



The SPECTRUM

MIAMI VALLEY SECTION
SOCIETY OF PLASTICS ENGINEERS

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January 2007

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PRESENTATION BY FRED DEANS OF SPE'S AUTOMOTIVE DIVISION

January 4, 2007

The SPE Miami Valley welcomes Fred Deans, Past President of the SPE's Automotive Division, to present the finalists and category winners for their 35th Annual Automotive Innovation Awards Honoring the most innovative use of plastics. Categories include Safety, Body Interior and Exterior, Aftermarket, Materials, Powertrain and more. Save the date of January 4th for this highly informative and educational presentation.

Location is at Alex's. 5:30 PM board meeting
6:30 PM dinner followed by the presentation



Please RSVP by 12/29/06 to Tony Hoog (513) 539-4591 ext.229

SPE MATERIAL AUCTION

January 25, 2007

This year, the SPE Miami Valley will be participating in the 2007 Detroit Section SPE Material Auction. Every year, the SPE holds this profitable fundraiser to raise money for scholarships and education, the primary functions of the SPE. Please consider making a donation to this very worthy cause. Remember, the SPE is a not-for-profit organization, so your donation is tax deductible! Please click here to download a form with more information or to make a donation.

DRIVING DIRECTIONS

ALEX'S CONTINENTAL
125 Monarch Ln, Miamisburg, OH45342
Phone: (937) 866-2266

From Cincinnati:

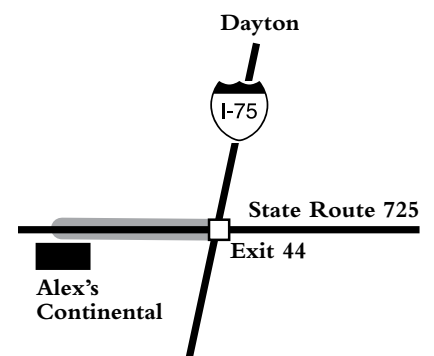
Take I-75 N
Take OH-725 exit - exit number 44 - towards
MIAMISBURG/CENTERVILLE.
Turn LEFT onto MIAMISBURG CENTERVILLE RD.
MIAMISBURG CENTERVILLE RD becomes OH-725 W.
Turn LEFT onto MONARCH LN.

From Dayton:

Take I-75 S
Take OH-725 exit - exit number 44 - towards
MIAMISBURG/CENTERVILLE.
Turn RIGHT onto MIAMISBURG CENTERVILLE RD.
MIAMISBURG CENTERVILLE RD becomes OH-725 W.
Turn LEFT onto MONARCH LN.

ALEX'S CONTINENTAL

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(937) 866-2266



Visit SPE's
National Website

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

Visit Our Website

<http://www.mvspe.org>

for news and more
newsletter downloads

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Mickey Brandon

Education

Don Keyes

Golf

Dennis Richmond

House

Tony Hoog

Historian

Tony Hoog

Membership

Scott Young

Newsletter/Communications

Josh Ullrich, jullrich@jmpolymers.com

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CALENDAR OF EVENTS

- 01/4 **SPE Automotive Division
Fred Deans Presentation**
Alex's Continental
- 02/1
- 03/1
- 04/5 **Education Night**
- 05/3 **ANTEC CINCINNATI!**
- 06/5 **Golf Outing**
2007 Bryon Nelson Memorial Golf Classic

PRESIDENT'S MESSAGE



A group of Miami Valley engineers and industrialists were looking to communicate with one another the latest plastic manufacturing technology. Throughout the world, countries were beginning to turn on every mass production practice in their hemispheres, but the manufacturing edge was here, the date was December 6, 1941. No doubt in the upcoming trying months, area manufacturing plants were doing their patriotic part. But those members of that

plastics engineering technology group had the edge. They did their part.

A little dramatic, I know. But we need to keep that spark that the Miami Valley SPE founders had. We each belong to the MVSPE for our own reasons, but we are all here, doing our part. On December 9th, we met at the Montgomery Inn, (the original one, they tell me) to celebrate 65 years as a membership organization. Thanks to all who attended to help us to kick off the next 65 years.

