

Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 66th Year of Education and Service to the Plastics Industry

~ Next Session ~

Tuesday, January 23, 2024
5:15 p.m.

R. Shea Brewery – Canal Place
504 S. Main Street, Suite 214
Akron, Ohio 44311

Meeting Information

Member and/or guest \$20
Retired, Student, \$10
Unemployed

Social-networking 5:15 p.m.
Dinner 6:30 p.m.
 pizza buffet, cash bar
Program 7:15 p.m.

[Click here to register and/or prepay.](#)

**Empowering Tomorrow:
Navigating the Battery Future**



**Jing Lyon, Entrepreneur Programs Director
BRITE Energy Innovators**

See page 2 for details.



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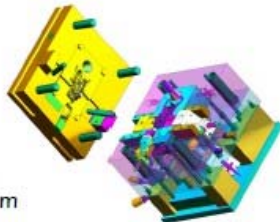
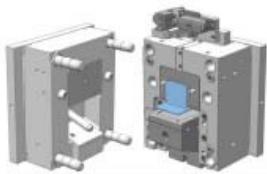
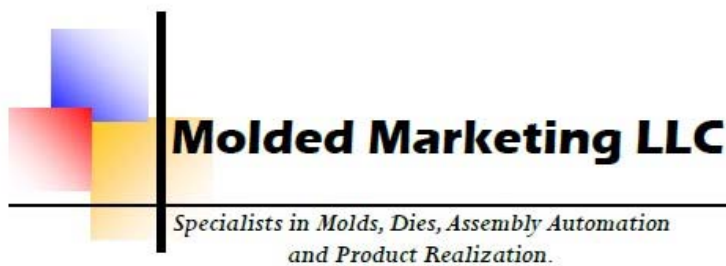
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Empowering Tomorrow

**Jing Lyon, Entrepreneur Programs Director
BRITE Energy Innovators**

In our pursuit of a sustainable and electrified future, the significance of batteries is undeniable. This presentation, titled "Empowering Tomorrow: Navigating the Battery Future," explores pivotal aspects of the battery landscape.



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Scott Peters—President

Commencing with an examination of battery types driving energy storage innovation, we traverse from traditional lithium-ion to emerging technologies, delving into their unique characteristics and applications. Specifically, we dissect the two major applications of EV vs Stationary to understand these distinct markets. A broad landscape overview follows, offering a macroscopic view of the battery market, and shedding light on challenges and opportunities within the space. The discussion extends to the impact of federal funding and incentives, concluding with an insightful overview of what is happening in our region.

	<ul style="list-style-type: none"> • Volumetric, Gravimetric, Belt & Screw Feeders 		<ul style="list-style-type: none"> • Explosion Mitigation & Prevention Equipment for Combustible Dust
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*Picture your ad here
And also on www.akronspe.org*

**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!

*Join us for this season's advertising
– see page 13 for the order form*

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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-
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Membership Report

The Akron Section currently has 170 members.

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

SPE National

Please click the following areas of interest:

Board Meeting Dates

Aug 28, 2023	Jan 8, 2024
Sept None	Feb 5
Oct 2	March 4
Nov 6	April 1
Dec 4	May 6

[Contacts at National](#)

[Member Benefits](#)

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[Akron Section](#)





VINYLTEC®

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Thermoplastic Elastomers Conference



Compound Interest: TPEs in a Circular Economy

October 1-3, 2024 *

Akron, OH

Presented by the Thermoplastics Elastomers Technical Interest Group and SPE Akron Section

Call For Papers

The TPE TIG and Akron Section of SPE invite the submission of abstracts for presentation at the 16th TPE TopCon 2024.

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

Homaira Naseem, homaira.naseem@orbia.com, (508)-574-4684

Aparajita Bhattacharya, Aparajita.Bhattacharya@kraton.com, (281)-389-3057

Bill Blasius, wgblassius@gmail.com, (774)-545-0990

Sessions exploring sustainability, recycling, bio content, composting, part consolidation, efficient design, minimizing machine energy, material formulation and regulatory trends.



Abstract Deadline: March 30, 2024

Completed Presentation Due: August 30, 2024



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STAY FOR EVERYTHING ELSE.**



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Programs for 2023/24

- Sep. 11 **Global Economic Factors Now Favor US Plastic Product Mfg over China-Based Operations**
Greg Kozera, Shale Crescent USA
-- *Hilton Inn Fairlawn - Akron* *
- Oct. **Vinyltec**
10-12 Positioning Vinyl for Tomorrow
-- *Hilton Inn Fairlawn - Akron* *
- Nov. **Compounding Conference**
15-16 -- *Huntington Convention Center - Cleveland* *
- Dec. No gathering – Happy Holidays!
- Jan. 23 **ACCESS – EV Battery Recycling**
Jing Lyon, BRITE Energy Innovators
R.Shea Brewery -- Akron *
- Feb. TBA **Sustainability - Webinar**
Conor Carlin
-- *TBA - Cleveland* *
- Mar. 11 **Vinyl Institute**
Dom Dicaria
Blue Canyon -- Akron *
- Mar. 12 **ACCESS-Stem event**
University of Akron -- Akron *
- Mar. 13 **ACCESS / ACS / Akron Section Solving Challenges in the EV Applications in Coatings and Adhesive Materials**
Dr. Emmanuel Pitia
R.Shea Brewery -- Akron *
- Apr. TBA **Lighter than Air Research Tour**
-- *TBA - Cleveland* *
- May TBA **Akron Section Awards Night**
TBA -- Akron *



SPE Communities, formerly The Chain, is where industry professionals can participate in peer-to-peer conversations and engage in technical and non-technical discussions. Communities participants can subscribe to posts, see who else is online, receive discussion notifications, connect directly to each other via direct messaging and more. Communities are an ideal way to **stay connected with your peers** to collaborate, share advice, find solutions, and build relationships.

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



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- > Slip Agents (Amides)
- > Tackifiers

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

Sponsorships

Insertion Order 2023-24

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

This is the 65th year of the Akron SPE Section and rates are for entire season, September 2023 – Summer 2024. **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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