Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 63rd Year of Education and Service to the Plastics Industry

~ Next Session ~

To Be Determined

We will keep you posted

SPE National

Please click the following areas of interest:

Contacts at National

Member Benefits

Join SPE

Akron Section



Advertising with SPE Akron

The 2021-2022 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 17 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,

Greetings, welcome to the 2021-2022 Akron SPE Year!

This is now my third time as the President of the Akron Section of SPE. As you can imagine, SPE activities and meetings have changed since the Pandemic began in 2020. I hope we can get to back to some sense of normalcy with our meetings and activities starting in the fall of 2021.

I want to invite our members to participate in our SPE events, whether its attending a meeting or wanting to join our board or to help guide the section activities, we are always looking for our members to become involved.

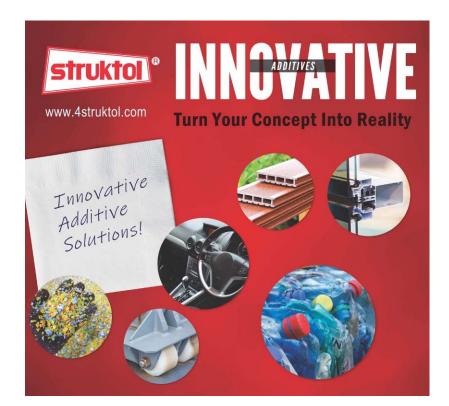
We will have a strong Akron University Student Chapter program; we will continue to provide scholarships to deserving students through our Education Foundation; we will continue to support worthwhile educational activities such as the Science Fair; we will continue to involve local school students in special plastics projects and participation in the SPE Essay Contest. These are some of the activities that we will be striving for this year.

Come Join us!

President, Akron Section

Joe Mattingly

330-208-6913 joe@mattingly.us





Advertiser Index Akrochem 9 Case Analytical Laboratories 3 Charter Next Generation - CNG 8 **David Industrial Sales** 6 **Dover Chemical** 9 Harwick Standard 3 Hilton Inn 4 Performance Additives 5 **Polysort** 7 Struktol 2 Picture your ad here And also on www.akronspe.org

Join us for this season's advertising – see page 17 for the order form

We provide material testing and analysis with a fast turnaround and quality results. Consider Case Analytical Laboratories to help you with quality challenges you may face with raw materials, processing, or finished products. We are a customer-focused, low-cost testing and consulting service for the polymer industry. Using industry standards or customized methods, we will work closely with you to address: Contamination Issues Identification of Materials Thermal Analysis Material Composition Thermal Stability (234) 206-0202 contact@caseanalytical.com www.caseanalytical.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.

The Akron Section is in need of New Board Members.

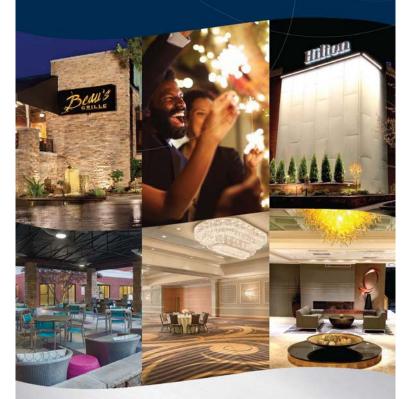
Please consider becoming a Board Member to help support your Section.

Contact anyone currently on the board if you are interested.

Thank You!



LOOKING FORWARD TO WELCOMING YOU BACK SOON!



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June 29 Board Visit

We had a lovely visit with Akron Section Director Vivian Malpass.









Membership Report - 2021

The Akron Section currently has 172 active members.

