

The Newsletter of the Akron Section of the Society of Plastics Engineers Our 50th Year of Education and Service to the Plastics Industry

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Costs, Schedules, Reservations

Member	\$25.00
Guest and Member	\$45.00
Retiree	\$20.00
Student	\$15.00
Tour only	\$10.00
Tour and Presentation	5:15 p.m.
Dinner	6:45 p.m.

Contact Bob Wegelin on or before Jan 22 - 330/414-1498 robert.wegelin@sbcglobal.net



Technical Meeting



Monday, January 26, 2009 5:15 p.m.

Ferriot, Inc. 1000 Arlington Circle Akron, Ohio 44306 330-786-3000

Guy's Party Center

500 East Waterloo Road Akron, Ohio 44319

"Ferriot – An Akron Company Celebrates 80 Years in the Polymer Industry "

By:

Gordon Keeler, President/CEO Mike Martin, General Manager



Gordon (Corky) Keeler will present the 80 year history of Ferriot, Inc. Mike Martin will share with you the launch of Ferriot's first proprietary product in over forty years.

 Next meeting – Feb. 23, 2009
 Board meeting – Jan 5, 2009, 5:30 p.m. at SteerAmerica





Greetings and Happy New Year!

The Akron SPE section has been planning a variety of meetings and events that look back on our past 50 years and forward into the future of plastics, and we are looking forward to having our members participate in our 2009 Gala 50th Anniversary celebrations throughout the year. With the new year, I want to wish all of you a prosperous and productive New Year.

Thank you to all the members who participated in our Holiday Social in December. The Firestone Madrigal singers were terrific and our speaker was on point with the economic topics he reviewed. We hope to see more of our members join us next year.

Our first meeting of 2009 is a tour of Ferriot, Inc. on January 26. We will be gathering there about 5:30 pm and will look forward the presentation "Ferriot- a Progressive Injection Molder". I belief our members will thoroughly enjoy the opportunity to visit one of our local leaders in the plastics industry.

As our industry continues to grow, the Akron section wants to grow with it and you, providing our membership with the activities, events and information that interests you the most. We want your participation in as many activities as possible in the upcoming year and want to hear from you on the types of events and activities that interest you. Please feel free to contact me with your suggestions and feedback. I am looking forward to seeing more new faces at our schedule of events throughout the upcoming year

I hope all of you have had a happy and healthy Holiday season. I look forward to seeing you at our 2009 monthly meetings and events.

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Sincerely, Joe Mattingly, President

> The Akron Section is in need of New Board Members as this year continues. Please consider becoming a Board Member to help support your Section. Contact anyone currently on the board (see page 12) if you are interested.

> > Thank You!

Page



Map to Ferriot, Inc. 1000 Arlington Circle Akron, Ohio 44306

From the North:

Travel Interstate 77 South; exit at Waterloo Road. Travel East to Arlington Road.

Travel South one block to Arlington Circle.

Travel East onto Arlington Circle.

From the South:

Travel Interstate 77 North; exit at Rte 224 East; exit at Kelly Avenue.

Travel North to Waterloo Road; travel West to Arlington Road.

Travel South one block to Arlington Circle.

Travel East onto Arlington Circle.

From the West:

Travel Rte 224 East; exit at Kelly Avenue.

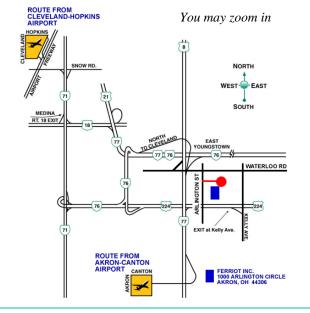
Travel North to Waterloo Road; travel West to Arlington Road.

Travel South one block to Arlington Circle.

Travel East onto Arlington Circle.

From the East:

Travel Interstate 76 West; exit Interstate 77 South. Exit at Waterloo Road. Travel East to Arlington Road. Travel South one block to Arlington Circle. Travel East onto Arlington Circle.



Polymer Analysis ServicesImage: Service ServicesImage: Service Service ServiceImage: Service Service Service ServiceImage: Service Service Service Service ServiceImage: Service Servic

Map to Guy's Party Centre 500 East Waterloo Road Akron, Ohio 44319

*After following most of these directions, Guy's is a very short distance from the exit on the left, just before Giant Eagle and across the street from Scorchers and the Waterloo Restaurant.

