

SPEctrum

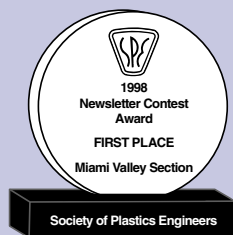


MIAMI VALLEY SECTION
SOCIETY OF PLASTICS ENGINEERS

VOL. 30 NO. 7
MARCH
2002

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SPEctrum is the award
winning newsletter of
the Miami Valley
Section of the Society
of Plastics Engineers.
It is published monthly
September through May.

PRINTED ON RECYCLED PAPER

MARCH MEETING INFO

Plastics Benchmarks—Where does your company stack up?



Troy Nix

During this presentation, representatives from the Mid-America Plastics Partners, Inc. (MAPP) will share compiled information from benchmarking surveys conducted over the last several months. These benchmarking results may help you better understand how your company measures-up in relation to others on issues such as how to find new business, on-line auctions, employee turnover rates, and the costs associated with doing business.

How's business? Are you operating differently now, in this sluggish economy, than 18 months ago? If you are like most Plastics Processors, you are probably trying to improve your company's position in the market place. In doing so, many processors are trying to find new ways to:

- Find New Business
- Reduce Costs
- Keep Good People
- Survive!

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VISIT SPE'S WEB SITE
<http://www.4spe.org>

Our comprehensive web site covers membership, publications, education, conference and seminar schedules, SPE affiliates, Society news, products, world-wide industry event calendar, and the publications catalog on-line.

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Dick Hauck, Roland Bedard

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IT COMMITTEE

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Rajkovich

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IF YOU OR YOUR COMPANY have information that may be of interest to the Miami Valley SPE and would like that information published in the *SPEctrum*, please contact Bob Rajkovich, Editor, at 937-434-7515, or by fax at 937-434-7516, or by email at bobr@gemcity1.com.



Be sure to notify SPE National (203-775-0471) of your new address so you don't miss a single copy of *SPEctrum* or other items of interest to you in your career. We'll also transfer you to your new Section and let them know you've arrived!

CALENDAR OF EVENTS 2002

March 7	Mid-America Plastics Partners Alex's Continental
April 4	Education Night Cincinnati Doubletree
May 2	Nano Technology Alex's Continental
June 10	Golf Outing Hamilton Elks Club

Alex's Continental is located just West of I-75 on SR 725 in Miamisburg, Ohio. Take exit 44 (Dayton Mall exit), go west 2 blocks, Alex's is on the left next to Paxar Monarch.

MEETING NOTICE DETAILS

MEETING DATE: MARCH 7, 2002
Advance Reservation required by MARCH. 5, 2002
To reserve, call or fax:

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Cincinnati	Dayton
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FAX 871-8495	FAX 890-5854

MEETING AGENDA FOR MARCH 7TH

SPE Board Meeting. 4:00 - 6:00 pm
Networking 6:00 - 6:30 pm
Dinner 6:30 - 7:30 pm
Program 7:30 - 9:00 pm
MEMBERS \$20 NON-MEMBERS \$22 STUDENTS/RETIRES \$7
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NON-MEMBERS \$24 AT THE DOOR WITHOUT A RESERVATION
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for registration and other events*

PRESIDENT'S MESSAGE



Hello Miami Valley SPE!

February was a busy month for MVSPE and other area chapters, and both thanks and congratulations are in order. First I would like to start by thanking everyone who contributed to or attended February's meeting and helped make it a success, as well as to William Bowling for his presentation. Second, I would like to thank everyone who was involved with and/or volunteered on behalf of MVSPE for "Healthy Planet Expo" at the Mall at Fairfield Commons during the weekend of Feb. 23-24. We had an excellent showing and were represented well. Third, I would like to extend congratulations to Edison Community College for establishing their own local chapter of SPE. We are very pleased to see them do so and welcome them to our local chapter.

This month's meeting is on a topic that potentially could be of interest to anyone in the plastics industry, especially with the current state of the economy: benchmarking. This is a term that frequently gets tossed around, but has actual real-world value to most companies when properly used. A representative from Mid-America Plastics Partners, Inc. (MAPP) will be presenting very timely and useful information that has been surveyed and compiled over the past few months, giving the rest of us the opportunity to see just how we compare to others in the industry on many key measures. I hope to see as many attendees there as possible, given the potential benefit from this topic.

