

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 47th Year of Education and Service to the Plastics Industry

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Costs, Schedules, Reservations

Member	\$25.00
Member and One Guest	\$40.00
Retiree	\$20.00
Student	\$10.00
New Members	No Charge
Cocktails	5:30 p.m.
Dinner	6:15 p.m.

Call or email Cameron Fraser
before noon, Sept. 12 and specify
dietary restrictions.

(330) 972-6008 T; (330) 258-2339 F
cfraser@uakron.edu

Coming Up:

- Next meeting – Oct. 17, 2006
- Board meeting – Sep. 11, 2006,
5:15 p.m., Polymer Eng. Center

Technical Meeting

Monday, September 18, 2006
5:30 p.m.

Martin University Center

105 Fir Hill Street
East Side of University of Akron Campus

Latest Advances in Engineering Thermoplastics
By Bob Moran, Application Development Specialist
GE Plastics



imagination at work

This presentation will center around recent developments in the GE family of LEXAN* polycarbonate resins. Also presented will be information on other new GE engineering thermoplastics. Some recent application successes of these high performance materials, as well as future market and application trends, will be discussed.

See page 3 for
Mr. Moran's biography

Sept., 2006, Page 1



President's Message

Summer is over and the children are back to learning and developing themselves for their futures. SPE is here to help you develop your future, too. Our monthly technical meetings allow those ambitious people to excel in knowledge versus their peers and to provide their employers with employees that want to help their companies stay in business and succeed in these tough times where jobs are being lost because we are no longer competitive in our fields. Therefore, I encourage all of you to attend our meetings regularly and improve your knowledge to keep you competitive and employed.

*John Woodside
President*



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- PRL NY – Polyamide

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TPESIP Call for Papers ANTEC 2007

I would like to announce a call for papers for ANTEC 2007 in our beautiful Ohio city of Cincinnati. ANTEC will be held from May 6-10, 2007. The TPE special interest group is looking for papers on the general subject of thermoplastic elastomers. New materials, new chemistry, new applications, or new processing techniques? All are welcome. Abstracts are due by October 16, 2006. Just hit the below link if you want more details for submittals. If you want to discuss or send me an abstract, that would be great. Just use the email below. I am the program chair this year for the TPE special interest group and I would love to see some papers from our local Akron chapter.

<http://www.4spe.org/conf/antec07/submissions.php>

Joe Pfeiffer – jepfeiffer@santoprene.com



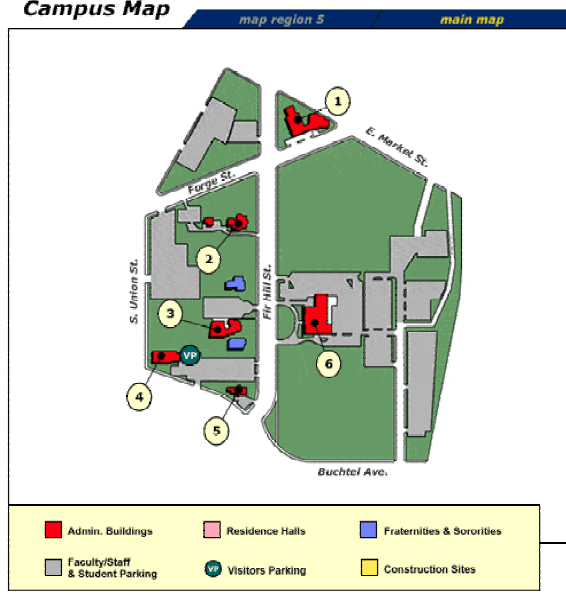
Map to Martin University Center 105 Fir Hill Street Akron, Ohio

Directions: Exit Ohio 8 at Buchtel Street (between Central Interchange with I-76/ I-77 and the high bridge). Go West one block to Fir Hill and turn North. Parking lot is on the north side of Martin University Center.

If the ramp from 76/77 to Route 8 is still closed, traffic from the West should use the Route 59 detour, exit at Cascade Plaza and come up Mill Street past the APTC to Forge and then Fir Hill.