From the North (Akron, Cuy. Falls, Hudson, E. Cleve) Take Route 8 south until it becomes 77 south. Continue on 77 south for a little less than 2 more miles. Take the Waterloo Rd exit. Turn right at the bottom of the ramp.

From the Northwest (Fairlawn, Montrose, W. Cleve) Follow 77 south until it combines with 76 and then separates again, heading south (Rt 8 will head north, 77 will head south, take 77 south). Continue for a little less than 2 more miles. Take the Waterloo Rd exit. Turn right at the bottom of the ramp.

From the East (Kent, Ravenna, Youngstown)

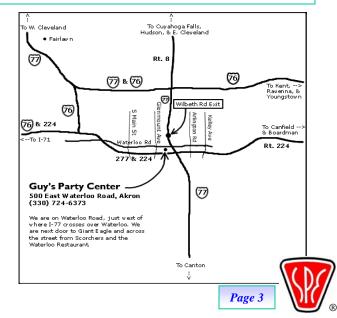
Follow 76 west to 77 south. Continue on 77 south for a little less than 2 miles. Take the Waterloo Road exit. Turn right at the bottom of the exit ramp.

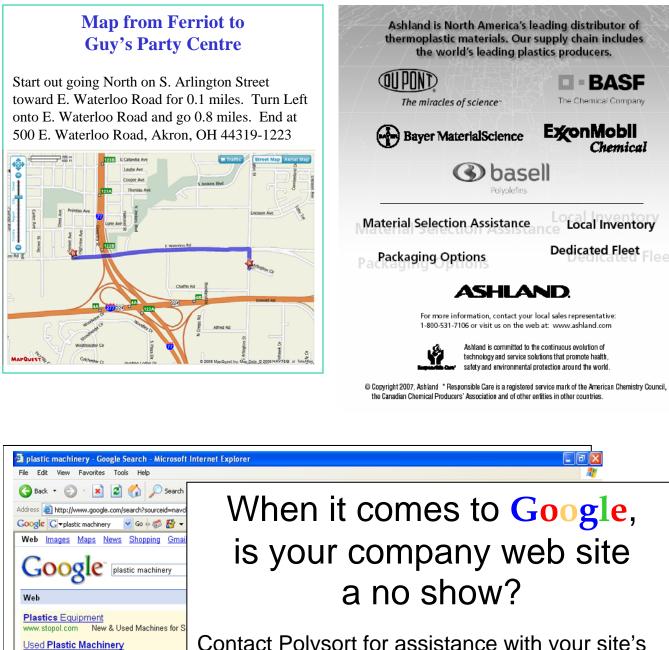
From the West (I-71, Wadsworth, Barberton)

Take 76/224 east until it turns into only St. Rt. 224. Follow St. Rt. 224 east to the Main Street exit. Turn left onto Main at the end of the exit ramp. Turn right at first major intersection -- Waterloo. Guy's is about a mile up on the right, just past Giant Eagle and across the street from Scorchers and the Waterloo Restaurant.

From the South (Canton)

This is a little strange, but the easiest way. There is an exit ramp onto Waterloo from 77 south, but NOT from 77 north, so follow 77 north to the Wilbeth Road exit. Get off on that exit, then make two lefts, thus getting back onto 77 going SOUTH. Take the very next exit - Waterloo Rd. Turn right at the bottom of the exit rambou may zoom in **From the Southeast (Canfield, Boardman, Alliance)** Follow St. Rt. 224 west to Kelley Ave/Waterloo Rd exit. Turn right at the end of the exit ramp and then, almost immediately, left onto Waterloo Rd. Take Waterloo Rd past where it crosses under I-77.





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Call For Papers

9th Thermoplastic Elastomers Topical Conference 2009 "Rebound with TPEs"

Expanding Markets, Materials & Applications

Sponsored By: The SPE Thermoplastic Elastomers SIG in Partnership with The Akron Section of SPE

> September 14-16, 2009 Hilton – Akron/Fairlawn 3180 West Market Street Akron, OH 44333-3365

Presenting the latest in:

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

The TPE SIG and the Akron Section of SPE invite the submission of papers for presentation at the 9th TPE TOPCON 2009.