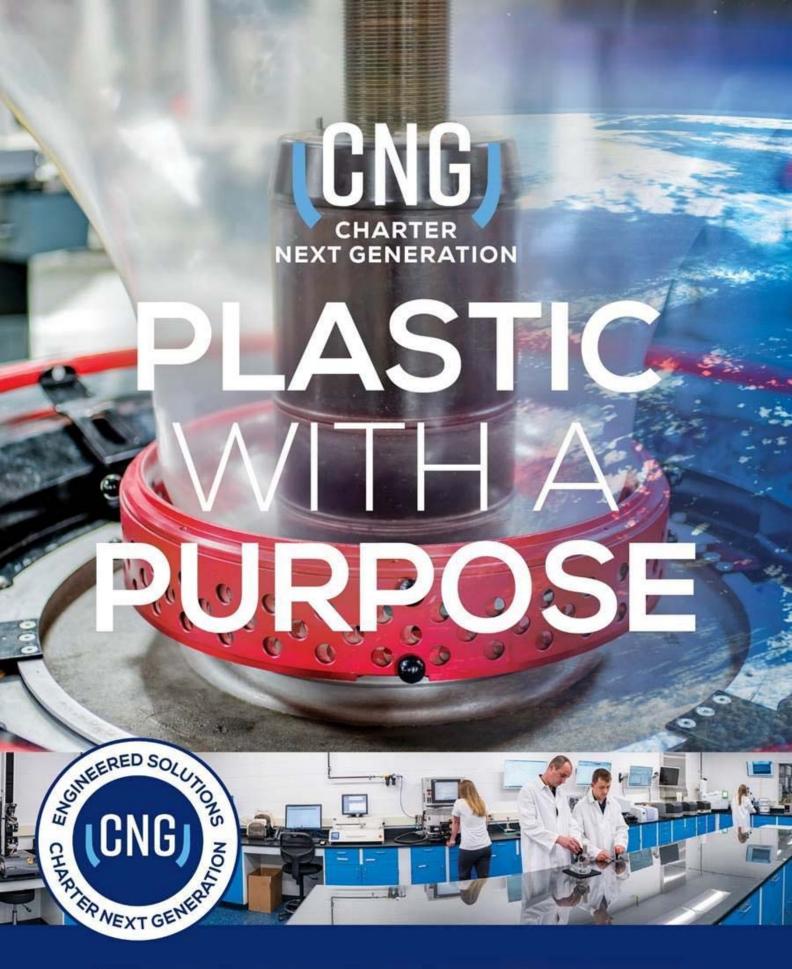
Month	Active
Jan	178
Feb	178
Mar	175
Apr	171
May	176
Jun	175
Jul	174
Aug	172
Sep	

We are always welcoming new members – invite someone to a meeting!

New Members
Hakan Aras, Student
Hamza Chattha, Student
Irlaine Machado
Thomas Maier, Monolith Materials







Learn more at: cnginc.com



The Chain has moved – it's now SPE Communities

All your favorite places like Tech Talk and Industry Exchange are still available on SPE's new and improved platform! In its place, the new SPE Communities site is open now.

Communities are an ideal way to stay connected with your peers to collaborate, share advice, find solutions and build relationships. Participants can interact with other members, subscribe to posts, see who else is online, receive discussion notifications, connect directly to each other via direct messaging and more. All new discussions should be posted in the new location, old discussions will not be brought over. Get in on the discussions or start a conversation –

Check it out today!

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Tech Talk

This is where professionals from around the world discuss the latest technical issues and innovations in range of marketplaces. Put the knowledge and expertise of thousands of plastics professionals to work for you. Ask a question. Or provide an answer. Click here.

For technical polymer questions please use the SPE International forum "Tech Talk"

For local questions please contact the officers at akronspe1@gmail.com



Board Meeting Minutes – June 7, 2021

Call to Order: In person at Papa Joes!! Meeting called to order at 5:30 PM

Present: Larry Stanek, Gary Taylor, David Schultz, Tony Dean, Keith Pelfrey, Bob Wegelin, Bob Weiler, Joe Mattingly, Kevin Malpass, Dan Jones and John Fellenstein

Absent: Tom McQuaide, Sahil Gupta, Sherri Makar Hart, Nicole Fraifogl and Joshua Seylar

Minutes from Previous Meeting

Minutes from May meeting were reviewed and unanimously approved.

