Polymer Valley News

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

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Costs, Schedules, Reservations

Member	\$30.00
Member and Guest	\$50.00
Retiree	\$15.00
Student	\$10.00

Registration, Social

and Silent Auction 5:30 p.m.
Dinner 6:30 p.m.
Auction 7:15 p.m.

Call Cathy Herrin before noon, Apr. 13 and specify any dietary restrictions.

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

Vendors Night and Auction

Monday, April 18, 2005

Raintree Country Club

4430 Mayfair Road *Uniontown. Ohio 44685*

The Akron Section of SPE represents over 400 local members within an over 20,000 member global organization. Over the past years, our local chapter has been able to award scholarships in excess of \$160,000. Last year, awards totaled over \$19,000 to deserving students both from college and local high schools. One of the primary fundraisers for our Education Foundation has been monies from this annual Auction event.

Members, their families and friends, and the general public are all invited to attend. The evening is fun-filled with spirited bidding and grand purchases that could be yours for enjoyment. We are grateful to each of the organizations and companies that have donated items this year and in previous years. Many of these items are personally donated as well. We will even have an auctioneer, and this year we are trying a new venue at Raintree to add even more ambience. Now we need lots of people to take part in this special event. Come on down and get a good deal and contribute to a worthy cause.

Please help increase attendance! Spread the work, print this announcement and post it. Pass the information on using email. Talk it up and see you there. Watch for emails on donated items so you can be ready to bid.



- Next meeting May 16, 2005: Speaker will be Gerry Faust, former head football coach for Notre Dame and Akron universities
- ➤ Board meeting Apr. 4, 5:30 p.m. at Americhem





Greetings!

Spring has sprung here in Ohio, and I am looking forward to the spring events of our calendar year for SPE. There's a lot to be exited about this spring. Our local section is planning the annual Auction at Raintree Country Club on April 18th. This is where our organization raises funds to finance our education foundation and the scholarship programs that we award each year. Its always a fun event and some great bargains are certain to be had.

Now that the winter weather is passing and the urge to get outside is nagging, we want to encourage our members and guests to join us for our spring golf outing at Barberton Brookside Golf Club on May 13th. This is always a great social event and an excellent opportunity to bring customers, business partners, friends and golf enthusiasts to enjoy the pleasures of the outdoors while supporting your local section.

This year the Awards Banquet is on May 16th at Guy's Party Center. Our guest speaker for the evening is none other than Jerry Faust. If you're a sports enthusiast, you are well aware of Mr. Faust's long coaching career and motivational speaking talents. I'm looking forward to his speech, and the presentation of some well deserved scholarships and recognition for the recipients

See you at our next meeting!

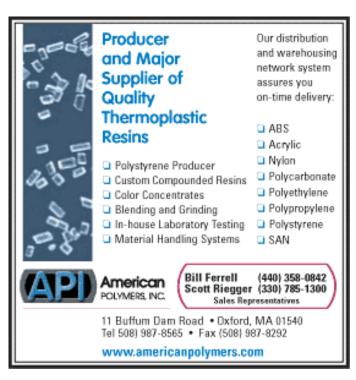
Joe Mattingly
President, Akron Section



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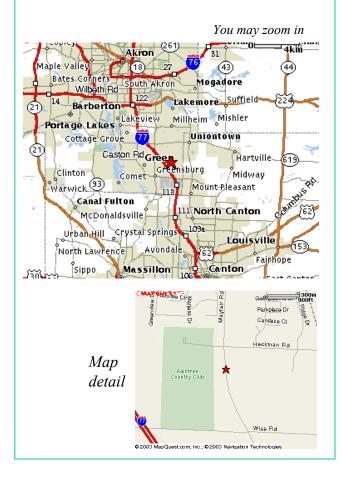




Map to Raintree Country Club

4430 Mayfair Rd., Uniontown

Exit I-77 at Ohio 241 and turn right at foot of ramp. Southbounders go to Graybill Rd. and Northbounders go to Raber Rd. Then go East to Mayfair Rd, turn right and go South. Raintree will be on your left.





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Councilor's Corner

I will be attending the next two Council meetings on Sunday May 1, 2005 at ANTEC in Boston. The first meeting on Sunday morning will be the final meeting of the 2004-2005 SPE year and the second meeting on the Sunday afternoon will be the first (with some newly elected councilors) of the 2005-2006 SPE year.

