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 ~

September 15-16, 2020





Please click the following areas of interest:

Contacts at National

Member Benefits

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Akron Section

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The 2020-2021 Newsletter season begins today. We appreciate your support for our Section and welcome your advertisements for the next year.

Please see the insertion order request form on page 15 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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President's Message

Dear Akron SPE Members,

It is hard to even begin to think of where to start to give a recap on last year's program, or to give details of the upcoming year, but I will try.

I would like to first and foremost thank everyone on the Board of Directors for the Akron and Cleveland sections of SPE along with

ACESS for helping to coordinate and produce a rewarding and informative program for the 2019-2020 year. I would also like to congratulate the scholarship and award winners that would have been recognized during the May banquet, but due to the Covid-19 pandemic were only able to receive their recognition online and at a distance. Hopefully it did not diminish the fact that they are truly a special group of people. More can be seen about their accomplishments in our summer newsletter, which I also have to thank all those that keep it current and updated.

That was somewhat of a lead-in to this coming year's program, which will begin with SPE Thermoplastic Elastomers Virtual Conference 2020 being held September 15 and 16. Information can be found at: www.4spe.org/tpetopcon2020. The events for the remaining calendar are still being finalized at this point in time, and they will be released as soon as possible on our website: www.akronspe.org, and in our newsletters.

I know that we all want to return to some form of normalcy with our lives, but I would just like to say that we should all be a little patient with everything and everyone right now because we are in this together, and I know that we can succeed if we keep that in mind.

President, Akron Section

Larry Stanck

440-975-0070 ext 313 lstanek@enpac.com

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.





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Membership Report - 2020

The Akron Section currently has 230 active members.

<u>Month</u>	Active
Jan	253
Feb	252
Mar	
Apr	239
May	
Jun	
Jul	
Aug	230
Sep	
Oct	
Nov	We are always welcoming new
Dec	members – bring someone along
	to a meeting!
	Say hello to new members
	Haochen Guo
	Mark Soucek, University of Akron







TOPCON 2020

Exploring Sustainable Innovation 2020

The Akron Section of the Society of Plastics Engineers, along with the TPE Special Interest Group of the SPE, will again be hosting a conference this fall that highlights a unique blend of polymers, Thermoplastic Elastomers (TPE). This is the 14th time the conference has been held (normally every other year).

Themes this year will give valuable insight into Industrial Design, Regulatory, Consumer/Social and Competitive Trend Analysis and their effects on TPE design, formulation and fabrication.

This conference will push the envelope of development as we feature two keynote addresses. Janson Hauer (The Garage Group) will discuss Innovation Renewal and the Garage Group Story. Judit Purskas (The Ohio State University) will present her work on Piezo Active Elastomers for Biomedical Applications.

The program can be found at https://www.4spe.org/i4a/pages/index.cfm?pageID=5260

We were well into planning for 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 contains two full days of technical and market presentations delivered by leaders in the plastics industry. As an added bonus, registrants may access presentations at their leisure to review and revisit information shared during the conference.

You can register at https://www.4spe.org/i4a/pages/index.cfm?pageID=5226

KRON

Sponsors will be recognized during the conference. If you want to be a sponsor, go to https://www.4spe.org/i4a/pages/index.cfm?pageID=5225

This will be a great conference. Your registration will support the Akron Section and TPE SIG in their efforts to provide student scholarships and opportunities for students to participate in plastics industry events.

Technical Assistance

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



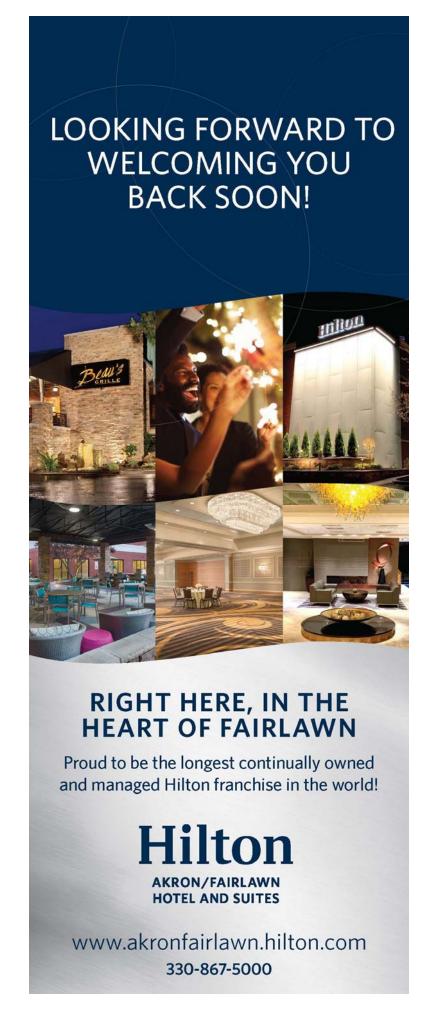
For local questions please contact the officers at akronspeweb@gmail.com

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!







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Board Meeting Minutes – August 3-4, 2020

Call to Order: Zoom meeting started at 5:30 PM

Note- two separate Zoom meetings-technical difficulties- computer/zoom

Set A- Aug 3 Set B- Aug 4

The meeting minutes have both Set A and B conversations included

Present – Set A: Keith Pelfrey, Joe Mattingly, Tony Dean, Joshua Seylar and David Schultz-Leader **Absent:** Larry Stanek, Nicole Fraifogl, Gary Taylor, John Fellenstein, Bob Wegelin, Sherri Makar Hart, Tom McQuaide, Kevin Malpass, Bob Weiler, Sahil Gupta and Dan Jones

Present – Set B: Larry Stanek, John Fellenstein, Sherri Makar Hart, Tony Dean, Kevin Malpass, David Schultz and Dan Jones

Absent: Tom McQuaide, Bob Weiler, Viv Malpass, Sahil Gupta, Joe Mattingly and Bob Wegelin

Minutes from March

Minutes from last zoom May 11 were reviewed and approved.

