

# Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers  
Our 46<sup>th</sup> Year of Education and Service to the Plastics Industry

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## Costs, Schedules, Reservations

Member	\$25.00
Member and Guest	\$40.00
Retiree	\$15.00
Student	\$10.00

**Registration must take place by 3:30 p.m. on 03/18/05 – there will be no on-site registration. When calling to register, please supply citizenship and phone number of all attendees**

Arrive Gate House 5:15 - 5:40 p.m.  
Presentation and tour 5:40 p.m.  
Dinner at Café Piscitelli 7:00 p.m.

(330) 849-5173 T; (330) 849-5589 F  
cathy.herrin@santoprene.com

## Technical Meeting

**Monday, March 21, 2005**

**Lockheed Martin**  
1210 Massillon Road  
Akron, Ohio 44315

See Reservations  
Section for special  
registration  
instructions

Clark Reed and  
Charles Lavan



Lockheed Martin Maritime Systems and Sensors in Akron is actively involved in many aspects of polymers and plastics in its product lines. Specifically, the Lighter-Than-Air (LTA) product line grew out of the heritage materials technologies of Goodyear Zeppelin, Goodyear Aircraft, Goodyear Aerospace and The Goodyear Tire Company and the association with GE Aerospace as a result of the Lockheed Martin merger. Polymeric materials used in LTA vehicles have evolved from doped cotton fabrics through Dacron polyester fabrics to the current high tenacity materials being developed for projects such as High Altitude Airship. LTA polymeric material development has encompassed high strength to weight ratio fibers, films, laminating/matrix resins, processing and environmental testing that draws on the resources of such facilities as University of Akron, NASA Glenn and NASA Marshall. Technologies such as nanocomposites, integrated function fabrics and shaped memory composites are part of the current development efforts. This presentation will provide an overview of the Lockheed Martin product lines along with a detailed discussion of the polymers, laminates, nanocomposites, structural plastics and processing used in development and testing of the advanced materials used in modern LTA vehicle systems.

**Coming Up:**

- Next meeting – Apr. 18, 2005
- Board meeting Mar. 7, 5:30 p.m. at Americhem

See page 4 for  
speaker biographies

Mar., 2005, Page 1



# President's Message

Greetings!

I am very excited about the success of our technical venue over the last several months. We have had an outstanding array of speakers and events that have made this a good year in terms of our membership participation. February's technical meeting on advances in twin screw technology was well received by our audience. Next month's tour/presentation at Lockheed Martin, will allow us to get insight in the use of plastics in lighter-than-air vehicles. This is a unique opportunity to understand the role of plastics in an aeronautical application. Please sign up early as there are some qualifications and security precautions needed by our host. My special thanks go out to all of those who have made it all happen behind the scenes.

Participation, that is the word, the thought, the action that all members of SPE utilize to make our organization successful. We thank you for efforts to attend our monthly meetings. Your local Akron SPE section wants to hear from you about new technologies and interests from all of our members. Change in the plastics industry continues to evolve at a record breaking pace. Please feel free to write, email or call us to let us know of your interests in the plastics industry.

We were also looking forward to the annual SPE auction on April 18<sup>th</sup> at the Raintree Country Club in Green Ohio. This event is where we raise funds to continue to support our educational scholarship program. This should be a lively and entertaining evening for all.

See you at our next meeting!

*Joe Mattingly*

*President, Akron Section*



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## Biography of Charles K. Lavan, Jr.

Charles K. Lavan, Jr. is a Fellow at Lockheed Martin Maritime Systems and Sensors in Akron. He graduated from Case Western Reserve University in Cleveland with a bachelor's degree in Mechanical Engineering and a master's degree in Mechanical Engineering with a specialty in Plasma Physics and has taken course work towards a Ph.D. at the University of Akron. Mr. Lavan has been employed by Goodyear Aerospace/Loral/Lockheed Martin for almost 22 years and has worked on the development of the GZ22 advanced airship for Goodyear; the US Navy Airship program; the Airborne Laser Mine Detection System; aerostat materials development and payloads for surveillance applications involving aerostats; the High Altitude Airship (HAA) program; the Integrated Sensor Is Structure (ISIS) program for DARPA and electronic textiles for DARPA. His focus has been in the area of advanced materials and multi-functional use of materials and composite structures for aerospace applications. Currently, he is involved in the development of hull structural materials for programs such as HAA and ISIS. Before joining Lockheed Martin, he was an Assistant Professor of Mechanical Engineering at Ohio Northern University, Ada, OH.