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

Iani Manas, Eaton Corp. 115 Lena Drive Aurora, OH 44202 Tel: 330-562-3847 Fax: 330-562-0925 e-mail: <u>ianimanas@eaton.com</u>

Abstract Deadline: January 31, 2009 Completed Paper Deadline: May 15, 2009

PolymerOhio Internships

The Third Frontier Internship Program links Ohio students with rewarding internship opportunities that provide hands-on experience within Ohio's private-sector business community. The goal is to build a young talented workforce for the future and assist students in gaining valuable work experience that can lead to permanent full-time employment in Ohio after graduation.

The program will reimburse 50% of each intern's wage up to \$3000 for a 12 month period. Following an intern's graduation, your firm will have the opportunity to offer full-time employment to an individual who is well prepared for a future career with your organization.

Internships may be full-time or part-time at anytime during the year.

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The Internship Program is looking for participating businesses that can provide one or more of the following types of internships:

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For more information please go to www.polymerohio.org. Roll your mouse over to "careers" in the top menu line to reach the link to the Polymer Ohio Internship Program page. If you are a company or a student, follow the procedures to register at www.ohio3fip.com.

For more information or assistance, call Rich Markham at 614-477-1133 or write to rmarkham@polymerohio.org.

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~~ Save the Date ~~

April 29, 2009 50th Anniversary Gala Night to be held at *Firestone CC*

Technical Assistance Initiated On Akron SPE Web Site

Do you have a technical question on plastics, polymers, rubbers, etc. Our web site now has a place where you can detail your question and the Akron SPE Board will use their collective knowledge and resources to answer your questions. Check it out at www.akronspe.org. If you post a question we will post it in the following newsletter along with the answer.

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Programs for 2008 / 2009

Sept. 22	From Crude Oil to Polymers ExxonMobil Chemical, S.J. Holmes <i>Tangier</i>	Jan. 26	Ferriot – A Progressive Injection Molder, Ferriot Inc., Tour, Gordon Corky Keeler
			Guy's Party Centre
Oct. 27	A Schulman—A Global Company		
	A Schulman Technical Center,	Feb. 23	Moldmaking for Today and
	Tour, Joe Ocampo		Tomorrow , Fremont Plastic Molds,
	Royal Buffet		Daryle Damschroder
	2 33		Martin Center
Nov. 24	Polymers at the University of	Mar. 23	Lockheed Martin takes Akron to
1.0	Akron—Past, Present and Future,	1.1	New Heights, Lockheed Martin,
	Frank Kelley, Miko Cakmak,		Tour, Clark Reed
	Sue Louscher, Sadhan Jana Martin Center		Guy's Party Centre
		Apr. 29	50 th Anniversary Gala Night
Dec. 15	Holiday Social	I	Firestone CC
	Tangier		
	2000300	May 18	Awards Night Raintree CC



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.



Akron Section SPE Past Presidents

50 years of excellence

1959-1960	Donald F. Siddall
1960-1961	Milan Krajcik
1961-1962	Foster J. Young
1962-1963	Dickson L. Stoker, III
1963-1964	Edward L. Hillier
1964-1965	John R. Russell
1965-1966	John R. Russell
1966-1967	Clyde H. Jones
1967-1968	Alan Corry, Jr.
1968-1969	Bernard M. Saffian
1969-1970	Harold R. Schick
1970-1971	Robert G. Hills
1971-1972	John J. Satterfield
1972-1973	Alexis M. Gross
1973-1974	Francis J. Maurer
1974-1975	Leverett A. Anderson, Jr.
1975-1976	Robert M. Hershey
1976-1977	Richard L. Fleshman
1977-1978	David Curtis
1978-1979	John A. Zelek, Jr.
1979-1980	Gerald W. Whitnable
1980-1981	Kathleen N. Bechter
1981-1982	Victor E. Giuffrida
1982-1983	James Steiner

1983-1984 1984-1985 1985-1986 1986-1987 1987-1988 1988-1989 1989-1990 1990-1991 1991-1992 1992-1993 1993-1994 1994-1995 1995-1996 1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 Robert G. Hills Anthony F. Dean, Jr. Gene Buser Harry J. Barth Judith A. Fallon William E. Tosco Robert Wegelin Geraldine R. Stromquist Spencer Keiser Robert Wegelin Tony Dean Wayne Decamp Melanie Stewart Kevin Hershfield Dave Schultz John Raab Gary Taylor Kevin Malpass Ken Sharp Joe Pfeiffer Robert Wegelin Joe Mattingly Lloyd Goettler John Woodside Viv Malpass

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Jim Williamson, Eastern Regional Sales Manager Phone 330-284-0600; Fax 330-365-3987; email: jim.williamson@doverchem.com

Membership Report

Akron had 5 new members join in December. Our membership number is at **354.**

We had two transfers in and none transfer out of our section.