Speaking of which, what a great time we had with the Milacron/Servtek folks at the November meeting. I must admit that the combination of good food, prizes, feed screw technology and manufacturing certainly fulfilled the evening. Wow, was I impressed not only with the feed screw manufacturing, but the large machinery parts too. We were witness to extraordinary manufacturing and probably some of the areas top machinery operators. Thank you to Milacron for hosting us and their gracious contributions to the MVSPE.

Please bear with the program committee as we need a little extra time to get each month's meetings set up. We don't want to let you down, so be patient and we will live up to your expectations. The January 4th meeting will be another dandy with Fred Deans of the Automotive Division making the trip down I-75 to review with us the winners and category finalists from their annual Innovation Awards held in November. Mark your calendars and I'll see you there!

Anthony P. Hoog
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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



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

Click here!

OUR WEBSITE
www.mvspe.org

(if you are reading this newsletter and have an active online connection, you can click any URL and go directly to that site!)

NOVEMBER 2, 2006 MVSPE BOARD MEETING MINUTES

Called to order 5:25 PM

Attendees - Tony Hoog, Don Keyes, Bob Rajkovich, Dennis Richmond, Josh Ullrich

Review and Approve Prior Meeting Minutes - approved as amended - Dennis moved/Bob second

Financial Update - Mickey submitted, updating check signers to current Treasurer & President - tabling approval until Mickey can reconcile

Communications (IT) - Milacron picked up the ball on marketing the flyer & mailer, delay from Allegra was due to vacation. Bob not on MVSPE mailing list. Adding Councilor's info to website, summary in Dec. Newsletter.

International Councilor - Dennis is interim - election in January - next meeting is Charleston in January

Education - Don - no headway for Husky award, need to update proposal - committee meeting in late Nov or January

ANTEC - New logo and Plastics Encounter info up on SPE Website. Next GOC meeting in January.

House and Program - Dec mtg moved to 12/9 @ Montgomery Inn, wanting to move from Alex's for future technical meetings. Open to suggestions.

Golf Outing - Need to make course selection. Committee meeting in January.

Membership - No report.

Old Business - None.

New Business - Detroit BOD approved MVSPE involvement with Material Auction on Jan. 25. with 50/50 split of proceeds for donations from our section. Auction committee meeting on 11/6 to approve and distribute marketing materials. Need volunteer inside MVSPE section to warehouse donations if necessary.

Meeting adjourned 6:13 PM - Josh moved, Don second.

COUNCIL SUMMARY

October 17, 2006

This summary is intended to help you review the highlights of the Council Meeting held in Pittsburgh, Pennsylvania, on September 30, 2006.

The meeting was called to order by SPE President Tim Womer. President Womer welcomed all to his home city of Pittsburgh. He highlighted some of the many activities he has undertaken as Society president. He noted that the state of the Society is stable.

Executive Director Susan Oderwald reported on exciting new developments. Among them, a new website for students, a newly redesigned Plastics Engineering magazine, and a totally new venture with Plastics News called Plastics Encounter at ANTEC 2007. Details on these new developments are presented later in this report.

Past President Lance Neward gave an informative report on Parliamentary Procedure in which he explained the importance of minutes and what should be included in them.

BUDGET

The major Council action was the approval of the 2007 calendar-year budget. A full write-up on the budget was distributed to Councilors and to all Section and Division Board members in preparation for this meeting. The budget that was approved calls for gross income of \$5,655,000, direct expenses of \$3,145,000, staff & overhead expenses of \$2,395,000 and a net income of \$115,000. Council approved the budget by a unanimous vote unchanged from the original presentation. A full area-by-area presentation of this budget is available to Section and Division Board members at: <http://extranet.4spe.org/council/index.php?dir=Pittsburgh%20Council%20Meeting/>

MEMBERSHIP

Our overall membership as of August 31, 2006, is 19,186. SPE, like every other scientific and engineering membership society, and most other associations as well, has seen a decline in new member acquisition in the past 12 months.