## Biography of Clark G. Reed

Clark G. Reed is the Director of Technical Operations at Lockheed Martin Maritime Systems and Sensors in Akron. In this position, he is responsible for overseeing the business unit's engineering organization, protection of intellectual property and patent activities, advancement of company-funded research and development, and the engineering student co-op program. Mr. Reed was named to his current position in 2004. He previously served as director, technology and processes; director, systems engineering and also held a number of engineering managerial positions. In his managerial positions, he directed the work of 70 to 120 electrical and mechanical engineers, physicists and mathematicians, guiding them toward the business area's objectives through company-funded research and development projects and government contracts. He is a co-inventor of a patent entitled "optical image correlator tracking filter circuit" and has also coauthored three papers. Mr. Reed graduated from the Ohio State University, Columbus, Ohio with a bachelor's degree in electrical engineering, and has earned a master's in electrical engineering in Akron, Ohio from the University of Akron along with completing course work towards a Ph.D. in the same field.

## Map to Lockheed Martin 1210 Massillon Road Akron, Ohio 44315

We will enter through the gatehouse in front of the Lockheed Martin plant (formerly National City Bank) where the flagpoles are.

Lockheed Martin is a secure facility, as they have contracts with the US Department of Defense. People who show up and are not on the list will not be allowed inside.

*You may zoom in*



### Cafe Piscitelli

1800 Triplett Boulevard  
Akron, OH 44306  
330-798-1986

Start out going NORTH on MASSILLON RD toward DERBY DOWNS DR. 0.1 miles  
Turn RIGHT onto SPRINGFIELD LAKE BLVD. <0.1 miles  
Turn LEFT onto GEORGE WASHINGTON BLVD/OH-241 N. 0.9 miles  
Turn LEFT onto TRIPLETT BLVD/OH-241 W. 0.4 miles  
Enter next roundabout and take 4th exit onto TRIPLETT BLVD/OH-241 E. 0.1 miles  
**Total Est. Time: 4 minutes Total Est. Distance: 1.78 miles**



## Advertiser Index

Akron Polymer Training Center	12
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Capco Polymer Ind.	2
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D-M-E	13
David Industrial Sales	5
Husky	4
Osterman & Company	2
Polymer Processing & Testing Services	6
Polymer Resources	10
Polysort	5