You may zoom in

Campus Map



Bob Moran

Biography of Speaker

Bob Moran, a 1971 graduate of Lowell Technological Institute with a BS in Plastics Engineering. Initially worked for Crellin Plastics, in Chatham, NY as a Project Engineer in the areas of materials and process engineering, secondary operations, and served as Manager of Quality Control for the three Crellin plant sites. Bob has worked for GE Plastics for the past 28 years in the areas of Secondary Operations Engineering, Field Marketing, and three assignments in the Industry Programs area with focus on computer internals, industrial equipment, and furniture markets. Bob managed a national field marketing team and then took over as Regional Technical Manager for the North Central Region based out of Cleveland. Bob has since been Black Belt certified in Six Sigma techniques and now works in this geographic area as an Application Development Specialist for the Polycarbonate based marketing team.



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Technical Sales, Consulting and Representation



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Presenting the latest in:

- **Market Trends and Economic Outlook**
- **TPE Material Developments**
- **Application Developments**
- **Advances in Processing Technologies**

The TPE SIG and the Akron Section of SPE invite the submission of papers for presentation at the 8th TPE TOPCON 2007.

Please submit paper title, abstract, author/presenter name and affiliation to:

Iani Manas, Eaton Corp.,

1395 Danner Drive

Aurora, OH 44202

Tel: 330-995-1618

Fax: 330-995-1699

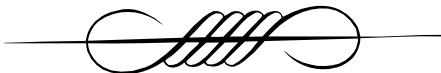
e-mail: ianimanas@eaton.com

Abstract Deadline: January 31, 2007

Completed Paper Deadline: June 1, 2007

Akron Section SPE Past Presidents

46 years of
excellence



1959-1960	Donald F. Siddall	1982-1983	James Steiner
1960-1961	Milan Krajcik	1983-1984	Robert G. Hills
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
		2005-2006	Lloyd Goettler



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Programs for 2006 / 2007

Sept. 18	Bob Moran, General Electric Latest Advances in Engineering Materials -- Martin Center	Dec. 14	Christmas Party (bring significant other) -- Stan Hywet
Oct. 17	Presentation and Tour of Kent State Liquid Crystal Institute -- Kent State Student Union	Jan. 22	Mini-Symposium: Is PVC Dying? -- Guy's Party Center
Oct. 23-24	TOPCON: Recent Advances in Organic and Polymer Display Technologies -- Akron University	Feb. 19	The Future of Nanocomposites Dinner Meeting -- Martin Center
Nov. 20	Latest Advances in Twin-Screw Compounding Extruders -- Guy's Party Center	Mar. 19	Molders Night – Global Competitiveness -- Guy's Party Center
		Apr. 16	Bio-Engineering with Polymers -- Martin Center
		May 21	Awards Night -- TBA



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Membership Report – June-July, 2006

•Akron had 6 new members join in July. Our membership number is at **392**. See list for new members. We also had one transfer out. Twenty-one members also renewed in July, thank you.

Membership News from National

•National news, total membership is at 18,817. Variance from May is (1331).

Membership chair, Joe Mattingly

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

July, 2006

William F. Cole
Dell-Energy LLC
Gerald T. Edwards
Student
Ashley Kropf
ExxonMobil Chemical
Milad Mehranpour
Student
Richard A. Reichert, Jr.
OM Group
Timothy R. Wright,
Global Body and Equipment

The logo for the Akron Polymer Training Center (APTC) features the letters 'APTC' in a bold, blue, serif font. To the right of the letters is a circular emblem containing a stylized yellow and blue design.

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 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. 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.



Minutes of Board Meeting – August 14, 2006

Call to Order: 5:20 PM at Polymer Engineering and Academic Center

Present: John Woodside, Dave Schultz, Lloyd Goettler, Cameron Fraser, Vivian Malpass, Hermant Thakkar, Joe Mattingly and Tony Dean

Absent - Josh Wong, Sadhan Jana, Bob Wegelin, Kevin Malpass, Joe Pfeiffer, Reza Sadeghi, Amruth Puttarudraiah, Gary Taylor, Kaan Gunes and Sylvain Seif

Minutes: June minutes approved.

Added items to Agenda: None.

President: John Woodside welcomed the 2006-07 Board to the first meeting stating we have lots of work to do to keep up with last year's tremendous year and Awards.

Past President: Lloyd commented that Awards Committee has noted a Technical Q&A section needs to be more prevalent in Newsletter. Noted- Newsletter- Joe Pfeiffer with website may tie together to satisfy the criteria to a greater extent. John and Viv will report to Committee.