An important pre-Council review and discussion meeting is the Council-of-the-Whole which will be on Saturday April 30. A very important topic which will be thoroughly discussed at the COW meeting is SPE Rebates. It will be decided at the Council meetings whether SPE will reinstate rebates for 2005-2006 to Sections and Divisions at the Council meetings. Also the formula for calculating the rebates and how these will be paid for by SPE has to be reestablished. At this time, SPE is experiencing some financial difficulties which was the reason that the rebates were temporarily discontinued. It will be a challenge that your Councilor and the other Section and Division Councilors must resolve in order to reinstate rebates without re-imposing severe financial burden on the Society.

If any member wishes to contact me with questions or suggestions concerning this important topic, I will be happy to respond and also to bring up as appropriate at these Council meetings. You can, of course, help improve our financial situation by bringing in new members and by attending ANTEC. Please do your best to support YOUR Society in any way you can.

Viv Malpass

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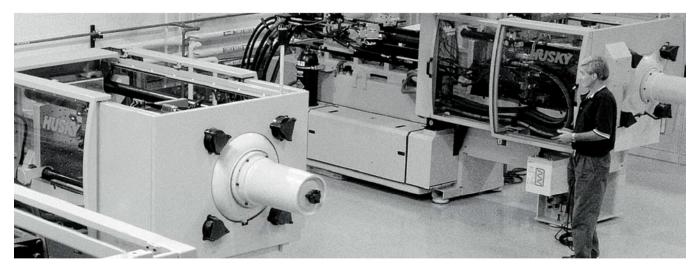


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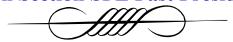


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Akron Section SPE Past Presidents

45 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

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Programs for 2004 / 2005

Sept. 20	"Novel Impact Modification in a	Jan. 24	Nanocomposite program
1	TPO System"		Featured speaker,
	Ferro Corp., Dr. Anna Andrews		Prof. Josh Wong , who is working
	Tangier Restaurant		in expanded graphite flake
	Tangier Restaurant		
			reinforcement for plastics
Oct. 25	"The Changing Global Plastics		University of Akron
	Marketplace"		
	Michael Day Enterprises	Feb. 21	Program by Berstorff
	Michael Day, President, lunch		
	Tangier Restaurant	March 21	Lockheed Martin
	8-11 - 112		
Nov. 15	Demag Plastics Group, tour of	April 18	Vendor Night / Auction
1,0,1,10	facility in Strongsville, OH		Martin Center
	Mapleside Farms		Wartin Center
	Wapieside Famis	3.6 1.6	4 15
		May 16	Awards Banquet
Dec. 13	Social Program – still open		Guy's Party Center
	Hower House, buffet		





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 lagoett@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



Minutes of Board Meeting – Mar. 7, 2005

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

Present: Viv Malpass, David Schultz, Ron Miller, Tony Dean, Lloyd Goettler, Cameron Fraser, Gary

Taylor, Joe Mattingly, John Woodside, Pankay Rathi for Zehra

Absent - Bob Wegelin, Kathy Perevosnik, Kevin Malpass, George Carroll, Bud Seymour, Jerry Robinson,

Ernie Anderson, Amruth Puttarudraiah, Zehra Kalkan, Joe Pfeiffer, Josh Wong, David Katz

Thanks to Americhem for hosting.

Minutes: February minutes were approved. No corrections. Lloyd Goettler introduced a new Board

Member - Hemant Thakkar from ARDL. Welcome, Hemant. Thanks for your help!!

Treasurer: Gary reports that the checkbook is in good shape.

Officers, 2004: Nothing noted.

Awards 2005 Update: Kathy has agreed to Chair, and Bob Wegelin and Joe Pfeiffer will help. Need others to help too!! Need to know what other items need to be done. Cameron Fraser is contacting Jerry Faust as Speaker.

Student Chapter: Pankay reported for Zehra Kalkan-- ANTEC-Boston 2005. A Univ. of Akron Reception will take place in Boston!! BOARD Members are Welcome and encouraged to attend PESO activities! Next Activity -Spring March 11.

Newsletter: If you have anything for newsletter be sure to forward to Joe Pfeiffer or Jenny Digiantonio by March 30. 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. It has been requested that Joe provide details how newsletter announcement goes out.

Membership: No report.

Councilor's Report: Viv reports he has forwarded a Councilor Report to Joe P for Newsletter. Viv plans to attend both meetings of Council at ANTEC in Boston in May.--- PROMOTE AIM- Viv has stressed Akron BOARD Members- those ACTIVE in Leadership roles need to Promote AIM In addition alternate methods besides -word of mouth from the Leaders should be explored as well.