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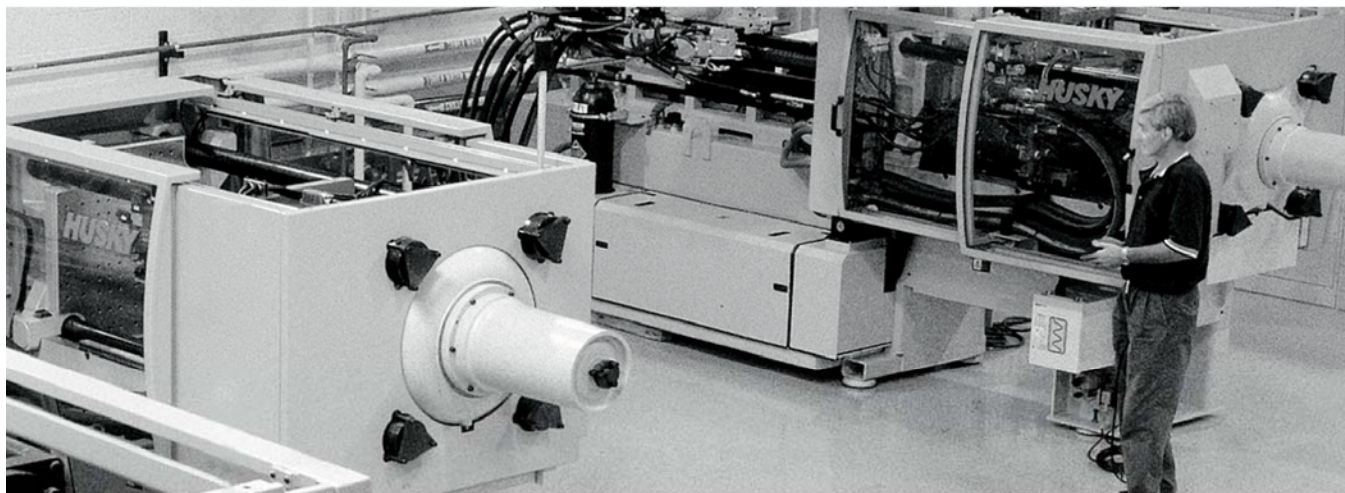
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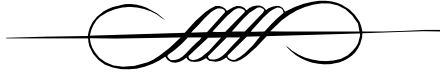
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1961-1962	Foster J. Young	1984-1985	Anthony F. Dean, Jr.
1962-1963	Dickson L. Stoker, III	1985-1986	Gene Buser
1963-1964	Edward L. Hillier	1986-1987	Harry J. Barth
1964-1965	John R. Russell	1987-1988	Judith A. Fallon
1965-1966	John R. Russell	1988-1989	William E. Tosco
1966-1967	Clyde H. Jones	1989-1990	Robert Wegelin
1967-1968	Alan Corry, Jr.	1990-1991	Geraldine R. Stromquist
1968-1969	Bernard M. Saffian	1991-1992	Spencer Keiser
1969-1970	Harold R. Schick	1992-1993	Robert Wegelin
1970-1971	Robert G. Hills	1993-1994	Tony Dean
1971-1972	John J. Satterfield	1994-1995	Wayne Decamp
1972-1973	Alexis M. Gross	1995-1996	Melanie Stewart
1973-1974	Francis J. Maurer	1996-1997	Kevin Hershfield
1974-1975	Leverett A. Anderson, Jr.	1997-1998	Dave Schultz
1975-1976	Robert M. Hershey	1998-1999	John Raab
1976-1977	Richard L. Fleshman	1999-2000	Gary Taylor
1977-1978	David Curtis	2000-2001	Kevin Malpass
1978-1979	John A. Zelek, Jr.	2001-2002	Ken Sharp
1979-1980	Gerald W. Whitnable	2002-2003	Joe Pfeiffer
1980-1981	Kathleen N. Bechter	2003-2004	Robert Wegelin
1981-1982	Victor E. Giuffrida	2004-2005	Joe Mattingly

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# Programs for 2004 / 2005

Sept. 20	“Novel Impact Modification in a TPO System” <b>Ferro Corp., Dr. Anna Andrews</b> --Tangier Restaurant	Jan. 24	Nanocomposite program Featured speaker, <b>Prof. Josh Wong</b> , who is working in expanded graphite flake reinforcement for plastics -- University of Akron
Oct. 25	“The Changing Global Plastics Marketplace” <b>Michael Day Enterprises</b> <b>Michael Day, President</b> , lunch -- Tangier Restaurant	Feb. 21	Program by <b>Berstorff</b>
Nov. 15	<b>Demag Plastics Group</b> , tour of facility in Strongsville, OH -- Mapleside Farms	March 21	Lockheed Martin
Dec. 13	<b>Social Program</b> – still open -- Hower House, buffet	April 18	Vendor Night / Auction -- Martin Center
		May 23	Awards Banquet -- Martin Center



The University of Akron

## The University of Akron Institute of Polymer Engineering

### Polymer Processing and Testing Services

Don't want to invest in expensive equipment at this time? Don't know what equipment is best? Only need the use of the equipment for a short period of time?

Perhaps the best answer to these questions is to contract our polymer processing and testing services.

UA's Institute of Polymer Engineering works with all types of clients in the polymer industry, large companies and small firms, well-established businesses and start-ups. Companies turn to the Institute for assistance because they do not have the capabilities (equipment or personnel) to conduct their own research and testing.

The Institute of Polymer Engineering has a wide variety of specialized equipment needed for polymer processing, characterization, analysis and testing. Some of that equipment is listed here below.

