
Pro Plastics Equipment, Inc.....Rich Studer.....	5
Ryton PPS.....Tim Earley.....	6
SAS Automation, LTD.....	5
Sinclair Community College.....	5
Slide Solutions.....	12
The Shepherd Color Company.....	6

ADVERTISER CONTACT ...PAGE

Tosko Plastics Machinery, Inc.Bill Dowdney, Steve Wilson.....	12
Uniform Color Company.....	5
VersaPrint.....	6
Zed Industries.....	6



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SPRING INTERNSHIP AND CAREER EXPO

Greetings from the Miami University Office of Career Services. We are now in the process of planning our Spring Internship and Career Expo (Spring ICE) to be held Wednesday, March 24, 2004, from 2:00 to 6:00 p.m. at Millett Hall.

Spring ICE is an excellent opportunity for you to share internship and career-related information with interested Miami students, to make direct contact with many highly qualified candidates, and to maintain or increase your visibility on Miami's campus. At the same time, you'll find that this will be an effective way to attract graduating seniors to your organization. We anticipate that the Expo will have good participation, so we encourage you to register no later than Thursday, February 19.

Registration for this event is now online. Simply go to: www.muohio.edu/careers/springice/ Click on the registration button and follow the simple directions.

On Thursday, March 25, 2004, the sixteen (16) interview rooms at the Office of Career Services have been reserved for Spring ICE participants. If you are interested in interviewing candidates on this day, please contact Christina Jessie, our Recruiting Coordinator, at JessieCD@muohio.edu to reserve a room. If you desire overnight accommodations, a limited number of rooms have been reserved at the Marcum Conference Center for both March 23 and 24. Call them directly at (513) 529-6911 to reserve yours, if needed. Other area motels are listed on our Web site.

We hope you will consider attending Spring Internship and Career Expo 2004 at Miami University. If you have any questions regarding the Expo, don't hesitate to call me at (513) 529-3837 or email me at BarryJL@muohio.edu. We look forward to hearing from you soon.

Sincerely,
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