Thank you,
Ken Lewis
MVSPE—President

RECYCLING COMMITTEE

The recycling committee wishes to thank the following companies for their generous contributions of products to handout at the healthy planet, healthy people expo on Feb. 23 & 24th at the Fairfield Commons mall. These people produced product so that we may help inform the public how environmentally safe our products are and how they can all be recycled.

Ampac Plastics, Cinn. Oh., Corning Precision Lens, Cinn. Oh., Dow Plastics, Midland Mi., Electraform, div. of Wentworth Industries, Vandalia, Oh., Edison State College, Plastics Program, Piqua, Oh., Enon Inc., Dayton, Oh., Injection Molding Magazine, Denver, Co., Kare Plastics, Tipp City, Oh. University of Lowell, Lowell Mass., Marco Molding, Vandalia Oh., Master Industries, Ansonia & Piqua Oh., The Minco Group, Dayton, Oh., The Plastic Lumber Co., Akron Oh., Recto Molded Products, Cinn., Oh. We Could Not have done it without you.

The location we had was eye candy for all the hard working guys we had at our booth. We were opposite Victoria's Secret. The guys were totally overwhelmed at the plastic used in their product, didyknow their cosmetics are all in plastic containers????? I do not know how lucky we are to get the same location year after year!!!!!!!!!!!!!!

To give up your precious time to support our industry is very commendable and greatly appreciated, it's so important to inform the public and important to the longevity of our industry. Thanks again to the following: Andrew and Robert (Bob) Rajkovich, Don Keyes, Paul Moore, Jack Bell, John Pierce, Ken Lewis Dean Kroger, Dick Hauck, Frank Maus; from Miami University Student Chapter, Jeff Macasek, Neil Chini, Chris Mantz and Joe Brausen; from Edison State College Student Chapter, Vickie Wertz and early-bird Teri Sherer.

IMPORTANT MESSAGE

The Minco Group was going to run some cups for us and time didn't allow, so they graciously sponsored a 19 inch TV to raffle for education money!!!!!! The raffle will be at the meetings and will be drawn at the golf outing. Cost is \$5.00 per ticket. Bring your money guys. We were not allowed to sell raffles at the mall. Thank again the Minco Group for your continued support!!!!!!

SAVE YOUR MVSPE MONEY!

To help the Miami Valley SPE section save money on printing and mailing costs (each newsletter costs roughly \$2.00 per copy) you have the option to not receive the printed newsletter and just download your copy in PDF format from the website. This electronic version will allow you to view the same newsletter right on your computer screen via our website. You will also be able to print it out for later reading or archiving purposes. Visit **www.mvspe.com** to unsubscribe to the printed newsletter and sign up for the electronic version. The information required must be the same as found on the printed label on your newsletter. The newsletter editor will send an email to confirm your removal from the mailing list.

JANUARY 2001 MVSPE BOARD MEETING MINUTES

Attendees: Dick Hauck, Don Keyes, Dean Kroger, Tom Cross, Paul Moore, Ken Lewis, John Pierce, Jack Bell, Bob Rajkovich, and Rolly Bedard.

Treasurer's Report: The advertising money is starting to dwindle. The CD money is coming due this week and will be rolled over into another CD. As of 1/3/02, there is \$33,701.82 in the account. Paul Moore Motioned to accept the report and it was accepted.

Int'l Councilors: SPE National is going to have a \$480,000 cash flow shortage. They would like to wait until June to give the rebate. One other option was to take half of our rebate in February and the other half in June. Only have two options as of right now. Dick motioned to take the latter of the two choices. It was motioned and accepted to do the latter.

Dick Hauck will be attending the National Councilors Meeting in Florida to cover for Dan Tomo who is having some surgery done. Everything is in place, Edison is all in good standing. Meaning that they have done all the required work to become a chapter. Also, Sinclair got all their paperwork in to become a chapter.

Membership: Ken Lewis has the membership report.

Program: February and April meeting will be at the Doubletree this year. The topic in February is heat treating. The April meeting is in Cincinnati.

House: See Program.

Education: Don Keyes has received two applications from the grant proposal. Don plans to try and do the reviews earlier in February with the education committee.

Newsletter: Next Thursday (1/10/02) is the deadline for the material in the newsletter. Bob R is going to try and eliminate the duplicate SPE Newsletter Mailings.