Membership chair, Reza Sadeghi

<u>New Members</u> - Say "hello and thanks for joining" if you know the following:

Paul Ferder, Kent Mold & Manufacturing Wenyi Huang, student - University of Akron Daniel Jones, Imco Company Deep Samanta, student - University of Akron Rishi Kumar, student - University of Akron



Minutes of Board Meeting – December 1, 2008

Call to Order: 6:00 p.m. at SteerAmerica, Inc.- Weather delay

Present: Joe Mattingly, Lloyd Goettler, Michael Gintert, Dave Schultz, Bob Wegelin and Vivian Malpass Absent - Kevin Malpass, Sadhan Jana, Kaan Gunes, Reza Sadeghi, Joe Pfeiffer, Lauren Edwards, Alexei Melnikov, Dave Katz, Tony Dean and Gary Taylor -- John Woodside and Hemant Thakkar no longer on Board- Nov 08

President:

Joe Mattingly noted the Nov. Meeting at Martin Center well received -excellent presentations- noted that Miko Cakmak could handle an entire meeting on his areas of interest in Polymer Engineering for Future!!
Future board meetings will be held at SteerAmerica, Inc. due to continued flux in parking a UAkron-PEAC.
Joe informed of Engineering Week- February- Engineering Board - local asked for monies from Sectionmotion, voted and passed- Gary Taylor to forward monies.

- Need to determine if Office for Akron Section SPE is at PEAC.

Past President: Viv thanked Board for IPEC monies for Polymer Ambassadors-to confirm check sent. Viv reported that TOPCON Meeting set for Dec 10- current concern for Sept 09 TOPCON, no papers, large and small companies canceling travel- plan to wait for end of Jan to determine direction to proceed, need to confirm date for Rubber Div. -TPE Topical Group for 2010, informed do have a Plenary Speaker- Banerjee- Texas to speak on TPE Innovation.

President-Elect: Confirmed Dave has application for the Pinnacle Award and is in process of completion for Dec 31. Joe reports that Dave is working on placement at PEAC- Hall of Honor re work of original pictures to digital format with cabinets and lettering.

Treasurer: No report.

Councilor: Requested information from last Council Meeting re rebates, etc. Joe Mattingly has confirmed Lauren Edwards plans to continue on Board, confirmed desktop display at ExxonMobil.

Secretary: Minutes were approved for November Meeting- correction to Presidents comments-Education files- hard and e-copy- at Steer, Akron Section files at PEAC- Univ. of Akron and Tony Dean has History information for Gala presentation.

Awards: Hall of Honor - Joe Mattingly to confirm Host. Need to identify a volunteer to work on the display at the next board meeting. Alexei Melnikov will try to improve the quality of the older pictures.

Program and 50th Anniversary: Joe Mattingly/Vivian Malpass

- We had excellent turnout- Martin Center- History of Polymers.

There needs to be discussion re bill no-shows. One approach may be to register by e-mail and have attendees prepay with credit card. Handling of no-shows to be taken up at next board meeting.

- Next Meeting- Christmas Gathering at Tangiers Monday Dec 15- Madrigal Singers and Speaker on Economy for 09.

- Balance of programs for the 2008-2009 year set up. Vivian Malpass announced that Gail Bristol of SPE Int'l speaker on the Gala Night. We need speaker for Awards Night- Viv to contact Dean College of Polymer Science -Univ of Akron- Dr. Stephen Cheng. Vinny Gupta -Tech Lift also contacted showed interest.



Minutes of Board Meeting – December 1 (cont.)

Student Chapter: Polymer Awareness Day in the spring Tentative date April 27, 2009. Need to contact schools will work with Carin Helfer at AGPA, plus determine agenda including demonstrations, displays and projects. Planning for possible Holiday Party.

Newsletter: Need articles from Committees for Jan Newsletter.

Membership: Reza sent in update - Section Membership at 359.

