

# Polymer Valley News



TPEs  
Unmasked



## THERMOPLASTIC ELASTOMERS CONFERENCE

September 20-22, 2022 • Akron, Ohio  
Presented by the Thermoplastic Elastomers Technical  
Interest Group and SPE Akron Section

The Newsletter of the Akron Section of the Society of Plastics Engineers  
*Our 64<sup>th</sup> Year of Education and Service to the Plastics Industry*

~ Next Session ~

Tuesday - Thursday,  
September 20-22, 2022

15<sup>th</sup> TOPCON

Hilton Inn  
3180 West Market Street  
Akron, Ohio 44333

See page 2 for full details and a link to registration and see page 3 for directions and a map.

### ~ Reminder to our Advertisers and Sponsors ~

The 2022-2023 Newsletter season begins now. We appreciate your support for our newsletter and welcome your advertisements for this year.

Please see the insertion order request form on page 18 for your ad with a live link to your site to be included in all editions of the **Polymer Valley News**. Your ad with the live link will also be featured on our web page and your logo shown in all our email blasts.

We look forward to working with you!

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# THERMOPLASTIC ELASTOMERS CONFERENCE

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## TPE TOPCON 2022 – “TPEs Unmasked”

Whether they are the soft covering on your pen or on the dashboard of your car, medical tubing and IV bags, building products, sportswear, appliances or used in 3-D printing, a broad class of materials known as Thermoplastic Elastomers or TPEs have found numerous applications in everyday life. Projections are that their use will continue to grow.

The term “Thermoplastic Elastomers” applies to a large family of plastic materials that behave like conventional vulcanized rubber compounds yet can be processed like thermoplastics by means of melt processes such as extrusion, injection molding or blow molding.

The Akron Section of the Society of Plastics Engineers, along with the TPE Technical Interest Group of the SPE, will be hosting a conference this fall that highlights these unique polymeric materials. This conference will be held at the Hilton Hotel in Akron, Ohio on September 20-22, 2022. The theme of the 15<sup>th</sup> Thermoplastic Elastomers Conference is “TPEs Unmasked”.

A full day primer on TPE basics, taught by industry experts, will take place on September 20 as a prequel to the main conference.

This conference will focus on linking the needs of today with the technology of the future. Focused segments on TPE include:

- Current trends in Markets and Technology
- Material innovation and New Application Development
- Process innovation (Compounding, Extrusion, Molding, 3D Printing)
- Healthcare and Medical
- Automotive and Transportation
- Sustainability

There will be two exciting keynote addresses.

Dr. Robert Savinell, distinguished professor and internationally recognized scholar from Case Western, will be sharing his experience in the highly relevant area of energy storage and Dr. Krishna Venkataswamy, a long-time industry professional who is currently the President and CEO of Innovation Development Insights, will share his insights on the history and future of TPEs.

There will be exhibitor booths and two evening networking socials.

For further information and opportunities for sponsorships and exhibitors, go to

<https://www.4spe.org/tpetopcon22>



# Directions to Meeting

**Hilton Inn, 3150 West Market Street,  
Akron, Ohio 44333**

From Cleveland Hopkins Airport

Take 480 East to I-77 South. Exit at #138 to Fairlawn.  
Turn right on Ghent Rd. Follow south for two miles.  
The DoubleTree is at West Market Street (Rt. 18) and  
Ghent Road. Turn Right on West Market Street. Hotel  
is located on the left.

Driving South on I-77

Exit at #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The DoubleTree is at West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.

Driving North on I-77 (From Akron/Canton Airport)