Golf Outing: Nothing to report

Special Events: Nothing to report

Recycling: Questions Mailing address and how it should be listed. Cost for 10'x20' table is \$90. Small businesses and big businesses get charged 5 times what we do. Dean needed a \$95 check to go to the Rotary Club of Dayton. Bob R. wanted a write up to put in the newsletter. The recycling event will be held at the Fairfield Commons Mall in Dayton.

Backscratchers and shoe horns were run by Recto Molded for the event. Times and dates are as follows: February 23, 10 am-9 pm and Feb 24 12 pm-6 pm. Dean would like everyone to sign up for two hour blocks.

Historian: Nothing to report.

Awards: Nothing to report.

Advertising: As stated in the treasurer's report the outstanding balance is dwindling down to \$1000 left to receive on the Spectrum Ads. That should get us into \$9000 on the total advertising budget.

Retec: Bob R. wanted Dick to remind the people at the Int'l Councilors meeting that we don't have anything lined up. Would like to drum up some meetings so that the Society can make some money. New regional meetings are not money makers anymore.

Public Information: Nothing new except people love the commercials on TV and hate plastic in general.

Nominations: Nothing to report.

IT Report: Nothing to report. They are planning to get together this month. Friday January 11, 9:00 AM is the meeting date.

Old Business: Paul wanted to know what he and Mickey are supposed to be doing for Special Events. Paul needs to get with Mickey B.

New Business: Dean would like the meeting the second Thursday of every month to try and increase the membership. To do this, we would need to amend the charter on a year to year basis. This will be addressed at the summer meeting.

Officer Elections: Frank Maus will be moving up to President. Dean drops off the board but stays on committees and can't be on the board for one year. Dick H. still will be treasurer. Ken L. becomes past president. Roger Scherer is coming off the board. Paul Moore will be the president elect.



ANTEC REGISTRATION

For more information on ANTEC. go to our website: www.anteconline.org

Brookfield, CT November 2001

ANTEC, the Annual Technical Conference sponsored by the Society of Plastics Engineers, is celebrating its 60th year in San Francisco, May 5-9, 2002. ANTEC, which draws 4,000-5,000 global participants annually, is the premier technical event for the plastics industry.

What differentiates ANTEC from other industry events? Most industry tradeshows simply present an exhibition and limited educational offerings. ANTEC offers an exhibition in addition to an extensive conference session schedule that contains the latest technical information valued by plastics professionals.

Here's a sampling of what makes ANTEC so successful:

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- A variety of social functions fostering numerous networking opportunities;
- Learning about the latest advances in technology from Innovative interactive educational presentations;
- Attending scheduled exhibitor presentations to learn more about new products and services offered by ANTEC exhibitors;
- Being able to participate in SPE's renowned seminar series.

Just who attends ANTEC?

- Scientists
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Join us in San Francisco, May 5-9, 2002, to see what is in it for you!

ANTEC 2002 PLenary SPEAKER SERIES

Monday, May 6 8:30 a.m.-9:30 a.m.
Moscone Convention Center

Dr. Alan G. MacDiarmid of the University of Pennsylvania will be the Technical Plenary Speaker on Monday, May 6. Dr. MacDiarmid was one of the Nobel Prize winners in chemistry for 2000. In addition, he was presented with the Society of Plastics Engineers' most prestigious honor in 2001, the SPE International Award.

In 1977, Dr. MacDiarmid was the chemist responsible for the chemical and electrochemical doping of polyacetylene, the "prototype" conducting polymer, and the "rediscovery" of polyaniline, now the foremost industrial conducting polymer. He started research on (SN)x, an unusual polymeric material with metallic conductivity in 1973. His interest in organic conducting polymers began in 1975 when he was introduced to a new form of polyacetylene by Dr. Shirakawa at the Tokyo Institute of Technology. The ensuing collaboration among Dr. MacDiarmid, Dr. Shirakawa, and Dr. Heeger (then at the University of Pennsylvania) led to the historic discovery of metallic conductivity in an organic polymer, a phenomenon that previously was considered impossible.

