Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers Our 64th 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

Empowering Tomorrow: Navigating the Battery Future



Jing Lyon, Entrepreneur Programs Director BRITE Energy Innovators

See page 2 for details.





Incorporated 1946

Akron Council of Engineering

and Scientific Societies

Meeting Information

Member and/or guest Retired, Student, Unemployed Social-networking Dinner 5:15 p.m. 6:30 p.m.

pizza buffet, cash bar Program 7:15 p.m.

The link to register and/or prepay will be included in the January newsletter and on the website.

Newsletter Contents

Meeting info and registration 1 2 Meeting details and presenter 3 Advertiser index 3 Join the Board 3 Job postings 4 Membership report Board meeting dates 4 4 SPE National links of interest VINYLTEC 2023 sponsors 5 7 Programs for the season Compounding World Expo pics 8 SPE Communities - The Chain 10 **Board Meeting Minutes** 11 **Akron SPE Past Presidents** 14 **Akron Section Board Members** 15 SPE Education Foundation 16 Advertising order form 17

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.





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.

Advertiser Index

Akrochem David Industrial Sales Dover Chemical Harwick Standard Hilton Inn Molded Marketing LLC Struktol

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 17 for the order form

6

2

3

4

7

2

10

High Performance Additives for Plastics

Antioxidants:

FDA Approved Doverphos® liquid phosphites: Doverphos®LGP-11® Doverphos®LGP-12 Doverphos® HiPure 4

> Doverphos® solid phosphites: Doverphos S-9228® Doverphos® S-680 Doverphos® S-682

> > Flame Retardants: Hordaflam and Paroil®

Secondary Plasticizers: Doverguard E-35



30-343-7711 * 800-321-8805 * Fax: 330-364-9626 * www.doverchem.com Customer Service: 800-753-6837 * customerservice@doverchem.com

Ben Woeste, Midwest Regional Sales Manager Phone: 330-284-1417 Email: bwoeste@doverchem.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.

For current postings, visit http://www.akronspe.org/jobposting





SUPERIOR PRODUCT, SELECTION, AND SERVICE



Akron, OH 1-800-899-4412 Pico Rivera, CA 1-800-883-9911

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 28Jan 8Sept NoneFeb 5Oct 2March 4Nov 6April 1Dec 4May 6

Contacts at National

Member Benefits

Join SPE

Akron Section





POSITIONING VINYL FOR TOMORROW

VINYLTEC Sponsors

~ Platinum Plus ~







Color-matching specialists you can trust



Akrochem Corporation has provided single-pigment dispersions and color concentrates under the Akroplast[®] brand name for over four decades.

We specialize in creating these dispersions and concentrates in PVC, EVA, PE, PE Wax, PP, VCVA, HIPS, and ABS. Our team has more than 120 years of combined color matching and technical experience which means you can count on Akrochem for quick turnaround times for your color-matching projects.

Our new, 80,000 square-foot plastics facility in Akron, Ohio manufactures pelletized and pulverized Akroplast products that feature the same high quality and consistency that has made Akrochem a leader in the rubber and plastics markets for generations.

Call us at 1.800.321.2260 today.





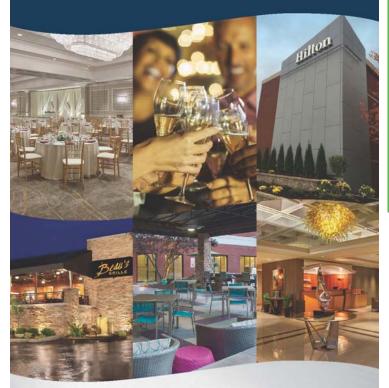
Specializing in single-pigment dispersions and color concentrates for the plastics industry.

AKROCHEM.COM

800.321.2260



COME FOR THE MEETING – STAY FOR EVERYTHING ELSE.



RIGHT HERE, IN THE HEART OF FAIRLAWN

Proud to be the longest continually owned and managed Hilton franchise in the world!



www.akronfairlawn.hilton.com 330-867-5000

AKRON



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



Compounding World Expo - North America













Compounding World Expo - North America















SPE Communities, formerly The Chain, is where industry professionals can participate in peer-topeer 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





SPECIALTY ADDITIVES ENGINEERED FOR AN EXTENSIVE ARRAY OF INDUSTRIES.

- > Lubricating Processing/Dispersing Aids
- > Activators
- > Homogenizers
- > Metal Stearates
- > Odor Control
- > Peptizers
- > Plasticizers
- > Polyethylene Waxes
- > Silane Coupling Agents
- Slip Agents (Amides)
- > Tackifiers



STRUKTOL COMPANY OF AMERICA, LLC Stow, Ohio | USA | 330.928.5188 CustomerService@struktol.com www.struktol.com

Board Meeting Minutes – November 6, 2023

Call to Order: In person at PEAC. Meeting called to order at 5:30PM.