Lloyd Goettler would like to have Viv revisit Directors and Officers Insurance with Intl. It was decided that for TOPCON we did not need the additional Insurance.

Joe Pfeiffer to determine which Divisions- Akron members are involved or part of for determination for Future programming-- need report.

TPE TOPCON 2005: At present confirm 34-36 Papers, more up-date after March 9-Hilton 5:30 PM . Ed Tam-Teknor will confirm to Viv.



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

Education Committee: Essays for next year to tie with ACESS for future targets. It was reported no Judges were available for - Central-Hower (Local)- Jan 26- No prizes given. Akron (Regional)- March 5- Judges-Cameron Fraser and Kathy- prizes given for polymer, plastic oriented presentation- quality not too good according to judges- Action for future. IDEAS for Husky 2006 were noted as possible subjects to build a project around including: ACESS 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 with Polysort re Contract moving forward looking at options one, two or three years.

Advertising: No report.

Auction: Ron Miller reports that Darryl Jenkins- Auctioneer has been booked. Tony Dean will contact Tony Scheibelhofer- re magic tricks. Board Members have been requested to contact local companies for donations. Information to be included in website.

Program: Program has been finalized for March 21, 2005- Lockheed Martin dinner at Café Piscitelli. Auction set for April 18 at Raintree CC. David Katz to confirm Martin Center for May 23- Awards Night. Suggest linking to speaker and tour companies on our website to increase attendance.

House: No report.

Fall Golf: No Outing for 2005.

Spring Golf: Date set for May 13, 2005 at Barberton Brookside. Cleveland Section has expressed interest. David Katz and/or Bud Seymour will help a Chairperson- Gary Taylor and Cameron Fraser have also both agreed to help -- need a leader. They will contact past Chairs for suggestions and help.

Old Business:

- •Joe Mattingly unable to attend ACCESS Board Meeting.
- •Students plan to attend ANTEC 6-7 need financial support- need details.
- •Viv to check with Intl. Re PESO re Student Chapter status.
- •Joe Mattingly officially requested each Board Member to contact and document 5 potential candidates to be an SPE Member---AIM PROGRAM- NEED sign ups before ANTEC!!

New Business:

- •ACESS 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. It is in process after meeting in late February.

Closing Comments: Adjorned. Next board meeting on April.4, 2005 at Americhem 5:30 p.m.



Akron SPE Section Meeting Questionnaire

- 1. What type of meetings would you like to attend (technical, tours, entertainment, special events [auctions, awards], etc.)? Or do you just prefer a mix as we presently do?
- 2. Our meeting frequency is monthly from October through May. Do you feel this frequency is good and, if not, how often should we meet? Also our meetings have been every 4th Monday evening of the month. Would a different day increase attendance?
- 3. Do you have a preferred location and, if so, where would that be? Or do you prefer a variety of venues?
- 4. Is the time after work from 5:30 to 8:00 p.m. convenient, or would you prefer having more luncheon meetings?
- 5. Any other comments on how we can increase attendance and make our meeting more attended?

Send responses back to jepfeiffer@santoprene.com. Thank you for your thoughts and ideas.





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Membership Report – Feb., 2005

Current total is 422 paid members.

4 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 February 2005 is 20,533.
- •Ahead of last year by 800 members.
- •A.I.M., has best response rate of 23% in a recruitment evaluation.
- •For tracking and encouraging new members, go to www.4spe.org/communities/ld/aim.php.
- •Membership dues increase effective 07/01/05 (only \$2 annually).
- •Email campaign to lapsed members was sent in February.

Hope to see many of you in **BOSTON**

New Members

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

Juan Adames Gerald G. Bernar, Yanke Bionics Sara B. Kelley, University of Akron Justin Young, American Profol (Cedar Rapids, IA)

> Membership chair Joe Pfeiffer



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.

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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.

Akron Section Board of Directors

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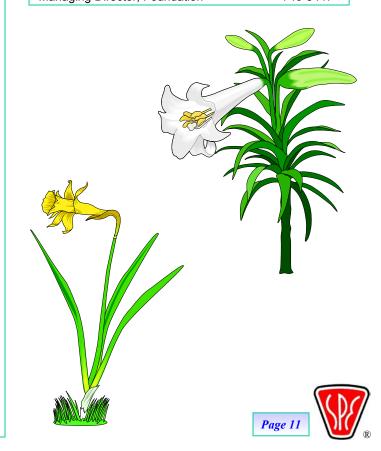
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Web: www.4spe.org

all phones in area 203 - all e-mail @4spe.org

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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 quite 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.