Treasurer: No report.

Secretary: Thanks to Tony Dean - Acting Secretary for May/June.

Awards Night: Cameron reports on Hall of Honor--Pictures- 2006 Winner in process. Photographer/Framer is being visited by Joe and Amruth to obtain-past winners pictures.

Student Chapter: New PESO President is Sylvain Seif- Not Present –Kaan Gunes not present. Chase Award--PESO in process of setting Polymer Awareness Fair- Need to know dates and who is needed to help from Board. Approximately 40 high school students will participate. Projects will involve nanocomposites, water soluble polymers, recycling, etc. Student chapter must keep good financial records. Kaan plans to remain on the board.

Newsletter: Joe Pfeiffer plans to handle Newsletter for year as well as Councilor and needs Newsletter items by August 25. Kaan Gunes will handle the technical content of the newsletter in the 2006/2007 year. Need to modify Newsletter on contact information for Meetings.

Membership: Joe Mattingly will replace Joe Pfeiffer and reported that the section membership stands at 392- 6 new Members- will be invited to Sept Meeting- Free of Charge.

Councilor's Report: Joe Pfeiffer, new Councilor will not be present for first meeting- Pittsburgh. Viv will attend as Proxy.

EPSDIV TOPCON 2006: No report - On Track (1) The conference is a go.

TPE TOPCON 2007: Vivian Malpass reported that TOPCON is on schedule. Would like to have Seed money from Akron Section-\$3,000 in Jan. 2007. Need to have Board Vote- Future.



Minutes of Board Meeting – August 14, 2006 (cont.)

Education Committee: Hemant Thakkar said all accounts have been handed over to him. Plans a meeting in the near future with Committee Members to set actions for year. Kaan Gunes will help him in the 2006/07 year. Scholarship rules discussion tabled until future meeting.

Education Foundation: No report. Unable to transition to the 2006/2007 group since Bob Wegelin absent. Bob Wegelin to call special meeting and install new group for Education Foundation. Education Foundation may request funds from Akron SPE. Note: Omnova to contribute to Fund-Bob Wegelin to confirm.

Advertising: Joe Mattingly reports that we have first Sponsor on for Newsletter for 2006/07 and that he will soon be sending letters to all past Advertisers and potential new companies.

Public Interest / Website: Tony Dean reported all sites at website have been updated and he will continue to have the Akron Beacon Journal publish Akron SPE events. Tony Dean still looking into ABJ E-News site. Website:

- (1) Pictures and write-ups from Awards Night and Golf Outing.
 - (2) New post office address on website.
 - (3) Officers and directors list for 2006/2007.
 - (4) Calendar for 2006/07.
 - (5) Investigate possible awards for website.
- Tony Dean to do.

Program: Vivian Malpass reports he has assembled a complete Program for the coming year. Viv reports Program and Speakers set for - Sept. 18- GE Plastics--Advances-Engineering Thermoplastics at Martin Center, Oct 16- Liquid Crystal--Kent State, Oct 23-24- TOPCON EPSDIV, Nov 20- Twin Screw- Coperion. Dec 14- Holiday Event being planned for Stan Hywet- details to follow- Buffet with Cash Bar.

Fall Golf:

Spring Golf:

House: Cameron Fraser said that a room in the Polymer Engineering building can be used for the 2006/2007 board meetings. Cameron Fraser will arrange for parking permits. He will also take reservations for 2006/2007 regular meetings. Need to add to Newsletter contact information. Plan to look at other locations for Awards- Hilton, Sheraton.

ACCESS: Joe Mattingly and Lloyd Goettler will be the Akron Section SPE representatives to ACCESS for the 2006/2007 year. John Woodside will attend as the SPE President.

20/20 Program: The Past Presidents will implement the proposed 20/20 Program. Viv will spearhead the 20/20 Program with first company set. Lloyd and David will assist with visit and preparation of documents to have available during visit to include- 20 Reasons to Belong, Action Items that can be done by target companies plus Akron Section- Web Page for contact and International Membership forms.

Old Business: Nothing to report.

New Business: SPE India TOPCON: SPE India Section is organizing a two full day TOPCON titled "Emerging Trends in Polymer Technology-2006". Discussion tabled until next board meeting.



Minutes of Board Meeting – August 14, 2006 (cont.)