Present: Dan Jones, Joe Mattingly David Schultz, Larry Stanek, Sherri Makar Hart, Critt Ohlemacher, Keith Pelfrey and Arsalaan Pathan
Online: Fred Carter, Tony Dean
Absent: Kevin Malpass, John Fellenstein, Sahil Gupta and Dakota Spencer

Meeting hosted by President Dan Jones. We welcomed Fred Carter- new Treasurer and new student PESO representative Arsalaan Pathan. Sherri Hart is new Councilor. Bob Weiler informs he still will be Active with Akron SPE- just not day to day or month to month. David Schultz will contact Sahil Gupta.

October 2 minutes approved as written. Sherri brought up opportunity to participate in FRS CLC Robotics Program.

Technical Program 2023/24—David Schultz / Larry Stanek

November- Joint Cleve/PlastiVan- Compounding Conf- Nov 15 and 16. January- Joint meeting ACESS- R Shea's or Bounce or Hilton- EV Battery – Recycling- Carla McBain/ Fred Carter-ACESS lead with ACS- Akron- David Schultz to contact Carla update. Feb planning to have Vinyl Institute speaker. March- Planned Tour of The Technology House. March 12- ACESS- STEM event U of Akron. March 13- Joint ACESS meeting being developed EV adhesives and coatings. April- Dan Jones reports Lighter than Air Research- Tour. Potential Ravago tour for next SPE year. Details to come soon. Larry, Dan and Dave looking into Networking meeting with Job Coaches for the mid to later career technical.

House—Larry Stanek

Larry has transitioned along with Dakota Spencer with Bob Weiler.

Membership—Kevin Malpass

Per Sherri, Member number now at 170. Sherri to resend recent list past 2-3 years list of members that did NOT renew for Task Group review and to decide how to proceed re contact dropped/expired to make calls and find out details plus will ask for in person follow up.

May consider dropping \$10 fee to align with ASPE?

Sherri to determine best way to capture students with Akron SPE.

Make sure to align attendees local for Vinyltec to sign up Akron Section- determine if we received any new members- Vinyltec?

Treasurer—Fred Carter

Treasurer's report updated to end of October submitted to board prior to meeting. Finances in good shape. Making changes to minimum amount- needed in checking.

VINYLTEC 2023 did well for October per Bob Weiler confirmed by Fred Carter.



Board Meeting Minutes – 11/06/2023

Student Chapter—Arsalaan Pathan

Current student Chapter Advisor is Prof Weinan Xu.

Univ of Akron provided for Vinyltec 6 Posters- a company has followed with interest for Positions and Internships Interested in industrial tours- discussing with Bridgestone FRS.

ASPE- BOD asked for added involvement ideas added mentorship and suggestions for added involvement.

Councilor—Sherri Makar Hart

Voting took place for Intl candidates.

Public Interest / Advertising—Tony Dean

Akron Page of SPE Int'l Website updated with latest meeting announcements and newsletters.

Six ads for 2023-2024 year placed so far. No price increase for ads this year.

Tony Dean contact Sandra Pejic of Thermo Fisher Scientific, who was at the Poster Session on April 10 about advertising with the Akron SPE and Sponsoring/Exhibiting. Tony will try again.

New advertiser for this year Molded Marketing.

Tony continues to make sure Intl ASPE site is up-to-date.

Newsletter—Sherri Makar Hart

Fall newsletter has been sent out.

<u>Website / Social Media—Sherri Makar Hart</u>

Need updates for Social media- Linked In and FB.

Education Committee—John Fellenstein

Need to inform John of any new scholarship potential.

Joe informs he made a key Goodyear contact he will align for future contact on all STEM and student oriented events. Possibility of more scholarships to qualified students.

Education Foundation—Joe Mattingly

Joe reports that he has handled all the Taxes due entrance fee for Fdn along with Ohio -filing this week. Good balance currently with gains.

Joe has proposed we use recent monies to fund the Bob Wegelin Scholarship- and can align transfers of money. Discussion and vote- passed.

Awards—Keith Pelfrey

Keith asked BOD to please review options for this year Hall of Honor, Lifetime and added Awards plus Zekan. David Schultz to check on membership for a specific candidate for potential Lifetime award.

Growth Committee—Kevin Malpass

BOD discussed we need to align added Co-Chair to Committee to align ideas for growth.

2023 VINYLTEC—David Schultz

Vinyltec conference went very well with great sponsors and exhibitors.