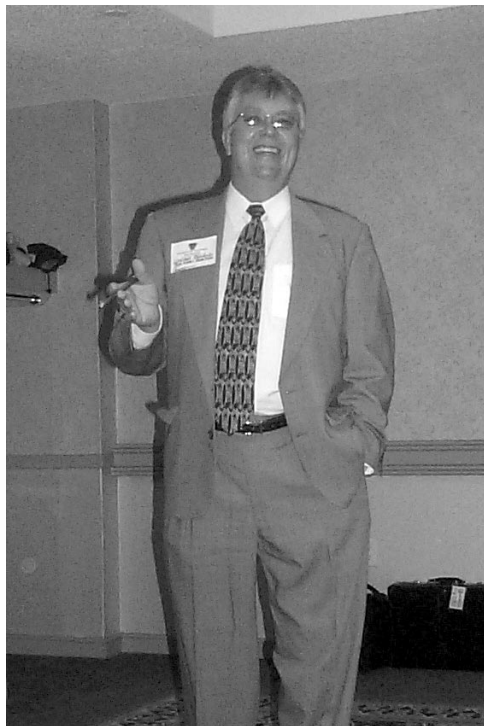
A member of the Society of Plastics Engineers and of the American Chemical Society, Dr. MacDiarmid is Blanchard Professor of Chemistry at the University of Pennsylvania, the faculty of which he joined in 1955. He holds an M.Sc. from the University of New Zealand, a Ph.D. from the University of Wisconsin, and a Ph.D. from Cambridge University (England). Dr. MacDiarmid was also awarded an honorary Ph.D. from Linköping University (Sweden). He is the author or co-author of some 600-research papers and 20 patents.

John Register

To most athletes, losing a leg while training would be a cruel twist of fate; however, it has barely slowed down world-class track star John Register. Thanks to the advanced innovation in plastics technology in prosthetic limbs, he competed at the 2000 Games in Sydney, Australia where he captured the Silver Medal in the Long Jump.

It was during hurdle training for the 1996 Olympics in Atlanta, that Mr. Register twisted his left knee, severing his popliteal artery. Doctors attempted to reconstruct the artery without success. Faced with a useless left knee and ankle that would confine him to a wheelchair, Mr. Register chose to have his leg amputated and be fitted with a plastic prosthesis. In so doing, he was able to walk-and eventually run and jump again.

The prosthesis he chose contains a soft, flexible plastic socket with a carbon graphite frame with openings that allow the muscles in Mr. Register's thigh to continue growing. Other prosthetic limbs made with rigid sockets confine muscles, causing them to atrophy. Tom Guth, chief research prosthesisist at the RGP Prosthetic Research Center in San Diego, California, developed Mr. Register's prosthesis. As a result of the combination of Mr. Register's incredible athleticism, his family's love and support, the technicians at RGP, and, as he says, "the power of plastics," his dream is back on track.



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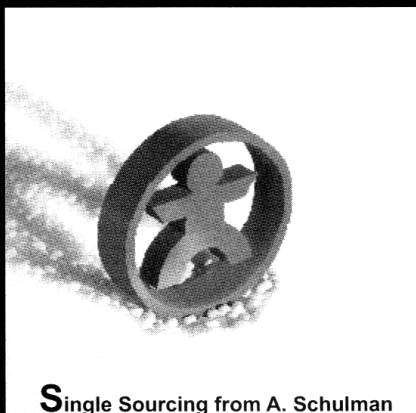
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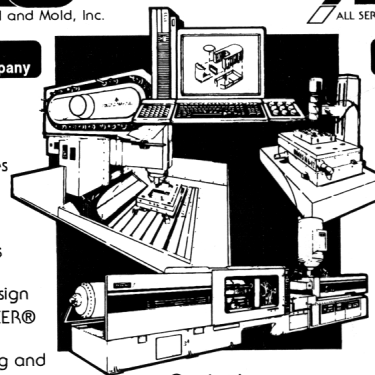
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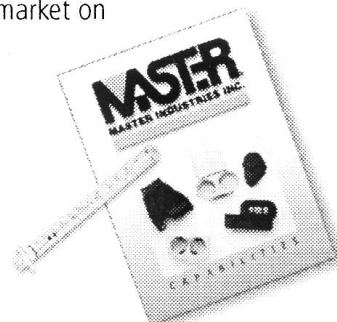
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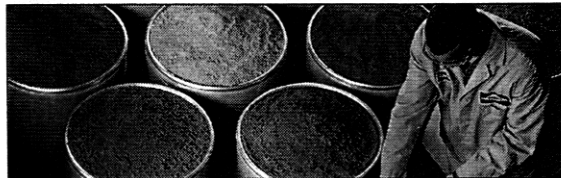
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