Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 62nd Year of Education and Service to the Plastics Industry

~ Next Session ~

To Be Announced

We will keep you up to date via our website and emails

SPE National

Please click the following areas of interest:

Contacts at National

Member Benefits

Join SPE

Akron Section

Advertising with SPE Akron

The 2020-2021 Newsletter season has begun. We appreciate your support for our Section and welcome your advertisements for this year.

Please see the insertion order request form on page 16 for your ad to be included in all editions of the **Polymer Valley News**. Your ad with a live link to your web site will also be featured on all pages of our web site and your logo shown in all our email blasts.

We look forward to working with you in the future!

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Join us for this season's advertising – see page 16 for the order form

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Membership Report - 2020

The Akron Section currently has 172 active members.

Month	Active
Jan	253
Feb	252
Mar	
Apr	239
May	
Jun	
Jul	
Aug	230
Sep	172 (change in National tallies)
Oct	
Nov	
Dec	
	We are always welcoming new
	members – bring someone along
	to a meeting!
	Say hello to new member Russel Vogelsong, Lion
	Elastomers



The Akron SPE Section is happy to post local job openings in the plastics industry for 90 days for any member.

Please contact a board member if you are interested in posting.















TOPCO Exploring Innovation

September 15-16, 2020

TOPCON 2020

Exploring Sustainable Innovation 2020

VIRTUAL THERMOPLASTIC ELASTOMER CONFERENCE A SUCCESS

The Akron Section of the Society of Plastics Engineers, along with the TPE Special Interest Group of the SPE, again hosted a conference this fall that highlights a unique blend of polymers, Thermoplastic Elastomers (TPEs). This is the 14th time the conference has been held (normally every other year). The theme was "Exploring Sustainable Innovation 2020".

We were well into planning the 2020 TPE TOPCON when the Covid 19 pandemic gained traction. Since we had an excellent program, it was decided to move to a virtual platform for 2020. Past conferences have pointed out the value of this technical exchange to our industry. Our program contained two full days of technical and market presentations delivered by leaders in the plastics industry. As an added bonus, registrants are permitted to access presentations at their leisure to review and revisit information shared during the conference.

Presentations focused on segments of TPE use in Medical, Electronics, Automotive innovations and sustainability and sports/recreation markets. Examples were:

- (1) Robert Eller of Robert Eller Associates LLC discussed TPE opportunities in the Covid-Impacted automotive environment.
- (2) Salvatore Monte gave a compelling overview for post-consumer recycling possibilities.
- (3) Presentations looked at the medical world and biomedical backgrounds with TPE involvement related to the current super bugs and corona type viruses and ways that could be used to combat/stop them prior to exposure.

This conference pushed the envelope of development as we featured two keynote addresses. Jason Hauer (The Garage Group) discussed Innovation Renewal and the Garage Group Story. Judit Puskas (The Ohio State University) presented her work on Piezo Active Elastomers for Biomedical Applications.

After the first day was completed, a Virtual Cocktail Hour was held. It was quite valuable catching up and meeting "like minded" folks with passion.

We thank the attendees as well as 11 sponsors for their support.

In addition to fostering new ideas and spreading innovation, this conference supported the Akron Section and TPE SIG in their efforts to provide student scholarships and opportunities for students to participate in plastics industry events.





September 15-16, 2020

TOPCON 2020

Exploring Sustainable Innovation 2020

Thank you!

Event Sponsors

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More Sponsors

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Technical Assistance

For technical polymer questions please use the SPE International forum "The Chain"



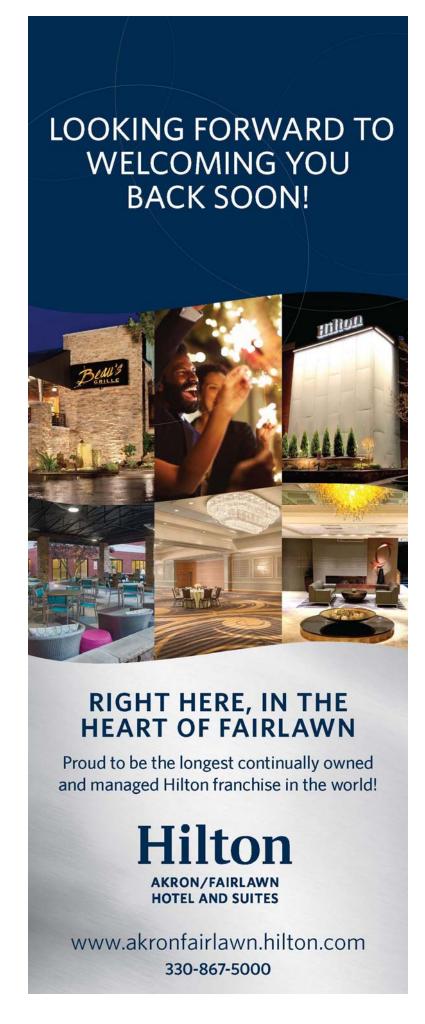
For local questions please contact the officers at akronspel@gmail.com

The Akron Section is in need of New Board Members.