President's Remarks

President-Elect for 2020-21 is still needed - Larry in for a second term as President until another board member is able to fill the position.

Special note- Dan Jones is our new Councilor- Dan, Thanks so much for added service and support!

Technical Program 2019/20—Larry Stanek

Upcoming programs: All cancelled- re COVID 19:

March 9 - speaker from NASA - at Hilton in Fairlawn

April meeting - SmartShape tour set-up with Cleveland section

May - Awards banquet set at Firestone Country Club. Follow-up: Larry has a list of potential speakers to be distributed to BOD.

House—Gary Taylor

No report.

Technical Program 2020/21—BOD Committee

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.

- 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 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.



Board Meeting Minutes - 8/3-4 continued

Technical Program 2020/21—continued

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.
- 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.

Membership—Nicole Fraifogl

No report.

Treasurer—Gary Taylor

Gary provided latest report latest copy Bank statements- low volume of activity recently.

The rebate from SPE National continues to decline.

Councilor—Kevin Malpass/Dan Jones

Kevin informs he will get with Dan Jones and make sure he is up-to-date on latest Council issues for Intl. SPE.

Dan informed that Council and Intl SPE has a Zoom set for Aug 21- Leadership and that we need to have any Fellow applications in by Oct 1.

Student Chapter—Joshua Seylar

Joshua Seylar reported that they recently met and gathered new contacts for Akron SPE- he will, however, still be our main liaision.

Here is the current list of students on the council of the SPE student chapter at Akron:

President - Pratik Gotad - pg78@zips.uakron.edu

Vice President - Albree Weisen - arw96@zips.uakron.edu

Treasurer - Leyao Wu

Secretary - Jomin Thomas

Event Coordinator - Udayan Dabke - ujd2@zips.uakron.edu

The faculty advisor is Dr. Mark Soucek - msoucek@uakron.edu - 330-972-2583

I would also like to make everyone aware that the student chapter was awarded two SPE scholarships.

We were awarded the SPE Foundation Irv Poston Detroit Section Scholarship, as well as the SPE

Foundation Automotive and Composites Division ACCE Scholarship

Public Interest/Website/Newsletter—Tony Dean

Tony sent a report that he is up-to-date.

Tony has filed Officers and Committees for upcoming year with Intl.

Tony reports advertising amount is up this year.

Tony continues to provide short articles for West Side Leader and other papers when meetings are scheduled.



Board Meeting Minutes - 8/3-4 continued

National Awards—Larry Stanek, Keith Pelfrey

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

Section Awards—Keith Pelfrey

No report- undecided as to what will happen in the future- May 2021.

Education Committee—John Fellenstein

Renewal of scholarships: Committee has required confirmation from students that major continues focus on plastics. John informed checks soon to be sent for Fall 2020.

John also informed that through PlastiVan -Intl SPE that they have had to make major changes as no in person visits but have developed some new Virtual modules and that they have a filming session set for September and plan some live streaming The BOD was very excited to hear of the project. Science Fairs:

Dan Joes reports that they plan for future to use same Virtual model as developed for this past year and that OAS is meeting soon to discuss other modifications for Ohio- Science Community as it pertains to Fairs.

Education Foundation—Joe Mattingly

The Committee recently met virtually in July and it was determined that with our newly managed account that has done well based on current times that we would not make any changes to our portfolio. Scholarships – Target set for \$11k and reassessed criteria to closer match bylaws Bylaws still under review.

Growth Committee—Kevin Malpass

Kevin informed he still has great interest to continue as we try to identify new avenues to grow Akron Section SPE.

2020 TPE TOPCON—David Schultz/Gary Taylor

TPE TOPCON 2020 is set and ready to go virtual. We now need Sponsors and attendees- date September 15 and 16

TPE SIG under guidance of Bill Blasius has developed a very strong program with 3 Keynotes and 19 Papers for 2 full day sessions

Next TOPCON Committee meeting set for 5:30 PM, Sept 1- Zoom

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





Board Meeting Minutes – 8/3-4 continued

ACESS Update

ACESS is still alive and well and we are in the process of developing plans for helping Societies re COVID-19 issues.

Old Business

None to report.

New Business

ACESS has recently requested aid with Teacher Grants- Larry Stanek and Gary Taylor to handle as BOD determined that we should provide at least one Teacher Grant as in the past.

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 7:15 PM – Next BOD Meeting set for August 31 Zoom 5:30 p.m. John Fellenstein has offered Lecture Hall at PEAC for future meetings- in person at U of Akron.





Programs for 2020 / 2021

Sept. 15-16 TOPCON 2020

-- Virtual

October – May

To be determined

Pico Rivera, CA 1-800-883-9911



Akron Section Past Presidents

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
CDO			

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@sbcglobal.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
Retired
216-315-0966 T
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

Case Analytical Laboratories

330-634-3452 T contact@caseanalytical.com

Joe Mattingly Director, Education Goodyear Tire & Rubber Co. Foundation 330-208-6913 T

330-208-6913 T joe@mattingly.us

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Vivian Malpass Director

Tek-Mark International 330-342-1120 T 330-342-1134 F

vivian.malpass@tek-mark.com

Robert Weiler Director, Retired VINYLTEC 2019 Co-chair

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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.

cron SPE Scholarship Donation Commitment	
] \$50,000 lump sum	
] \$10,000/yr. next 5 yrs.	
] \$6,250.00/yr. next 8 yrs.	
Other:	
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ontact person:	
ı. # 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

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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.**

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