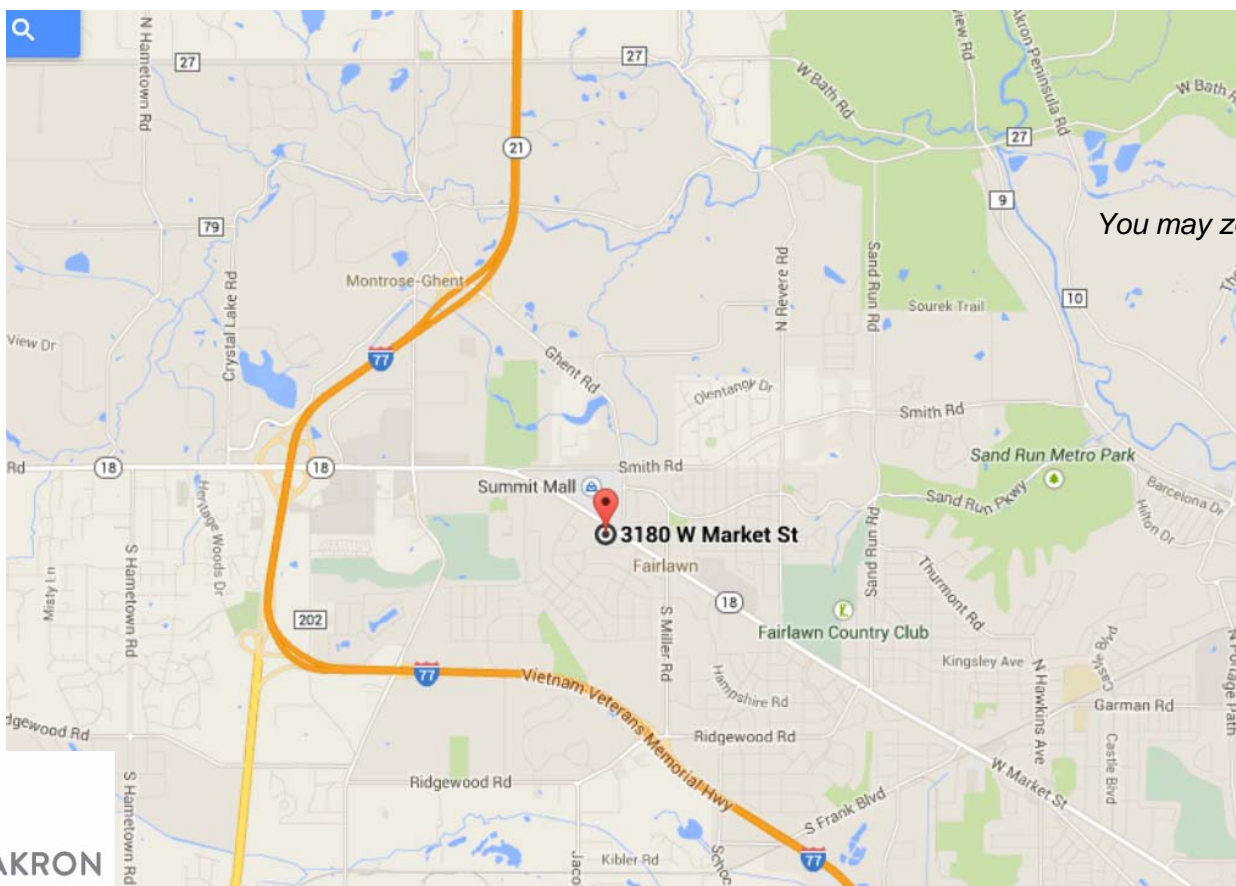
Exit at #133 – Ridgewood/Miller Rd. Go straight through the exit for approximately 2 miles. Turn left on Market Street (2 blocks). The Hotel is located on the left

Driving North or South on I-71

Take Route 18 – Medina Exit #218. Drive east on route 18 approximately 10 miles. The DoubleTree is located on the right side opposite the Summit Mall

Ohio Turnpike

Take the Cleveland/Akron I-77 Exit #173 off the Ohio Turnpike. Take I-77 south to exit #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The DoubleTree is at West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.



*You may zoom in*



# President's Message

Hello fellow SPE enthusiasts,

The Akron Section of the Society of Plastics Engineers is preparing for the fall 2022 TPE TopCon, and the Akron Section's technical meeting season. As you may recall our section gave out \$11,000 in scholarships for 2022/2023, and presented our first ever Medal of Honor lifetime achievement awards to three of our long-time members at our May 2022 Banquet. This year we are going to start the scholarship cycle again and will be looking for new applications from aspiring engineers, chemists and compounders and those interested in plastics, who are from our sections' area. Keep an eye out for the applications on our website.



I'm also remaining on as the Akron Section President for 2022/2023. I want to thank all of the Akron Section Board members and volunteers for preparing this year's events and presentations that are so educational and entertaining for our members. A special call out to Our TPE TopCon Team for all of their work in preparation for September's event..

I hope to see you join us at our meetings and events this year!

Best regards,

*Joe Mattingly*

President, Akron Section  
330-208-6913  
joe@mattingly.us

## SPE National

Please click the following areas of interest:

[Contacts at National](#)

[Member Benefits](#)

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[Akron Section](#)



**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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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.

For current postings, visit <http://www.akronspe.org/job-posting>

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Ryan Wright, Midwest Regional Sales Manager  
 Phone: 330-243-6785  
 Email: [ryan.wright@doverchem.com](mailto:ryan.wright@doverchem.com)

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

*New Members*  
 Bryon Osborne, Myers Industries, Inc.  
 Michael Skladany, Valtris



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## Membership Report

The Akron Section currently has 159 members.