Please consider becoming a Board Member to help support your Section.

Contact anyone currently on the board if you are interested.

Thank You!





CUraray YOUR SOURCE FOR THERMOPLASTIC ELASTOMERS



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- High Wet/Dry Grip



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Board Meeting Minutes – August 31, 2020

Call to Order: Zoom meeting called to order at 5:30 PM – Host David Schultz for Larry Stanek

Present – Larry Stanek Nicole Fraifogl, Gary Taylor, John Fellenstein, Bob Weiler, David Schultz, Tony Dean and Sherri Makar Hart

Absent: Tom McQuaide, Viv Malpass, Sahil Gupta, Keith Pelfrey, Joe Mattingly, Bob Wegelin, Joshua Seylar, Kevin Malpass and Dan Jones

Minutes from Previous Meeting

Minutes from multi-based early August meeting were reviewed and unanimously approved.

President's Remarks

President-Elect for 2020-21 is still needed - Larry offered to serve a second term as President until another board member is able to fill the position. We will proceed as noted a committee of BOD handling ideas, suggestions and set-up for meetings along with Rik Keley-Cleveland.

Larry welcomed all for another very interesting year as COVID-19 issues continue. He wished all a safe and healthy year as we continue forward on virtual basis.

In addition most IMPORTANT ACTION ITEM- Search for SOCIAL MEDIA HELP!!

It will help to make sure SPE and it's activities and meetings are seen and thus bring added attendance to our meetings!!!

Technical Program 2020/21—Larry Stanek

Upcoming programs:

BOD discussed ideas for programs for upcoming year. Meeting types were discussed from virtual to in person- being considered. Dan Jones has suggested Plastics Problems and also provided details and sites for review.

Regrouping must be done- re COVID-19.

Larry Stanek planning to get in touch with Rik Keley- Cleveland for their status- Dennis Meade informed Cleveland has BOD set for Sept 8.

BOD discussed ideas for programs for upcoming year.

Dan Jones please provide supporting data Plastics and Environment and thoughts to Larry Stanek-possible interest in November.

- Keith Pelfrey noted U of A Professor doing work on bio-based films.
- Joe Mattingly will follow-up on options for touring Goodyear, Innovation Center.
- Nicole Fraifogl suggested 3-D printing options.
- Taking a virtual tour of University of Akron discussed and possible presenters.

Group discussed benefits of having tours: high participation, lower cost for attendees and profitable for section.

Recommended not to have Sept meeting due to TPE TOPCON occurring in Sept and ask Cleveland to run Oct meeting.

Carry-over ideas that still need to be discussed or omitted:

- Advances in Technology and Engineering, try to engage Student Chapter/ PESO, NPIC and local area companies- will discuss opportunities with Cleveland.
- Dave Schultz recommended Bio-Med 3-D printing tour.
- Hands-on Engineering oriented meeting, involves students to greater extent and 3D Printing.
- Nicole noted a medical potential talk with Cleveland based 3D Heals.



Board Meeting Minutes – 8/31 continued

Carry-over ideas that still need to be discussed or omitted: (continued)

- Jeff Hoffman was as well mentioned as potential speaker Innovation and World travel.
- Joe Mattingly brought up Extrusion Mini-Conference, Twin-screw and Continuous mixing plus potential for 3D Printing visit.
- Americhem tour- Joe Mattingly to check.
- AICHE interest in future joint meeting- Dan Jones to handle with Bartev- E Week.

ALL please make contact with your appropriate groups and determine if they have a Virtual format capability. Need to determine if Intl can help us run local Zoom based meeting- costs.

House—Gary Taylor

No report all Virtual format on plan for this year.

Membership—Nicole Fraifogl

Membership is at 230 members.

Treasurer—Gary Taylor

Gary reported he is up to date on financials, finalized review of Expenses through August 2020.

The rebate from SPE National continues to decline.