President's Remarks

The year after all the zoom meetings and Virtual meetings with Cleveland is now coming to a close. Thank you for all the hard work from Program Committee and the whole BOD. We developed and ran three Virtual meetings jointly with Cleveland- Thank you again to Missi Sakach at Educational Service Center Cuyahoga Falls for hosting!! Missi was invited to the Wrap up meeting but could not attend. We are now looking forward to meeting in person and developing ideas, suggestions for the upcoming year. We hope as well to be able to work with Rik Keeley and Susan Montgomery-Cleveland again.

In addition most IMPORTANT ACTION ITEM- Search for SOCIAL MEDIA HELP!!- Joshua Seylar has tried via social media to make contact with U of Akron student James Garcher in Marketing via Linked IN who as well works in Polymer Science Dept. We anticipate with his help we can make sure SPE and its' activities and meetings are seen and thus bring added attendance to our meetings!!! We now have a presence on Linked In - thank you to Sherri Hart.

Technical Program 2020/21—Larry Stanek, Joe Mattingly

Thoughts for upcoming programs:

- Thanks goes to Keith Pelfrey and Sherri Hart who developed a Zoom Awards Banquet for May 17 hosted by new ASPE Zoom. The speaker was Everton Callum from Goodyear. He spoke to 'What HR Managers are looking for in hiring Engineers and other positions directly out of College". Everton did an excellent job and totally hit all major points for job searchers in the technology arena.
- We think that going forward it will be important to be flexible on all in person meetings and develop added logistics to help support Akron/Cleve Sections. We also can have a wider audience and perhaps attract new BOD members from different demographics. This as well may open up an opportunity to interact to a greater level.
- We need to make sure to make contact with Rik Keeley and Susan Montgomery for their programing ideas for year 2021-22.
- BOD has been requested to review thoughts and plans for meeting for next year upcoming 2021-22 year- hopefully in person by the Fall. We anticipate we could provide programming every other month. In addition to in person we could now easily offer a virtual option.
- Subjects for potential future topics based on in person meetings vs Virtual still to be considered •Sustainability
- •Cyber technology- Goodyear, Tim Dimoff potential speakers
- Smart tires- Goodyear
- •"Green" based meeting



Board Meeting Minutes – 6/7 continued

Technical Program 2020/21—Larry Stanek, Joe Mattingly (continued)

Kevin suggests a virtual meeting for early year What SPE has to offer- Value

- 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: even virtual tours may be possible high participation, lower cost for attendees, and profitable for section

- 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
- 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

House—Gary Taylor

No report.

Membership—Nicole Fraifogl

Membership is still at around 175 members, a number of members lapsed in March (new list sent)-reviewed and Committee Keith Pelfrey, Sherri Hart and David Schultz will make contacts and try to realign to Akron Section- SPE. Contacts have been made with low level of response- plan to circle back with Sept in person and Virtual meeting.

Treasurer—Gary Taylor

Gary reported he is up-to-date on financials, finalized review of Expenses through May 2021. Square online worked well for Feb/March/April Virtual meetings. May meeting was free.

Councilor—Dan Jones

Bob Weiler reminded that there is a new class of Section- Regional Interest Group. It was developed to a modified version of current Sections with less reporting and specific Intl. requirements. We anticipate that may help various areas in Ohio- Sandusky, Columbus and Cincinnati..

Education Committee—John Fellenstein

I met with Dr. James Eagan last week. He is working on a project with one of the student design teams, see below.

Zips Precious Plastic

"Engineers for a Sustainable World"

Using open source plans for plastics recycling machinery found at https://preciousplastic.com/ The student project paper can be found here:

https://ideaexchange.uakron.edu/cgi/viewcontent.cgi?article=2405&context=honors_research_projects Dr. James Eagan at UA is working with the group. He is looking to develop curriculum materials focused on plastics recycling in conjunction with the Zips Precious Plastic design team.