Lapsed - 13, Active – 159  
 2 new members


<u>Month</u>	<u>Active</u>
Jan	187
Feb	187
Mar	--
Apr	--
May	165
Jun	--
Jul	159
Aug	
Sep	
Oct	
Nov	
Dec	

# Programs for 2022/23

- Sep. 20-22 **15<sup>th</sup> TopCon**  
-- *Hilton Inn Fairlawn - Akron \**
- Oct. 13 **Sustainability Rocks, Part 2**  
Helping Molders Tune In to the  
Circular Economy – 8am to 6pm  
-- *Corp. College East - Cleveland \**
- Nov. TBD **DODE, Dan Gisser**  
-- *Akron \**
- Nov. 8-10 **Compounding Conference**  
-- *Huntington Center - Cleveland \**
- Dec. -- **TBD**  
-- *Akron \**
- Jan. TBD **ACCESS –**  
-- *Akron \**
- Jan. TBD **NEO Team**  
-- *Virtual –Cleveland \**
- Feb. 24 **Sustainability, Madison Group**  
-- *Virtual - Cleveland \**
- Mar. -- **TBD**  
-- *Akron \**
- Apr. -- **TBD**  
-- *Cleveland \**
- May - **Akron Section Awards Night**  
-- *Akron \**

*Meetings are joint with Cleveland  
Section with host section denoted by \**

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## 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!](#)

## 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”**

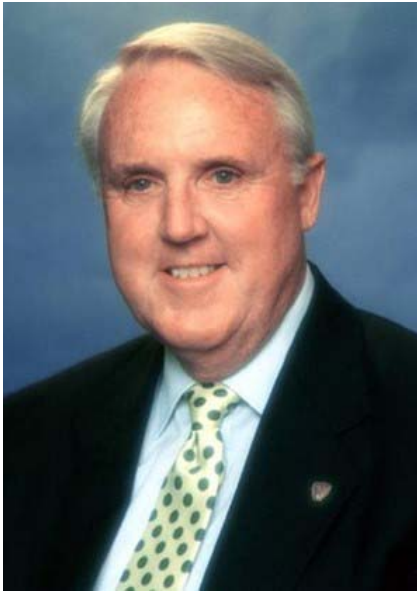
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# A Visit with Viv ...

The Medal of Honor Lifetime Service Award was recently presented to Vivian E. Malpass. Several Akron members paid a visit to present this to him in person and enjoy a visit.







Founded in 2005, Performance Additives' goal is to open the global supply chain to make raw materials and polymer technology more accessible to North American manufacturers. We have warehouses strategically placed around the USA for efficient inventory management, a sales/technical support team readily available, as well as a technical lab in North Carolina to offer complete customer support. Our product line has a large focus on the PVC industry but is diverse enough to be capable in all polymer types.

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## SAVE THE DATE!



### “SUSTAINABILITY ROCKS”: Part Two

Helping Molders Tune In to the Circular Economy

Thursday, October 13, 2022: 8:00AM- 6:00PM

IN- PERSON Event Sponsored by the SPE Injection Molding Division and the Cleveland and Akron SPE Sections

- Technical and Practical Presentations by Sustainability Experts
- Panel Discussions
- Networking Reception

#### Registration Fees:

**SPE Injection Molding Division Members: FREE**

**SPE Members: \$25**

**Non-SPE Members: \$99**

LOCATION:  
CORPORATE COLLEGE EAST  
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# Akron Section Past Presidents

*63 years of  
excellence*

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

# Akron Section Board of Directors

Joe Mattingly <i>Goodyear Tire &amp; Rubber Co.</i> 330-208-6913 T joe@mattingly.us	President/Chair, Director	Keith Pelfrey <i>Retired</i> 216-315-0966 T kpelfrey@neo.rr.com	Director
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Robert Weiler <i>Retired</i> 330-283-9024 rgweiler@zoominternet.net	Treasurer, House, Director	Sherri Makar Hart <i>Case Analytical Laboratories</i> 330-634-3452 T contact@caseanalytical.com	Director, Newsletter
Dan Jones 330-338-8029 T daniel.h.jones@sbcglobal.net	Councilor	Sahil Gupta <i>Parker Hannifin Corp.</i> 330-296-1421 T 330-296-8433 F sahil.gupta@parker.com	Director
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Weinan Xu <i>Professor, U Akron Polymer Eng</i> 240-302-8321 T weinanxu@uakron.edu	Director, Student Chapter Advisor	Vivian Malpass <i>Tek-Mark International</i> 330-342-1120 T vivian.malpass@tek-mark.com	Director
Stephen Riley <i>Student - U Akron Polymer Eng</i> 216-956-2582 T srr57@uakron.edu	Director, Student Chapter SPE Liaison		





# Akron Section Society of Plastics Engineers Educational Foundation



06-22

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 nearly forty years that the foundation has been in existence, it has provided over 300 scholarships to young men and women totaling in excess of \$441,000 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 David Schultz, 610 Berkshire Drive, Medina, Ohio 44256.

## 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) 283-5721 with any questions. Thank you for your consideration.

Sincerely,  
*David Schultz, Foundation Chair*  
*Akron Section Society of Plastics Engineers, Educational Foundation*



**Akron Section Society of Plastics Engineers**  
Tony Dean, Advertising Manager - 330-929-9916

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**Insertion Order 2022-23**

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This is the 63<sup>rd</sup> year of the Akron SPE Section and rates are for entire season, September 2022 – Summer 2023. **Payable in Advance. Please let me know if you need an invoice.**

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