

SPEctrum



MIAMI VALLEY SECTION
SOCIETY OF PLASTICS ENGINEERS

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MAY
2002

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MAY MEETING INFO

We plan to do things a little differently this month, we will invite some area micro-injection molding machinery makers to do table-top information booths about "Micro-molding machinery". We will have Dr. Bob Monter speak, and allow the machinery representatives to speak about the equipment they have to offer for this Nano-technology. Information tables will be open following the Board meeting at 6:00 PM. Social time is still until 6:30, come and stay for dinner, or wait in the Continental Lounge until the meeting starts at 7:45.

Dr. Bob Monter—Biography

The emphasis of my talk will pertain to bringing an awareness to the plastics industry of the importance of nanotechnology. More specifically, the discussion will focus on nanotechnologies which have been developed by the Air Force Research Laboratory and Ohio-based companies. Due to their unique size, nanomaterials can greatly enhance the performance of plastic materials such as tensile strength, modulus, heat distortion temperature, and conductivity. Several new classes of nanomaterials will be discussed.

Dr. Monter graduated from Marietta College, Marietta, Ohio in 1962 with a Bachelor of Science degree in Chemistry. In 1967, Dr. Monter graduated from Purdue University, West Lafayette, Indiana with a Ph.D. in Organic Chemistry. Later in his career, Dr. Monter received a Masters in Business Administration degree in Marketing from University of Dayton.

Dr. Monter was employed by the Union Carbide Corporation from 1967 to 1971 at their Research and Development center in South Charleston, West Virginia. During that time, he developed new condensation polymers and was a member of the marketing team responsible for the introduction of new urethane polyols.

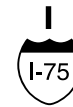
Dr. Monter joined NDM Corporation, Dayton, Ohio in 1971 and over the next ten years developed prefilled EKG Electrodes, Electrosurgical Grounding Pads, and biocompatible polyurethanes for long-term indwelling devices. These efforts led to a number of patents in the biomedical field.

After spending three years with Emerson Electric developing new solid-state switches, Dr. Monter started Thermocon, Inc., Dayton, Ohio. Thermocon was the manufacturer of conductive plastic over-current switches used to protect subfractional horsepower motors and solenoids used by the auto industry. Thermocon was sold to RayChem Corporation, Menlo Park, California in 1994. He remained an employee of RayChem until 1996.

After serving as a sales representative selling capital equipment to the plastics processing industry, Dr. Monter joined Wright Technology Network as a Technology Specialist in 1999. As Senior Technology Specialist, he is responsible for leading the commercialization of The Air Force Research Laboratory Propulsion Directorate technologies.

ALEX'S CONTINENTAL DAYTON

Dayton



State Route 725

Alex's
Continental

DIRECTIONS
Exit 44 from I-75
St. Rt. 725 West 1/2 Mile
on south side of 725



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

VISIT OUR WEB SITE
<http://www.mvspe.org>

CALENDAR OF EVENTS 2002

- May 2 Nano Technology
 Alex Continental
- June 10 Golf Outing (see page 4)
 Hamilton Elks Club

Alex 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.

ANNOUNCING THE 2003 STAR AWARD ACHIEVERS

- | | |
|-----------------------|-----------------------------|
| Akron Section | Palisades Section |
| Detroit Section | Piedmont Section |
| Cleveland Section | Pioneer Section |
| Golden Gate Section | Rochester Section |
| Kansas City Section | Southern Section |
| Lehigh Valley Section | Southern California Section |
| Milwaukee Section | South Texas Section |
| Mid-Michigan Section | Western Michigan Section |
| New York | |

MEETING NOTICE DETAILS

MEETING DATE: MAY 2, 2002
Advance Reservation required by APRIL 31, 2002
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 FOR MAY 2ND

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
MEMBERS \$22 AT THE DOOR WITHOUT A RESERVATION
NON-MEMBERS \$24 AT THE DOOR WITHOUT A RESERVATION
*We are now taking VISA and MASTERCARD
for registration and other events*

PRESIDENT'S MESSAGE



Hello Miami Valley SPE!

It seems hard to believe that summer is already upon us, and it is and has been a busy time for MVSPE. I would like to begin by congratulating our supporters, members, officers, and the Board of Directors for making the past year another success for our chapter. I also want to thank the Board members and Officers who are stepping away from their positions for the efforts and results they provided, as well as welcome and congratulate one new Board member and the new Officers for the upcoming year. For 2002-2005 Robert Jergens joins the Board of Directors while for 2002-2003 Paul Moore will be our President Elect, I will move into the Past President role, and Frank Maus is our newly elected President. Tom Cross will remain Secretary, Richard Hauck will remain Treasurer, and Dan Tomo will remain International Councilor.

Congratulations are also in order for the newest student chapter that is about to become a member of MVSPE. We look forward to Sinclair Community College joining us after ANTEC this May. For our May and final meeting of the SPE year we will be having a presentation on the topic of Nano Technology at Alex's Continental. I hope that as many people as possible will attend not only this meeting, but also the Golf Outing to help end the year on a positive note.

Finally, on a personal level, I would like to thank everyone for their input and support that made for an excellent and enjoyable year of MVSPE. I have truly enjoyed my time as President, and have also enjoyed the opportunity to work and help advance the chapter. Despite some hectic times it was a great overall year, and I look forward to all of us continuing the chapter's progress in the years to come.

Thank you,
Ken Lewis
MVSPE—President