In late September, SPE conducted a brief email survey of recently suspended members to ascertain some of the key reasons those members have allowed their SPE memberships to lapse. Results will be reported at a later date.

PLASTICS ENCOUNTER @ ANTEC 2007

Plastics News first approached SPE at the end of May to determine if SPE would be interested in co-locating Plastics News' tradeshow, Plastics Encounter, with ANTEC next year. A dialogue ensued over the summer months. As a result of these negotiations, Plastics Encounter will now co-locate with ANTEC at the Duke Energy Center in Cincinnati, May 6-10, 2007.

Each event will retain its own name and identity, and they will operate under the combined title "Plastics Encounter @ ANTEC." In addition, each event will be cross promoted via the other's marketing materials and initiatives. Plastics News is devoting all of its tradeshow energies and resources to this combined event in 2007. Both groups are seeking to position these two shows as THE defining event for the plastics industry in North America in 2007. This is a one-year agreement. Providing all goes well, both parties have expressed their desire to continue this partnership in future years.

SPE hotels include the Millennium Cincinnati and the Hyatt Regency Cincinnati. A single-occupancy rate of \$127 has been negotiated for SPE/ANTEC attendees at both hotels.

PLASTICS ENGINEERING REDESIGN PRESENTATION

Council had a "first look" at what they can expect to see in the Society's magazine for 2007.

The interior has undergone a redesign from cover to cover. The magazine has an international look and includes a global editorial perspective. Plastics Engineering's global debut is set for the January 2007 issue.

NEW STUDENTZONE WEBSITE

Under the leadership of Maria Russo, the StudentZone student website was unveiled earlier this month. An eight-member committee assisted Maria in developing the site content, graphics, production, navigation, etc. One important goal of the site is to increase retention and conversion rates among student members.

ANTEC 2009 TPC

Council approved Dr. Gregory McKenna as the 2009 ANTEC Technical Program Chair.

BYLAWS & POLICIES

A first reading was held on four Bylaws Amendments relative to the Honored Service Member and Fellow of the Society member grades and election committees. Council voted to pass along consideration of these amendments to all members (via publication of the amendments in Plastics Engineering) for their review and knowledge. A final vote on the amendments will take place at the January Council meeting in Charleston.

The Council also voted to approve four new Policies. Policies are being written to include information removed from the old Bylaws such as details on how committees are formed and function, or all the steps involved in the election of Society officers. The four policies approved at this meeting were the Policy on Policies, the Policy on Committees and Subcommittees, the Policy on Election of Officers, and the Anti-Trust Policy.

THE SPE FOUNDATION

Special campaigns are being conducted as part of the Foundation's 2006 Annual Campaign. Each campaign is being headed by a member of the Foundation Board of Trustees or the Foundation Executive Committee

A general Foundation grant of \$5,500 was made to Pennsylvania College of Technology to be used for the purchase of a rotational molding data acquisition system for their Plastics Manufacturing Center

A \$10,000 Thermoforming Equipment grant was made to the University of Wisconsin-Platteville for auxiliary equipment for their new thermoformer.

Twenty-seven students are the recipients of \$95,500 in scholarships for the 2006-2007 school year. In addition, the Thermoforming Division chose to use funds from a special event at their 2005 conference to create "Director's Choice" scholarships. Each member of the board was able to select one student to receive a \$1,000 scholarship. Twenty-six students benefited from this new program! As a result, the total awarded in scholarship funding by the Foundation for 2006 is \$121,500.

Susan Oderwald, Karen Winkler, and Gail Bristol have developed a plan for corporate outreach for use by both the Foundation and SPE

PRESENTATIONS

The Pittsburgh Section presented a check endowing a new Pittsburgh Section Scholarship within The SPE Foundation. The Bartlesville-Tulsa Section presented a check as a donation to the "Match Your Members" campaign, which is part of the Foundation's 2006 Annual Campaign.