New Business: *(continued)*

Training Board Members- Sept 27---Tricia McKnight- Intl SPE has agreed to come to Akron- Polymer Engineering and Academic Center to put on Training for current Board Members. Joe Pfeiffer took part in Chicago- felt was EXCELLENT. John Woodside encourages ALL Board Members to attend.

Rubber Div- ACS- Ed Miller has inform Lloyd Goettler they would be willing to do a joint TPE Conference in future.

Closing Comments: Next board meeting will be held at Polymer Engineering Center--Sept. 11 at 5:15 PM. Adjourned at 6:30 PM.

News from Student Chapter

My name is Sylvain Seif and I am the current president of the Polymer Engineering Student Organization (PESO) at the University of Akron. I am pursuing a PhD degree in polymer engineering and am entering my second year of the program. Let me first begin by introducing the officers of my committee:

Sylvain Seif, President; Traian-Ovidiu Gheorghiu, Vice President; Shanshan Wang, Treasurer; External Affairs Officers Michael Morr and Wei Zhao; and Coordinators Neelakandan Chandrasekaran and Maurice Wadley.

Some of the prospective events which my group is working on include a first annual career fair to be held solely for the College of Polymer Science and Polymer Engineering at the University of Akron, a "Plastics Awareness Day" to be held in late October, a Christmas party intended to bring together faculty, staff, students and their families, and many other events such as biweekly movie nights, bowling nights or ice skating day, to name a few. We already had a welcoming picnic for new students entering into the program, and this included lots of food and refreshments, as well as a variety of sports including volleyball, basketball, swimming and frisbee. The picnic was intended to allow the new students to meet with current polymer engineering students, faculty and staff of the Department of Polymer Engineering.

The "Plastics Awareness Day" will be organized in the form of a festival to increase the knowledge and interest of the community in plastics, and to exhibit the various research activities of the University of Akron Polymer program. This event is very beneficial as it is meant to increase public awareness in polymer research at the university level, as well as to allow students to improve upon their research and presentation skills through attending a science fair, an essay contest and a polymer trivia quiz. Also, the community will be made aware of training opportunities in polymers at the University of Akron through the ABET-accredited Mechanical Polymer Engineering undergraduate and the Polymer Engineering graduate programs.

One other major event we are organizing includes a first annual "Polymer Career Fair" which will be held sometime late this spring. This event's main purpose is to facilitate job seeking for students by bringing students and industrial employers together and to familiarize students with several companies and what these companies do. This will allow students to more easily choose which type of companies to apply for. Resume books holding information on our third and fourth year students have already been printed out, and these books will be handed over to the employers at the day of the fair. We will try to have at least two career-building seminars prior to the fair. These seminars will be hosted by career management personnel at the university or by workers from industry. Their intent is to prepare students in job searching skills, interview skills and resume writing skills.



Minutes of Board Meeting – June 12, 2006

Call to Order: 5:30 PM at Gus' Chalet Restaurant.

Present: Lloyd Goettler, Cameron Fraser, Vivian Malpass, Kevin Malpass, Joe Pfeiffer, Hermant Thakkar, Reza Sadeghi, Amruth Puttarudraiah, Gary Taylor, Kaan Gunes and Tony Dean (Acting Secretary)
Absent - John Woodside, Dave Schultz, Josh Wong, Sadhan Jana and Bob Wegelin.

Minutes: May minutes approved.

Added items to Agenda: None.

President: Lloyd commented on the number of awards won by the section this year. The 2006/2007 Section Officers List was again updated and handed out.

Treasurer: Gary Taylor reported the balance in checking. TOPCON has become a major source of funding now replacing the Vendor Night Auction. Suggestion was made to put more money into the Education Foundation. Subject tabled until a future board meeting.

Secretary: Tony Dean reported he was taking minutes in lieu of Dave Schultz.

Awards Night: Cameron Fraser gave Tony Dean a CD with pictures from Awards Night. Selected pictures will be posted on the Akron SPE website. Need a professional photographer to take a picture of Robert Digiantonio for hanging in the Polymer Science Building - Cameron Fraser to handle. Honor nominees have not been hung on the wall of the Polymer Science Building for the last three years. Pictures have to be taken from the photographer studio and hung. Amruth Puttarudraiah and Joe Pfeiffer to handle.