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

Phone Fax

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

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:

[] \$30,0	000 lump sum	[]	\$10,000 / yr next 3 yrs.	[] \$5,000 / yr next 6 yrs.
[] othe	r				

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 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

Insertion Order 2004-05

Polymer Valley News: Akron Section SPE Newsletter
Delivered via email, stored at http://www.akronspe.org/newsletter.htm

Please check ad size wanted. One column is 3-7/8" wide.

Rates are for entire season, September 2004 – Summer 2005. **Payable in Advance. Please let me know if you need an invoice.**

Ad format must be electronic (but we can scan your original artwork). File size should be limited based on the size of the ad ordered. Oversized ads will be charged an additional fee. Acceptable formats are .bmp, .pcx, .jpg, .tif, .gif, or MS PowerPoint or Word (if you have any issues with format, please email us and we can provide assistance). **Color is Free! Color helps your ad stand out!**

Email artwork and this Insertion Order (completed) as an attachment to kaperevosnik@santoprene.com

If you don't include your email address, we have no way of sending you each issue!

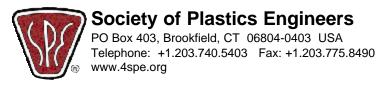
(please X)	Ad Size	Dimensions	Price for year
	Business Card	One column by 2" high	\$200
	Double	One column, 2 to 4" high	\$300
	Triple	One column, 4 to 6" high	\$400
	Half Page	One column, 10" high	\$500
	Half Page	Page width (7.5"), 5" high	\$500
	Hotlink to company website	N/A	\$75 / year

The cost on a per issue basis will be calculated by dividing the "Year" price by 10

	Contact Person	Billing Information:
Company:		
Name:		
Address:		
Phone #:		
Fax #:		
Email address:		

Mail checks, payable to AKRON SECTION SPE, to:

Akron Section SPE c/o Kathy Perevosnik 962 Morningstar Dr. Akron, OH 44307



MEMBERSHIP APPLICATION

Applicant Information				
Name:	Home Address: (please provide)			
first last mi	address:			
Applicant Type:	address:			
☐ Member	city: state:			
☐ Student (must supply graduation date)	zip: country:			
Job Title:	Preferred Mailing Address:			
	☐ Home ☐ Business			
Company Name and Business Address (or College):	lab Functions			
company/college:	Job Function: Gender: Choose only one Gender: Gender:			
address:	☐ Consulting (11) ☐ Birth Date: (mm/dd/yyyy)			
address:	☐ Design (02) ☐ Education (08)			
city: state:	☐ General Management The SPE Online Membership			
zip: country:	☐ Library (10) Directory is included with membership. Your information			
Work Phone: Fax:	☐ Marketing (07) will automatically be included.			
	☐ Purchasing (06) ☐ Quality Control (05) ☐ Exclude my email from Online			
Home Phone:	□ R & D (03) Retired (98) Member Directory Member Directory			
()	Student (09)			
Email: used for society business only	☐ Tech Support (12) ☐ Other (99) ☐ Exclude my address from all 3rd party mailings			
Payment Information				
□ US (\$117.00) □ US (\$202.00) □ US (□ Canada (\$175.50) □ Canada (\$303.00) □ Canada (\$303.00)	nt Member (\$26.00) ada (\$39.00) o (€27.00)			
My Primary Division is (Division names are below)	Primary Division FREE			
Additional Divisions are available for a fee. Check below to select Additional Divisions. □ Automotive (D31) □ Blow Molding (D30) □ Color & Appearance (D21) □ Composites (D39) □ Decorating & Assembly (D34) □ Electrical & Electronic (D24) □ Engineering Properties & Structure (D26) □ Extrusion (D22) □ Injection Molding (D23) □ Marketing & Management (D37) □ Medical Plastics (D36) □ Wold Making & Mold Design (D35) □ Plastics Environmental (D40) □ Polymer Analysis (D33) □ Cost for each Additional Division 1 year 2 years □ Cost for each Additional Division 1 year 2 years □ S 6.00 \$12.00 □ Canada \$9.00 \$18.00 □ Euros €6.00 €12.00 □ Thermoforming (D25) □ Thermoforming, European (D43) □ Thermoset (D28) □ Medical Plastics (D36) □ Vinyl Plastics (D27)				
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