Board Meeting Minutes – 6/7 continued

Education Committee—John Fellenstein (continued)

One challenge is that this group is made of students, and they keep graduating.

He is interested in collaborating with local professionals to move the project forward, and I offered to bring this up to the BOD. Would any board members be interested in helping to organize recycling outreach activities at UA? Any input from the board would be appreciated, thanks.

Student Chapter—Joshua Seylar

Josh informed that PESO still has available T Shirts - contact Joshua Seylar as this helps the newly expanded Student Chapter. T- Shirts available for \$15 for ASPE Members.

Public Interest/Website/Newsletter—Tony Dean

BOD will hope to review options in future to provide free advertising to companies that we tour.

- Have contacted current section sponsors (plus 1 new) about newsletter ads for 2021-2022 year.
- So far 5 have committed.
- Will continue efforts with other potential sponsors including free advertising for companies that offer tours.

We most recently received a request and have them aligned as a newly developed general Section Sponsor- Excellent thoughts as we align future.

National Awards—Larry Stanek, Keith Pelfrey

Bob Weiler was informed that he received the Honored Service Member Award- A BIG CONGRATULATIONS to Bob well deserved of this Award after many years of service both Vinyl Division and Akron Section- SPE. Virtual on line presentation planned by Intl.SPE for June 29 at 3PM. Joe Mattingly will now move forward to develop supporting data and support information to Intl for year 2021.

Section Awards—Keith Pelfrey

It has been suggested that we make a list of long term 30 plus years down to 15 years in Akron Section for SPECIAL Recognition.

In addition John Fellenstein will be providing list of new Scholarships for this year.

Education Foundation—Joe Mattingly

Joe reported that all continues with re-group of the portfolio to go very well as market continues to grow. May however consider some changes for late year in 2022.

Bylaws still under review.

Growth Committee—Kevin Malpass

IMPORTANT. Kevin reports he feels that he would now like to align with Membership Committee in tandem to discuss future for ASPE. Separate Zoom to be set up to discuss future objectives. Suggested now with ASPE Zoom account to develop an outreach for early next year. We may be able to utilize older detail Top 20/20 brochure from past with a rework to include Top 10 reasons to join SPE-Akron for Awards Banquet and as well include Application potential to join Akron Section. In addition we also talked about contacting National to see what help and/or advice that we can get regarding how to offer and how to handle the possibility of running a virtual event for attendees that cannot make it to a live event. We have contacted Kathy Schact to see what info/recommendations she may have on the subject and I will pass it along when I receive it.



Board Meeting Minutes – 6/7 continued

2022 TPE TOPCON—David Schultz

Akron set to host TPE TOPCON for October 2022 - hope onsite vs virtual.

Contact- TPE SIG- Brad Guiliani- Otis Elevator.

In addition it has been suggested to confirm timing for Akron to help and host Vinyltec in the future.

ACESS Update

ACESS BOD is still on Virtual Zoom format plans to join in SPE Virtual set-up for 2021 and into 2022. The November Banquet is being discussed currently. In addition ACESS is moving forward on developed plans in early 2020 projects with Soap Box Derby as well as NEO Bio Med in Rootstown. None to limited societies are yet planning meetings. Picnic planned for mid- August in person!!

Old Business

None to report.

New Business

New BOD has been aligned for new year. Joe Mattingly will be President and thus David Schultz will takeover as Education Foundation- Chair.

Joe reports that Everton Callum- Goodyear may attend an upcoming BOD meeting.

Interest in future in hosting a Podcast.