To further discuss your needs, please contact Dr Lloyd Goettler at (330) 972-7467 lgoett@uakron.edu or Cameron Fraser at (330) 972-6008 cfraser@uakron.edu

#### **Analysis and Testing**

- x-ray
- scanning electron microscopy
- atomic force microscopy
- optical microscopy
- laser microscopy
- TGA
- DSC
- FT-IR
- DMA
- APA
- stress strain testing
- rheology
- biaxial stretching

#### **Polymer Processing**

- single-screw extruding
- twin-screw extruding
- film casting
- film blowing
- fiber spinning
- injection molding
- compression molding
- vacuum molding
- blow molding
- compounding

#### **Sample Preparation**

- microtoming
- vacuum drying
- sputter coating
- particle size reducing





## Society of Plastics Engineers Akron Section

The Akron Section of the Society of Plastics Engineers is once again conducting a charity auction for the benefit of the Akron Section's Education Fund. This fund is used to provide scholarships to students who choose to study for an undergraduate degree in plastics engineering or a related field. This year's auction will be held on 18 April at Raintree Country Club in Green. We would like to formally invite you and other representatives of your company to attend and help make this event a success.

The members of the Akron Section and the students would greatly appreciate your consideration of a donation to be auctioned at the event this year. In addition to any tax benefits, your company name will be displayed prominently in the auction program as the provider of the item(s) and, if received in time, will also be included in the Polymer Valley News, the newsletter of the Akron Section, which is distributed to all of our 400+ members.

If you have items to donate for the auction, please contact me at 330-497-4255 or by email at [smiller17@neo.rr.com](mailto:smiller17@neo.rr.com). Arrangements for the transportation of the items can be made. Thank you again for your past generosity and we are looking forward to your continued support for the Education Fund.

Sincerely,

Ronald A. Miller  
1211 Westview Circle SE  
North Canton, OH 44720

# Minutes of Board Meeting – Feb. 7, 2005

**Call to Order:** 5:35 p.m. at Americhem

**Present:** Viv Malpass, David Schultz, Joe Pfeiffer, Ron Miller, Tony Dean, Lloyd Goettler, Cameron Fraser, Gary Taylor, Josh Wong, Joe Mattingly  
**Absent -** Bob Wegelin, Kathy Perevosnik, Kevin Malpass, George Carroll, Bud Seymour, Jerry Robinson, Ernie Anderson, John Woodside, Amruth Puttarudraiah, Zehra Kalkan, David Katz  
Thanks to Americhem for hosting.

**NOTE: ACTION ITEMS – IN BOLD**                      Note- OLD Business now has past Action Items- BOLD

**Minutes:** January-corrected minutes were approved, corrected Amruth's spelling of his last name.

**Treasurer:** Gary reports that the checkbook is in good shape and noted that we put seed money in for Auction-2005 and TPE-TOPCON totaling \$4,500.

**Officers, 2004: Ron Miller has agreed to Chair - Auction 2005.** Thanks Ron!!

**Awards 2004 Update:** Kathy has agreed to Chair and Bob Wegelin and Joe Pfeiffer will help. Need others to help, too!! Need Speaker- **Kathy to contact ACCESS for Speakers list- check website or talk with Joe M. for contact name.**

**Student Chapter:** Zehra Kalkan provided a report- Career Building Seminar held Feb 2- Raza Sadeghi and Barb Gedeon participated and it was well received-still would like information on Visa/Immigration. They are also working on budgeting process for ANTEC-Boston 2005. A Univ. of Akron Reception will take place in Boston!! PESO has also entered in competition for STRETCH Award. A link has been added- need added pages at the PESO website. Prof. Goettler states that approx. 30% of PESO are also SPE Members. Student Corner in Newsletter- Biography / Technical input is planned. BOARD Members are Welcome and encouraged to attend PESO activities! Next Activity -Spring Bowling date TBA.

**Newsletter: If you have anything for newsletter be sure to forward to Joe Pfeiffer or Jenny Digiantonio by Feb 25:** Presidents message, Councilors notes, program list, board list, last year's ads, and a NEW Consultant's Corner-Technical Articles, Technical advice -SUGGESTIONS are encouraged.