Taxes complete for year- audit in process.

Need to set Budget by mid- November difficult with many changes occurring currently re Covid-19 issues.

Councilor—Dan Jones/Kevin Malpass

No report.

Student Chapter—Joshua Seylar

No report.

Public Interest/Website/Newsletter—Tony Dean

Tony informs that he is up to date.

BOD discussed whether to provide free advertising to companies that we tour. Suggested charge in the following year.

Tony wrote short articles for West Side Leader and other papers will try to include contact at ABJ.

National Awards—Larry Stanek, Keith Pelfrey

Discussed resubmitting nomination of Bob Weiler for Honored Service Member for next year.

Section Awards—Keith Pelfrey

Review shows for May 2020 planned that Larry has been selected as the recipient of the Zekan award. Hall of Honor – have received bio information on the winner.

Education Committee—John Fellenstein

John confirms we are set with 8 Scholarships for this year some renewals and have now put in place stricter guidelines MUST be polymer, polymer engineering or materials oriented- this with help from Education Foundation.

John informed that checks per Joe Mattingly have been sent for Fall semester.

PlastiVan going very well. He informs that their new Virtual edition will be developed in mid-September and taping will be done by end of September ready for this school year.



Board Meeting Minutes – 8/31 continued

Education Foundation—Joe Mattingly

Joe and Foundation members met with financial advisor again August to review status of growth investments to portfolio.

Scholarships - Will aim for \$11k and reassess criteria to closer match bylaws.

Bylaws still under review.

Growth Committee—Kevin Malpass

Kevin reports he has forwarded the list that had been developed, work on a couple of Action items, then with those complete re-group and fine tune added items.

Suggested to develop a brochure re Top 20/10 reason to join SPE- Akron for Awards Banquet and as well include Application potential to join Akron Section.

2020 TPE TOPCON—David Schultz

Virtual conference is set for mid-September with several Sponsors now on board attracting attendees and blast being sent as well as e-mails and phone calls.

TOPCON Committee meetings are complete.

Contacts: Co-chairs David Schultz, Bill Blasius (Rogers Corporation) and Homaira Nassem (Alpha Gary). Tony Dean- Intl Office contact.



Board Meeting Minutes – 8/31 continued

ACESS Update

ACESS is still on Virtual Zoom and most recently inquired into funding for this years Teacher Grants.

Old Business

None to report.

New Business

Vote on two Teacher grants this year for ACESS. Vote taken and approved wanted to assure that Grants went to winners that were engineering, polymer or science related.

Interest in future in hosting a Podcast.

Notes / Follow Up Needed:

Status of new named SPE Akron section scholarship.

Joe recommended BOD meetings provide call-in/remote access for members who cannot attend inperson. Free online meeting services such as ZOOM.

Meeting Adjourned 6:10 PM

Next BOD meeting set for October 5- Zoom hosted by David Schultz– Covid-19 issues In future may regroup and determine meeting location on site??





Akron Section Past Presidents

	1		
1959-1960	Donald F. Siddall	1989-1990	Robert C. Wegelin
1960-1961	Milan Krajcik	1990-1991	Geraldine R. Stromquist
1961-1962	Foster J. Young	1991-1992	Spencer Kreiser
1962-1963	Dickson L. Stoker, III	1992-1993	Robert C. Wegelin
1963-1964	Edward L. Hillier	1993-1994	Anthony F. Dean, Jr.
1964-1965	John R. Russell	1994-1995	Wayne Decamp
1965-1966	John R. Russell	1995-1996	Melanie Stewart
1966-1967	Clyde H. Jones	1996-1997	Kevin Hershfield
1967-1968	Alan Corry, Jr.	1997-1998	David Schultz
1968-1969	Bernard M. Saffian	1998-1999	John Raab
1969-1970	Harold R. Schick	1999-2000	Gary Taylor
1970-1971	Robert G. Hills	2000-2001	Kevin Malpass
1971-1972	John J. Satterfield	2001-2002	Kenneth L. Sharp
1972-1973	Alexis M. Gross	2002-2003	Joseph E. Pfeiffer
1973-1974	Francis J. Maurer	2003-2004	Robert C. Wegelin
1974-1975	Leverett A. Anderson, Jr.	2004-2005	Joseph Mattingly
1975-1976	Robert M. Hershey	2005-2006	Lloyd A. Goettler
1976-1977	Richard L. Fleshman	2006-2007	John Woodside
1977-1978	David Curtis	2007-2008	Vivian Malpass
1978-1979	John A. Zelek, Jr.	2008-2009	Joseph Mattingly
1979-1980	Gerald W. Whitnable	2009-2010	David A. Katz
1980-1981	Kathleen N. Bechter	2010-2011	Lloyd A. Goettler
1981-1982	Victor E. Giuffrida	2011-2012	David Schultz
1982-1983	James Steiner	2012-2013	Kevin Malpass
1983-1984	Robert G. Hills	2013-2014	Dan Jones
1984-1985	Anthony F. Dean, Jr.	2014-2015	Vivian Malpass
1985-1986	Gene Buser	2015-2016	Keith Pelfrey
1986-1987	Harry J. Barth	2016-2017	Robert Weiler
1987-1988	Judith A. Fallon	2017-2018	Tom McQuaide
1988-1989	William E. Tosko	2018-2019	Nicole Fraifogl
		2019-2020	Larry Stanek
spe			