Student Chapter: Kaan Gunes reported that planning is already underway for the Chase Award program. Approximately 40 high school students will participate. Projects will involve nanocomposites, water soluble polymers, recycling, etc. Student chapter must keep good financial records. A canoeing outing, in lieu of a picnic, was held. Kaan reported good attendance. Student elections will be held June 23, 2006. Kaan plans to remain on the board as well as the new president.

Newsletter: Joe Pfeiffer reported the June newsletter was sent to Polysort for posting June 12. After the June newsletter, the address list supplied by SPE Int'l will be used. Kaan Gunes will handle the technical content of the newsletter in the 2006/2007 year.

Membership: Joe Pfeiffer reported the section membership stands at 420.

Councilor's Report: Membership of SPE is remaining flat. Vivian Malpass says this is not OK and more must be done to attract new members. Attendance at the 2006 ANTEC was 2063. New by-laws refer to a policy for operation; nobody has seen the policy. Joe Pfeiffer will not be able to attend the next councilor's meeting September 30 in Pittsburgh. A substitute is needed to go in Joe Pfeiffer's place.

EPSDIV TOPCON 2006: The conference is a go. There are 20 speakers now and 4 sponsors contributing \$500 each. Need to pass the word around to the local Akron technical societies. The split of the profits is 40% SPE Int'l, 40% EPSDIV and 20% Apron Section SPE. The advance program will go in the July issue of *Plastics Engineering*.



Minutes of Board Meeting – June 12, 2006 (cont.)

TPE TOPCON 2007: Vivian Malpass reported the TOPCON is on schedule. The first meeting on the 2007 TPE TOPCON 2007 was held on June 7. Vivian said that \$7K of seed money will be needed (\$3K from the Akron Section and \$4K from the SIG). The money will be requested when needed.

Education Committee: Hemant Thakkar said all accounts have been handed over to him. Kaan Gunes will help him in the 2006/2007 year. Scholarship rules discussion tabled until future meeting.

Education Foundation: Unable to transition to the 2006/2007 group since Bob Wegelin absent. Bob Wegelin to call special meeting and install new group for Education Foundation before June 30. Education Foundation may request funds from Akron SPE at the next meeting.

Advertising: The website has been updated with the new advertising page.

Public Interest / Website: Tony Dean reported he will continue to have the Akron Beacon Journal publish Akron SPE events. Tony Dean will look into ABJ E-News site. The Beacon has changed owners. Tony Dean will work to keep up and improve current relations. The website (Tony Dean) will be updated to include:

- (1) Pictures and write-ups from Awards Night and Golf Outing.
 - (2) New post office address on website.
 - (3) Officers and directors list for 2006/2007.
 - (4) Calendar for 2006/07.
 - (5) Investigate possible awards for website.
- Tony Dean to do.

Program: Vivian Malpass has assembled a proposed program for the coming year. He has discussed the program with John Woodside and John is in agreement. John Woodside and Vivian Malpass to discuss meeting locations with new House chairman, Cameron Fraser.

Fall Golf:

Spring Golf:

House: Cameron Fraser said a room in the Polymer Engineering building can be used for the 2006/2007 board meetings. Cameron Fraser will arrange for parking permits. He will also take the reservations for 2006/2007 regular meetings.

ACCESS: Joe Mattingly and Lloyd Goettler will be the Akron Section SPE representatives to ACCESS for the 2006/2007 year. John Woodside will attend as the SPE President.

20/20 Program: The BOD decided that Past Presidents should implement the proposed 20/20 Program. The program was sent to board members for comments.

Old Business: Nothing to report.



Minutes of Board Meeting – June 12, 2006 (cont.)

New Business: SPE India TOPCON: SPE India Section is organizing a two full day TOPCON titled "Emerging Trends in Polymer Technology-2006". They are asking for support in terms of sponsorship, sponsored speakers and attendance. Lloyd would be interested in being a speaker from our section and will request financial support. Discussion tabled until next board meeting.

Closing Comments: Next board meeting will be held at Polymer Engineering Center. John Woodside to determine time. Adjourned at 7:25 PM.