**Membership:** Joe reports that current membership January 2005 is 421. Joe reviewed the AIM Program and stated that Intl. has had a 20% success rate. The BOARD stated that it is key and CRITICAL for all Board Members to promote SPE- **when you do mention it to a fellow worker or during a Sales or Technical Service call- inform Joe Pfeiffer so he may log into Intl. System and FOLLOW-UP.-** KEY component is get NAME and an Intl. WILL FOLLOW-UP.

**Councilor's Report:** Viv attended Council Meeting in Atlanta. Key issues included Rebate- new format or return to old format- general consensus- old format is preferred- will confirm at ANTEC, By-Law- B9.7- Identification at Vote -Failed. AIM program was discussed 6% of Sections have been involved to date- NEED to have more involvement.--- PROMOTE AIM- Viv has stressed Akron involvement, and Dave and Viv feel that additional methods should be used to increase Membership- need to discuss further- blast e-mails etc. Elections- President-Elect-Tim Womer, VP- Vicki Flaris, Intl- Hector Delian and COW- Chair- Barbara Arnold-Feret. Joe Pfeiffer to determine which Divisions- Akron members are involved or part of for determination for Future programming.





# Minutes of Board Meeting – Feb. 7, 2005 (cont.)

**TPE TOPCON 2005:** At present confirm 34 Papers, more up-date after March 9-Hilton 5:30 PM . Ed Tam-Teknor will confirm to Viv.

**Education Committee:** Kathy per report to Joe informed that she received 2 Essays out of 130 notices sent out on Essay Contest, 1- East HS and 1- Cleve. The Board decided NOT to consider by Motion and Vote first- Cameron Fraser and 2nd Viv Malpass to consider the Cleve. submitted essay. East High wins and could be submitted, money available for school as prizes. Need to tie with ACCESS for future targets. Kathy also informed of Science Fairs- Central-Hower (Local)- Jan 26- Tentative Judges- Ron Miller and Joe Mattingly and Univ. of Akron (Regional)- March 5-Tentative Judges-Cameron Fraser and Joe Pfeiffer. Requested Prize money \$100 for each- Approved for Project that is polymer oriented in nature. IDEAS for Husky 2006 were noted as possible subjects to build a project around including: ACCESS new schools-PR, Local Business support of Scholarship- more PR, PR article- Beacon Journal, or Company of the Year Award re Past Presidents. Scholarship applications due in March 1.

**Education Foundation:** Check status of all contributors including Gen Corp. Amruth Puttarudraiah and Ron Miller are new members. Kevin plans to bring on 5 new Sponsors. ACTION: **Need format ideas as to how to inform Members of those companies that do contribute. Testimonial letters, Poster board etc.**

**Website:** Tony has checked and will follow-up week of Feb 7 with Polysort on current pricing structure. He will also confirm the recent bills Gary has invoices for reference.

**Advertising:** No report.

**Auction:** Ron Miller has agreed to Chair-April 18 and Joe Mattingly, David Schultz, Kevin Malpass and Joe Pfeiffer will help. **Plan a meeting week of Feb 7 to review plans. Ron to get phone numbers to all involved for contacts. David Katz- Need to help with LOCATION and Venue- need unique place and food to draw members- not Guys. Need to contact D. Jenkins as Auctioneer- contact number is needed.**

**Program:** Program has been finalized for Feb 21, 2005- Martin Center, with Berstorff. **Cameron has confirmed Lockheed Martin for March 21- with Tour. David Katz to help with Dinner location. Suggest linking to speaker and tour companies on our website to increase attendance.**

**House:** David Katz reports Feb set. **Need details for March.**

**Spring Golf:** David Katz and/or Bud Seymour will help a Chairperson- **Joe M. to contact potential candidates.** Date May 13, 2005 at Barberton Brookside. Consider a combination outing with other Sections.

## **Old Business:**

- Gary Taylor looking into Bonding Issues.
- Cameron Fraser looked into D and O - Intl suggests that Sections consider at \$200/year- Board states not interested. Hotel bartender controls consumption at Events.
- Viv looked into General liability Insurance with Intl. re TOPCON.- Intl suggests that cancellation issues be considered- cost approx. \$500 per year. **Board suggests that TOPCON consider as TOPCON expense.**
- Bob Wegelin has forwarded details/history of Twin Section United Kingdom.