Akron Section Board of Directors

Larry Stanek President/Chair, ENPAC LLC Technical Program 440-975-0070 ext 313 T 440-975-0047 F Istanek@enpac.com

Open President/Chair-elect

Dave Schultz Secretary, Rubber World Magazine VINYLTEC 2019 Co-chair 330-283-5721 schultzdave54@gmail.com

Gary Taylor Treasurer, House Retired 330-419-4380 T taylorgandc@gmail.com

Dan Jones Councilor 330-338-8029 T daniel.h.jones@sbcqlobal.net

Nicole Fraifogl Past President/Director, Viscus Biologics LLC Membership, 216-744-2740 ext 707 T Website/Social Media nicole.fraifogl@viscusbiologics.com Co-chair

Tom McQuaide Prior Past President/Director LyondellBasell Ind. 330-612-8613 T Tom.McQuaide@LyondellBasell.com

Dr. Mark Soucek Director, U Akron Polymer Eng. Student Chapter Advisor 330-972-2583 T msoucek@uakron.edu

Joshua Seylar Director, Student - U Akron Polymer Eng Student Chapter 865-437-6114 T SPE Liaison jcs201@zips.uakron.edu

Keith Pelfrey Director
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kpelfrey@neo.rr.com

Awards Open

Bob Wegelin Director Retired 330-414-1498 T robert.wegelin@att.net

Tony Dean Director, Retired Advertising/Public Interest, 330-929-9916 T Website/Social Media francis@neo.rr.com Co-Chair

Sherri Makar Hart Director
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Joe Mattingly Director, Education Goodyear Tire & Rubber Co. 330-208-6913 T joe@mattingly.us

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Jenny Digiantonio Newsletter Retired

330-806-6214 T jenny.akronspe@aol.com



Akron Section Society of Plastics Engineers Educational Foundation



1-20

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, 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 1983, 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 thirty years that the foundation has been in existence, it has provided scholarships to over 275 young men and women totaling in excess of \$385,000 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 1983, we offered those companies who contributed a substantial donation, a perpetual annual scholarship in their name. To date we have four named scholarships, Newell/Rubbermaid, Goodyear, Ken Sharp Memorial and Jim Steiner Memorial scholarships. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please print this page, fill out the information and mail it to Joe Mattingly, 4918 Massillon Rd, North Canton, OH 44720.

Akron SPE Scholarship Donation Commitment	
] \$50,000 lump sum	
] \$10,000/yr. next 5 yrs.	
] \$6,250.00/yr. next 8 yrs.	
] Other:	
Company name:	
Contact person:	
Ph. # or email:	

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your tax deductible donation at our Awards Night scheduled May 18, 2020.

We look forward to your support of this very worthwhile cause by your fine company. Please contact me at (330) 208-6913 with any questions. Thank you for your consideration.

Sincerely,

Joe Mattingly, Foundation Chair

Akron Section Society of Plastics Engineers, Educational Foundation

Akron Section Society of Plastics Engineers

Tony Dean, Advertising Manager 330-929-9916

Website, E-Blast & Newsletter Advertising

Insertion Order 2020-21

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.

This is the 62nd year of the Akron SPE Section and rates are for entire season, September 2020 – Summer 2021. **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. 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!** All ads included in newsletter, email blast (logo) and web site.

Email artwork and this Insertion Order (completed) as an attachment to francis@neo.rr.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	\$100
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	Half Page	Page width (7.5"), 5" high	\$250
	Full Page	7.5" wide by 10" high	\$350
Х	Hotlink to company website	N/A	No Charge

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