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- 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



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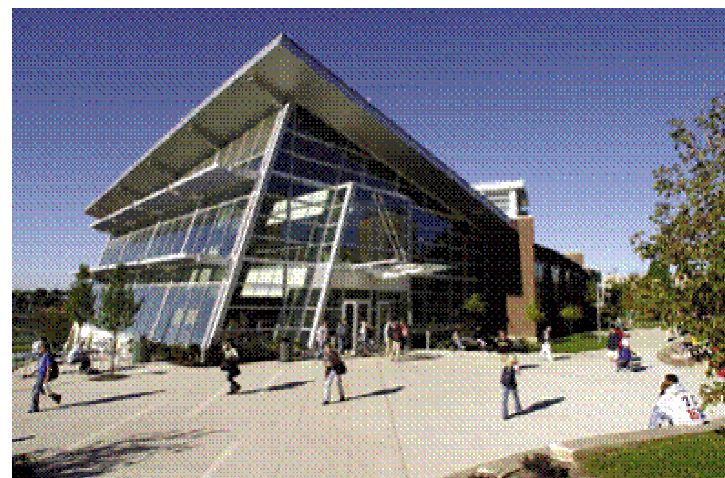


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Engineering Properties and Structure Division

Akron, Ohio

October 23 and 24, 2006

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TOPCON 2006: Recent Advances in Organic and Polymer Display Technologies

Engineering Properties and Structure Division

Day One

Morning Session

Materials considerations – design rules for synthesis

**Ching Tang, University of Rochester*

“Perspectives on Organic and Polymer Displays”

**Mary E. Galvin, Air Products/University of Delaware*

“Electroactive Molecules and Polymers for Use in LEDs and PVs”

**Stephen Cheng, University of Akron*

“Polymer Films for Liquid Crystal Display Applications”

**Franky So, University of Florida*

“Dye-Dispersed Polymer Electrophosphorescent Devices for Solid-State Lighting”

Afternoon Session

Patterning, processing and fabrication

**Tom Jackson, Pennsylvania State University*

“Vapor and Solution Deposited Organic Semiconductor Transistors”

Yueh-Lin Loo, University of Texas at Austin

“Materials Consideration and Patterning Strategies for Organic Transistors”

Shawn Williams, Plextronics, Inc.

“Advances in Plexicore™ Technology for Printed Electronic Devices”

Myeong-Ho Hong, Samsung Electro-Mechanics Co.,

“Thermal Imprinting Processing Technologies for Printed Circuit Board Fabrication”

* *indicates invited speakers*

Day Two

Morning Session

OLEDs and liquid crystal displays

**Michael Lu, Universal Display Corporation*

“Enabling Large-Area OLED TVs with High Efficiency Phosphorescent OLEDs”

**Shaw Chen, University of Rochester*

“Organic Polarized Light-Emitting Diodes Using Monodisperse Glassy-Nematic Oligofluorenes”

* *Satyen Kumar, National Science Foundation and Kent State University*

“The Use of Polymers in Liquid Crystal Display Device”

Timothy Schunk, Eastman Kodak Company

“Enhancing the Durability of Polarizers for Liquid Crystal Displays Under Environmental Stress”

Afternoon Session

Physical properties of opto-electrically active polymers

**Miko Cakmak, University of Akron*

“Mechano-optical Behavior of Polymer Films for Retarder Applications”

Abhishek Kumar Srivastava, Lucknow University, India

“Dielectric Study of Polymer-Liquid Crystal Composites”

Cheol-Ho Choi, Samsung Electro-Mechanics, Co.

“Liquid Crystal Polymers in Printed Circuit Board”

Jehuda Greener, Eastman Kodak Company

“The Barrier Problem in Flexible OLED Displays: a Modeling Approach”

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 -- **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.
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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.

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



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	Technical Affiliation	24 Divisions represent major industry specialties	www.4spe.org/communities/divisions
MEDIA	Newsletters	News & events about specific local & technical affiliations	www.4spe.org/communities/newsletters
	<i>Plastics Engineering (PE)</i>	The official monthly publication of SPE	www.4spe.org/pub
	SPE Online	Your 24/7 source for Society information	www.4spe.org
	Tech Focus	Monthly electronic newsletter offering society & industry news	www.4spe.org/membercenter
TECHNICAL	Online Technical Library	Searchable database of technical articles & conference papers	www.4spe.org/membercenter
	Message Forums	Online question & answer forum	www.askpip.com
	Special Interest Groups	Emerging areas not currently covered by technical Divisions	www.4spe.org/communities/divisions/#sig
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