# Minutes of Board Meeting – Feb. 7, 2005 (cont.)

•Joe Mattingly started conversations at K- Show and has sent all Board Members UK Section- Newsletter- look into continue swapping information . Need to have Key contact established.-**Joe to determine who that will be in Akron Section.**

## New Business:

- ACCESS Meeting- Joint Society Meeting planned for April 28.
- Past Presidents Committee- Bob Wegelin confirmed that Akron Area SPE Company of the Year is the Project the Past Presidents will work on for 2006. Need to confirm Criteria. Bob plan follow up for Feb. 28 at AES 5:00 p.m.


Ohio Rubber and Plastics Group – First Meeting was Feb 10<sup>th</sup> at Martin Center - see rubber.org for details.

**Closing Comments:** Continue to think of potential new board members and Committee Members for 2005-06. Adjourned at 7:17 p.m. Next board meeting on March.7, 2005 at Americhem 5:30 PM.


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## Membership Report – Jan., 2005

Current total is **421** paid members.  
2 New members. They will be sent welcome emails.  
One transfer in and one transfer out of the Section.  
8 members renewed.

### Membership News from National

- Total membership for January 2005 is 20,333.
- Ahead of last year by 750 members.
- A.I.M.** program summary presented at January Council Meeting.
- For tracking and encouraging new members, go to [www.4spe.org/communities/ld/aim.php](http://www.4spe.org/communities/ld/aim.php).

### New Members

Say “hello and thanks for joining” if you know the following people.

Daniel F. Drzik, Walton Plastics Inc.  
Brian Nawrocki, Saint-Gobain



## Councilor's Corner

### January, 21-22 Meetings in Atlanta, GA

The following SPE Officers were elected for 2005-2006: Timothy Womer for President-Elect; Vicki Flaris, Senior Vice President; Hector Dilan, Vice President, International. Barbara Arnold-Feret was elected Chairperson of the Council-of-the-Whole.

The approved 2005 budget projects a surplus of \$79,000. This does not include rebate payments which will be reinstated January, 2006. Councilor feedback will form the basis of a Rebate Proposal by the Rebates Committee for discussion and action at the May, 2005 Council-of-the-Whole and Council meetings in Boston. SPE continues to work to reduce staff and overhead expenses while maintaining member programs.

The proposed by-law change B-9.7 to record the names of councilors and proxies voting on issues that concern changes in fees, dues or rebates was defeated.

The largest financial risk in the budget is the ANTEC revenue. We are all urged to promote and attend ANTEC and to stay at SPE's designated hotels to prevent attrition costs. A motion to have councilors pay 50% of the technical program registration fee to attend the ANTEC Technical Program was defeated.

SPE membership increased by 3% at the close of 2004 compared to the close of 2003. Modest growth is anticipated for the early part of 2005. This is believed to be due to the new membership growth programs including the new AIM program—Action Increases Membership. If you know of anyone that you may meet in the course of your job please ask them to become members of SPE and then contact the SPE website at [www.4spe.org](http://www.4spe.org) to register these new member prospects with the AIM program. SPE will then follow up with SPE promotional materials and track these prospects.

SPE is doing very well in Europe with new Sections, SIGs, Conferencing and workshop program and increasing membership. A new European Coordination Committee has been formed to support continued growth and progress.

There was considerable discussion on the proposed new Pinnacle Award which is geared more toward membership growth and would replace both the Star Award for Section performance and the Pride Award for Division performance. This will be discussed further at the May COW and Council meetings.

All sections are encouraged to submit candidates for the various SPE awards such as the Husky Award for \$5,000, the Chase Award for \$2,500 and the Stretch Award to student chapters. Very few Sections have submitted at this time. We are strongly encouraged to USE IT OR LOSE IT!!! Sections are also encouraged to use the Section-Division Matrix and the SPE on-line directory to update section demographics to help with Section programming and particularly with new seminars, workshops, Minitecs and Topcons which involve section-division interaction. Lets get INNOVATIVE.

Ohio Sections met separately to identify ways of working better together and sharing successes, newsletters and events. Look for more on this later.

On the downside, the Central Ohio Section has been declared ABANDONED. Its members will be picked up by adjoining sections.