Education Committee: Joe Mattingly to confirm new Education Chair. He has offered to help new Education Chair while at his new job. Projects in process- Scholarship- Bob Wegelin to help out- contacts and info, Science Fairs- Hemant in process of making contact with Brent Sisler and Rick Buchanan at ACESS for up-date addresses for schools and Essay- not yet in progress. Confirm that Hemant forwarded additional files to Polymer Valley News. Joe Mattingly to forward Scholarship application to Bob for Spring 09.

Education Foundation: Bob reports that he has worked through all of local and federal issues reference filing taxes.

Public Interest / Website: Tony Dean reported that website is updated with pictures from latest meetings listing of all 2008-2009 list of officers/directors and 2008-2009 program. Kaan still working on behind-the-scenes information for Plastics Projects website.

Advertising: In process of closing out 2007-08 and starting up new ads for 2008-09 year.

Fall Golf: No report.

Spring Golf: No report.

House: No report.

ACESS: No report.

Polymer Ohio: No report.

Communications: No report.

Old Business: D&O Insurance for SPE AKRON Section. Lloyd reports that he has received info from SPE Intl and another local company- SPE Intl company appears to be best. Joe Mattingly to contact Intl and determine if Section needs -

Employment option- since we do not employee any persons or just D&O.

New Business: Spring Golf- Bob Wegelin - Determined that Bob will check with Prestwick for Spring Golf.

Meeting was adjourned at 7:28 p.m.

Closing Comments: The next meeting of the Akron SPE Board of Directors will be Monday, January 5, 2009 at SteerAmerica, Inc. starting at 5:30 p.m.



Akron Section Board of Directors

SteerAmerica, Inc. 330-563-4413 F President/Chair jmattingly@steeramerica.com 330-798-4961 T Dave Katz Preferred Rubber Compounding dkatz@preferredrubber.com President/Chair-elect. Newsletter Editor and Advertising

330-798-6535 T **Dave Schultz** Harwick Standard Dist. Corp. 330-798-9328 F Secretary schultzd@harwickstandard.com

Gary Taylor Myers-Wadsworth Treasurer

Joe Pfeiffer Retired Councilor

Joe Mattingly

Vivian Malpass 330-342-1120 T Tek-Mark International 330-342-1134 F Past-President. Conf. vivian.malpass@tek-mark.com TOPCON 2009. 50th Anniversary Chair

Alexei Melnikov U Akron Polymer Engineering Student Chapter President

330-459-6409 T 330-258-2339 F melnikhome@gmail.com

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Kaan Gunes U Akron Polymer Engineering Director

Bob Wegelin Retired - Director, Spring Golf, robert.wegelin@sbcglobal.net Education Foundation, House

Kevin Malpass Diebold, Inc. Director

Sadhan Jana U Akron Polymer Engineering Director, Student Chapter Advisor

Tony Dean Retired - Director, Public Interest, Website Manager

Lauren Edwards ExxonMobil Chemical lauren.b.edwards@exxonmobil.com Director

Reza Sadeghi A. Schulman Director, Membership

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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 250 young men and women, totaling in excess of \$200,000 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 three named scholarships – *Omnova, 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.

We are looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 330-414-1498 or e-mail at robert.wegelin@sbcglobal.net with any questions. Thank you for your consideration.

Sincerely, Bob Wegelin, Chairman Akron Section Society of Plastics Engineers, Education Foundation Committee



SPE MEMBER RENEFITS GUIDE

		SPE WEWDER DENERTIS	SUIDE /	N
	BENEFIT	DESCRIPTION	WEBSITE LINK	$\langle V \rangle$
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MEDIA	Newsletters <i>Plastics Engineering (PE)</i> SPE Online Tech Focus	News & events about specific local & technical affiliations The official monthly publication of SPE Your 24/7 source for Society information Monthly electronic newsletter offering society & industry news	www.4spe.org/communities/newsletters www.4spe.org/pub www.4spe.org www.4spe.org/membercenter	
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David Katz, Advertising Manager 330-849-5074

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Society of Plastics Engineers Membership Application

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Applicant information		
Name:	Gender: 🛛 Male 🖓 Female	
first last mi	Birth Date: (mm/dd/yyyy)	
Company Name and Business Address (or College):	Demographics	
company/college:	Job Function (choose only one)	
	Consulting Purchasing Design Quality Control	
job title:	□ Education (Faculty) □ R & D	
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	General Management Manufacturing Self-Employed Student	
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