Board Meeting Minutes – 11/06/2023

ACESS Update—David Schultz

ACESS will be able to provide ASPE House with daily updates. New contacts Larry Stanek and Dakota Spencer. PayPal available for events have added Dietary restrictions plus Company encourage to sign up and pay prior to meetings.

<u>Old Business</u>

Joe reviewed location of ASPE Equipment and John Fellenstein informed he has purchased new screen- modern format.

Laptop- Dan Jones holding currently to possibly provide to new Treasurer. Projector- new- Keith Pelfrey, old Joe. Screen – old U of Akron. John will remain at AGPA- til June 30.

New Business

Sherri Makar Hart inquired about funding for robotics program. Joe Mattingly says there has to be plastics or polymer content. Sherri to investigate further.

Joe informs he made new contacts at Goodyear and will align with ASPE/ACESS for STEM events and Scholarships. GAC- Greater Akron Chamber reports that they received a Tech Hub grant and includes Cleve centric plastics process training need company support.

Meeting Adjourned. Next meeting will take place January 8, 2024. Dan Jones/John will advise parking details.





Akron Section Past Presidents

63 years of excellence

1959-1960	Donald F. Siddall	1991-1992	Spencer Kreiser
1960-1961	Milan Krajcik	1992-1993	Robert C. Wegelin
1961-1962	Foster J. Young	1993-1994	Anthony F. Dean, Jr.
1962-1963	Dickson L. Stoker, III	1994-1995	Wayne Decamp
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	2007-2008	-
1977-1978	David Curtis		Joseph Mattingly, Jr.
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
1990-1991	Geraldine R. Stromquist	2021-2022	Joseph Mattingly, Jr.
		2022-2023	Joseph Mattingly, Jr.



Akron Section Board of Directors

Dan Jones 330-338-8029 T daniel.h.jones@sbcglobal.net President/Chair. Director

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

Past President. Director

Open

President/Chair-elect,

David Schultz Rubber World Magazine 330-283-5721 schultzdave54@gmail.com

Secretary, **Education Foundation TOPCON 2024**

Fred Carter Treasurer, Schooley Mitchell 330-708-2944 Fred.carter@schooleymitchell.com

Larry Stanek ENPAC LLC 440-975-0070 ext 313 T 440-975-0047 F lstanek@enpac.com

Prior Past President, Awards, Technical Program, House, Director

Dakota Spencer ENPAC LLC 607-331-3962 T dspencer@enpac.com

House, Director

Director

Weinan Xu Director. Professor, U Akron Polymer Eng Student 240-302-8321 T Chapter Advisor weinanxu@uakron.edu

Arsalaan Pathan Student - U Akron Polymer Eng 234-817-5724 T ap331@uakron.edu

Director, Student Chapter SPE Liaison **Tony Dean** Retired 330-929-9916 T francis@neo.rr.com

John Fellenstein U Akron Polymer Engineering 330-972-6334 T 330-972-2624 F jfellenstein@uakron.edu

Sherri Makar Hart Case Analytical Laboratories 330-634-3452 T contact@caseanalytical.com

Kevin Malpass 330-398-9411 T kevin.malpass@gmail.com

Sahil Gupta Parker Hannifin Corp. 330-296-1421 T 330-296-8433 F sahil.gupta@parker.com

Vivian Malpass Tek-Mark International 330-342-1120 T vivian.malpass@tek-mark.com

Critt Ohlemacher Smithers 330-409-3618 critt.ohlemacher@gmail.com

Keith Pelfrey Retired 216-315-0966 T kpelfrey@neo.rr.com

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

Robert Weiler Retired 330-283-9024 rgweiler@zoominternet.net

Advertising/Public Interest

Director. Education

Director,

Director, Newsletter, Councilor

Director, Membership, Growth

Director

Director

Director

Director

Director

Director



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.

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.

Email artwork and this Insertion Order (completed) as an attachment to <u>francis@neo.rr.com</u>

If you don't include your email address, we have no way of sending you each issue!

Select	Ad Size	Dimensions	Price for year	Credit Card Payment Link
	Business Card	One column by 2" high	\$100	Click here
	Double, quarter page	One column, up to 4" high	\$150	Click here
	Half Page, Vertical or horizontal	One column, 10" high or 7.5" wide by up to 4" high	\$250	Click here
	Full Page	7.5" wide by 10" high	\$350	Click here

The cost on a per issue basis will be calculated by dividing the "Year" price by 10

	Billing Information:	
Company:		
Contact:		
Address:		

Phone #: Fax #:	
Email address:	

<u>To Pay By Check</u> **Mail checks, payable to AKRON SECTION SPE, to:** Akron Section SPE c/o Robert Weiler 4792 Timber Creek Drive Medina, OH 44256