*Viv Malpass*





## Akron Polymer Training Center

Provides training classes for plastic and rubber processors taught by University of Akron faculty and industry professionals. Visit our website at [www2.uakron.edu/aptc](http://www2.uakron.edu/aptc) for a complete list of our current course offerings.

### Customized Development and Delivery

The Akron Polymer Training Center also specializes in customized training developed specifically for your employees. Depending on your company's particular needs, our courses can be taught on site at your location, or at our state-of-the-art facility on the campus of The University of Akron.

Our programs are designed to enhance on-the-job effectiveness for all professionals working in the polymer field. If you are experiencing difficulty with polymer-related design or processing problems, contact us. Our reliable and dedicated staff will work with your team to develop a training strategy guaranteed to produce results. Contact Tayba Tahir by phone at **330.972.8661** or email Tayba at [tahir@uakron.edu](mailto:tahir@uakron.edu). If you don't see what you need, no problem! We have the resources to solve even the most vexing polymer processing and design issues.

## SPE Student Chapter News

- Feb, 2<sup>nd</sup>** : Career Building seminar took place in the Lecture Hall between 1:00 and 2:30 pm. Two speakers from industry: Reza Sadeghi from A.Schulman company and Barbara Gedeon from Bodycote Broutman Polymer Laboratory gave talks about interviews, job markets and employment opportunities.
- Feb, 3<sup>rd</sup>** : PESO officers prepared the Spring schedule including activities and assigned tentative dates for activities.
- Feb, 4<sup>th</sup>** : PESO completed and submitted Extracurricular Activities Fund request. Budget preparation for next year is completed.
- Feb, 4<sup>th</sup>** : SPE STRETCH Award application has been prepared and sent.
- The arrangements about ANTEC have been started. It's still in progress. After preparing list of students who will go to ANTEC this year, a meeting by PESO officers will be arranged to make necessary arrangements for traveling, registration and lodging etc.
- The arrangements for Spring Bowling Night is in progress.
- According to the students' needs we are planning to arrange another seminar in which the immigration and visa issues will be brought up.

Zehra KALKAN



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# DEADLINE APRIL 15, 2005

## AKRON SECTION SOCIETY OF PLASTICS ENGINEERS NOMINATION FORM FOR ELECTION OF CANDIDATES TO THE PLASTICS HALL OF HONOR

Election to the **Plastics Hall of Honor** is conferred annually upon Akron area men and women who meet the following criteria:

1. Exceptional effort and accomplishment in the field of plastics;
2. Extraordinary dedication over many years that has contributed to growth of the plastics industry;
3. Have not received National or International recognition.

The **Plastics Hall of Honor** seeks to recognize individuals for their quiet service, loyalty, and support over the years. They are the unsung heroes, the everyday foot soldiers of our industry – area employers, employees, and educators whose accomplishments are lacking only in recognition.

If you personally know of such a deserving candidate, please forward your nomination to the Selection Committee, using this or any mailer.

Name of Nominee (include title) \_\_\_\_\_

Address \_\_\_\_\_ Phone No. \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Present Affiliations (Plastics) (Including dates and positions held) \_\_\_\_\_

Former Affiliations (Plastics) (Including dates and positions held) \_\_\_\_\_

Specific Contributions (Patents, Publications, Concepts, etc. to Plastics Industry or Companies) \_\_\_\_\_

Related Plastics Activities (Clubs, Organizations) \_\_\_\_\_

Brief Statement Supporting the Candidate (Attach Additional Pages if Necessary): \_\_\_\_\_

### ***Membership in SPE not required to nominate or to be nominated***

Name of Nominator \_\_\_\_\_ Signature \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

### **PLEASE REFOLD, SEAL, AND MAIL OR FAX THIS FORM BY APRIL 15, 2005**

To: Advanced Elastomer Systems, 388 S. Main St. Akron, Ohio 44311, J. Pfeiffer

**FOR ADDITIONAL INFORMATION PLEASE CALL JOSEPH E. PFEIFFER AT (330)849-5097, fax to (330)849-5589  
OR VIA E-MAIL AT [jepfeiffer@santoprene.com](mailto:jepfeiffer@santoprene.com)**

Nominate a co-worker, employer, teacher, media person, leader, or any unsung hero who deserves this honor.