GOOD to Know- I most recently made contact via Linked IN with a CSU student in Marketing- Molly Bregar, who in turn showed interest to help Cleveland Section on Social media side. She has a good friend at Univ of Akron- who as well is Marketing and has interest in polymers- works part time in Polymer Science Dept. We are hoping to align them both in Akron and Cleveland to aid in a new Social Media push! I have recently found out Molly Bregar is Bill Bregar's daughter. Bill recently passed away and was a great friend to Akron Section over the past many years as he attended many meetings and reported on them in Plastics News.

Honor Bill's 31 years at Plastics News\$31

Make a gift to support aspiring journalists in plastics and manufacturing.

Meeting Adjourned 8:05 PM Next BOD meeting late August – TBD - IN PERSON





Akron Section Past Presidents

1959-1960	Donald F. Siddall	1990-1991	Geraldine R. Stromquist
1960-1961	Milan Krajcik	1991-1992	Spencer Kreiser
1961-1962	Foster J. Young	1992-1993	Robert C. Wegelin
1962-1963	Dickson L. Stoker, III	1993-1994	Anthony F. Dean, Jr.
1963-1964	Edward L. Hillier	1994-1995	Wayne Decamp
1964-1965	John R. Russell	1995-1996	Melanie Stewart
1965-1966	John R. Russell	1996-1997	Kevin Hershfield
1966-1967	Clyde H. Jones	1997-1998	David Schultz
1967-1968	Alan Corry, Jr.	1998-1999	John Raab
1968-1969	Bernard M. Saffian	1999-2000	Gary Taylor
1969-1970	Harold R. Schick	2000-2001	Kevin Malpass
1970-1971	Robert G. Hills	2001-2002	Kenneth L. Sharp
1971-1972	John J. Satterfield	2002-2003	Joseph E. Pfeiffer
1972-1973	Alexis M. Gross	2003-2004	Robert C. Wegelin
1973-1974	Francis J. Maurer	2004-2005	Joseph Mattingly
1974-1975	Leverett A. Anderson, Jr.	2005-2006	Lloyd A. Goettler
1975-1976	Robert M. Hershey	2006-2007	John Woodside
1976-1977	Richard L. Fleshman	2007-2008	Vivian Malpass
1977-1978	David Curtis	2008-2009	Joseph Mattingly
1978-1979	John A. Zelek, Jr.	2009-2010	David A. Katz
1979-1980	Gerald W. Whitnable	2010-2011	Lloyd A. Goettler
1980-1981	Kathleen N. Bechter	2011-2012	David Schultz
1981-1982	Victor E. Giuffrida	2012-2013	Kevin Malpass
1982-1983	James Steiner	2013-2014	Dan Jones
1983-1984	Robert G. Hills	2014-2015	Vivian Malpass
1984-1985	Anthony F. Dean, Jr.	2015-2016	Keith Pelfrey
1985-1986	Gene Buser	2016-2017	Robert Weiler
1986-1987	Harry J. Barth	2017-2018	Tom McQuaide
1987-1988	Judith A. Fallon	2018-2019	Nicole Fraifogl
1988-1989	William E. Tosko	2019-2020	Larry Stanek
1989-1990	Robert C. Wegelin	2020-2021	Larry Stanek
		2021-2022	Joseph Mattingly
CDO		I and the second	

Akron Section Board of Directors

Joe Mattingly President/Chair, Goodyear Tire & Rubber Co.
330-208-6913 T
joe@mattingly.us

Open President/Chair-elect

David Schultz Secretary,

Rubber World Magazine Education Foundation
330-283-5721 TOPCON 2022
schultzdave54@gmail.com

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kpelfrey@neo.rr.com

Bob Wegelin Director

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Vivian Malpass Director

Tek-Mark International 330-342-1120 T

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Robert Weiler Director

Retired

rgweiler@zoominternet.net



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/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 held in May each year.

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

Sponsorships

Insertion Order 2021-22

Polymer Valley News: Akron Section SPE Newsletter - http://www.akronspe.org

This is the 62nd year of the Akron SPE Section and rates are for entire season, September 2021 – Summer 2022. **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, and all contain a hotlink to your company website.

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