AWARDS

The Education Awards Committee approved a new award to be known as the Outstanding Student Chapter Award. This award replaces the old STRETCH Award. The OSC Award includes a cash award of \$500 (courtesy of the Thermoforming Division) to Student Chapters that meet specific criteria.

STUDENT CHAPTERS

Council voted to charter two new Student Chapters in India:

Amrita School of Engineering
Delhi College of Engineering

COMMITTEE MEETINGS

Fifteen committees met prior to the Council meetings.

The following Committee/Officer Reports were given at the Council meeting:

- a) Sections – R. Corneliussen
- b) Divisions – B. Arendt
- c) International – J. Ratzlaff
- d) ANTEC – S. Monte

COUNCIL COMMITTEE-OF-THE-WHOLE

Jim Griffing, Chair of the Committee, conducted the meeting prior to the formal Council meeting. The next formal Council meeting is scheduled for Saturday, January 27, 2007, in Charleston, South Carolina.



SUSAN E. ODERWALD - EXECUTIVE DIRECTOR

SEO:ms

cc: Past Presidents, Section Presidents, Division Chairpersons, Committee Chairpersons, SPE Staff



Miami Valley TechFest 2007

Saturday, February 17, 10 AM - 6 PM

Sunday, February, 18, 11 AM - 5 PM

Sinclair Community College, David Ponitz Center
Three Buildings (Free Parking)



**Free Family Fun Outside the Classroom with
Science, Technology, Engineering, & Math (STEM)**

Youth/Students (K-12)

- Have hands-on fun with STEM
- See STEM beyond the classroom
- See and discover how and why things work due to STEM
- Talk with working scientists and engineers



Teachers (STEM & Career Exploration)

- Attend STEM Workshops (8 offered)
- Find STEM demonstration project ideas
- Make STEM resource contacts in exhibit area



Families

- See how STEM excites your youth
- Experience intergenerational learning
- Network with STEM professionals
- Refresh your STEM knowledge



For Information

Hands-on STEM Demonstrations:

Perry Yaney, 937.229.2221
perry.yaney@notes.udayton.com

Teachers Workshops:

Shiela Wallace, 937.429.2473
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Contributions:

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Marketing/Publicity:

Lyle Lockwood, 937.426.2808
llockwood@utcdayton.com

<http://www.ascd Dayton.org/TechFest2007/>

Participate in hands-on STEM demonstrations by

- Working scientists and engineers
- Professional Societies
- Colleges and Universities
- Miami Valley STEM Employers
- Wright-Patterson Air Force Base
- Special robotics exhibits



Sixty hands-on exhibits by professionals

See and hear exciting and entertaining speakers

- Working scientists and engineers
- Chemistry
- Physics
- Science
- NASA Astronaut



Professor Dave Willey, University of Pittsburgh
(Guest on Jay Leno Show)

Door Prizes



Food Court



TechFest is conducted by The Affiliate Societies Council of Dayton (a 501 (c) (3) organization} in partnership with Sinclair Community College and is dedicated to Dayton/Miami Valley Youth who are the future of the Dayton/Miami Valley Area.

**One entry form per youth.
Please print.**

Admit One

Photo copy this form for friends, brothers and sisters.

Fill out this entry form and bring it with you for **free** admission and a chance for a door prize (you must be present to win).

First Name _____ Last Name _____ Age _____

School _____ Grade _____

School District _____

How did you learn about TechFest? (Check all that apply)

- School
 Parents
 Friend
 Radio
 Newspaper
 TV
 E-mail
 ASC Web Site

Other (Tell How)? _____

Is this your 1st year at TechFest? Yes or No Date Attended (√ one) _____ Sat., Feb. 17 or _____ Sun., Feb. 18

Information for use of Affiliate Societies Council only and will not be released to any other party.

SPE Student Chapters For The Miami Valley Section



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SPE Automotive Division Presentation
 by Fred Deans

January 25, 2007
SPE Material Auction



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