Honorees will be installed in the **Plastics Hall of Honor** in May at a special SPE awards night. Their names and photographs will be displayed in the **Hall of Honor** within the University of Akron, Polymer Science Building.

Frank N. Kelley, Honorary Chair,  
Dean, University of Akron, College of Polymer Science and Polymer Engineering  
Joseph E. Pfeiffer, Senior Applications Specialist, Advanced Elastomer Systems, L.P.

## Akron Section Society of Plastics Engineers, Inc.

The Akron Society of Plastics Engineers Educational Foundation operates exclusively for the benefit of and to carry out the purposes of the Akron Section of the Society of Plastics Engineers, Inc., which is to promote scientific and engineering knowledge relating to plastics by making educational scholarship grants to deserving students in the field of plastics engineering and related subjects. The Organization is supported primarily by contributions from the Akron Society of Plastics Engineers, the Society's individual members and corporations like yours affiliated with the polymer industry.

Since the inception in 1988, the Akron Society of Plastics Engineers Educational Foundation has grown to its current position through the hard work of many volunteers and the generosity of the local business community. Over the twelve years that the foundation has been in existence, it has provided scholarships to over 200 young men and women, totaling in excess of \$100,000 to assist them in furthering their careers in the polymer industry.

Our goal is to continue to grow the assets of the Foundation in order to increase the number of scholarships awarded as well as the size of the awards, and to do so in perpetuity. In doing this, we hope to be able to contribute to the supply of well-trained individuals to support the growth of the polymer industry in the Northeast Ohio area today and well into the future.

When the Foundation began its fund raising activities in 1988, we offered those companies who contributed \$30,000 a scholarship in their name. To date we have two named scholarships -- ***Newell/Rubbermaid*** and ***Goodyear***. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please check below:

\$30,000 lump sum     \$10,000 / yr next 3 yrs.     \$5,000 / yr next 6 yrs.  
 other \_\_\_\_\_

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your donation at our Awards Night, which will be scheduled in May.

I am looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 216-573-7467 or e-mail at [kevin.malpass@gepolymerland.com](mailto:kevin.malpass@gepolymerland.com) with any questions. Thank you for your consideration.

Sincerely,  
Kevin Malpass, Chairman  
Akron Section Society of Plastics Engineers, Education Foundation



**Akron Section Society of Plastics Engineers**

Kathy Perevosnik, Advertising Manager  
330-849-5119

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**Insertion Order 2004-05**

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Delivered via email, stored at <http://www.akronspe.org/newsletter.htm>

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## Applicant Information

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 \_\_\_\_\_  
 first last mi

**Applicant Type:**  
 Member  
 Student (must supply graduation date \_\_\_\_\_)

**Job Title:**  
 \_\_\_\_\_

**Company Name and Business Address (or College):**  
 company/college:  
 \_\_\_\_\_  
 address:  
 \_\_\_\_\_  
 address:  
 \_\_\_\_\_  
 city: state:  
 \_\_\_\_\_  
 zip: country:  
 \_\_\_\_\_

**Work Phone:** ( ) \_\_\_\_\_ **Fax:** ( ) \_\_\_\_\_

**Home Phone:** ( ) \_\_\_\_\_

**Email:** *used for society business only*  
 \_\_\_\_\_

**Home Address:** *(please provide)*  
 address:  
 \_\_\_\_\_  
 address:  
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 city: state:  
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 zip: country:  
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**Preferred Mailing Address:**  
 Home  Business

**Job Function:**  
*(choose only one)*  
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 Design (02)  
 Education (08)  
 General Management  
 Library (10)  
 Manufacturing (04)  
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 Purchasing (06)  
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**PAYMENT MUST ACCOMPANY APPLICATION**  
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SPE membership is valid for twelve months from the month your application is processed.  
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By signing below I agree to be governed by the Constitution and Bylaws of the Society and to promote the objectives of the Society. I certify that the statements made in the application are correct and I authorize SPE and its affiliates to use my phone, fax, address and email to contact me.

signature \_\_\_\_\_ date \_\_\_\_\_

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