### 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 ~

**November 21, 2022** 

# Galaxy Restaurant and Banquet Center 201 Park Center Drive Wadsworth, OH 44281

#### Dan Gisser from Ohio Aerospace Institute (OAI) Small Business Innovation Research (SBIR) grants

See page 2 for speaker biography and presentation abstract.



November 9-10, 2022 CLEVELAND, OHIO, USA

Bringing the plastics compounding, extrusion, recycling and testing industries together

## SPE

#### **Meeting Information – Nov. 21**

Member and/or guest\$30Retired\$25Student\$10

Social / Networking / Bar 5:30 p.m.
Dinner 6:00 p.m.
Program Following dinner

Reservations must be in by noon on Fri., Nov. 18 and can be made to Bob Weiler at 330-283-9024 or akronspe1@gmail.com
Be sure to include your company affiliation and dietary restrictions.

#### **Newsletter Contents**

Meeting reservations	1
Meeting information and map	2
Speaker biography	2
President's Message	3
SPE National links of interest	3
Join the Board	3
Advertiser index	4
TOPCON sponsors	4
TOPCON sponsor	
Gold – Kuraray America	5
Job postings	6
Membership report	6
Programs for season	7
SPE Communities - The Chain	8
Board meeting minutes	10
Akron SPE Past Presidents	14
Akron Section Board Members	15
SPE Education Foundation	16
Advertising order form	17

### Growth opportunities for innovative small businesses through federal research grants from the Department of Defense

The Department of Defense and ten other federal agencies provide grants to support innovative research and technology development at small companies. The primary funding mechanism is <u>Small Business Innovation Research (SBIR)</u> grants. Ohio companies receive 220+ of these awards each year, for a total of \$100M+ in non-dilutive funding. Half of these are from the <u>DoD</u>. They are designed to prepare the companies and the <u>DoD</u> to become long term supplier-customer partners based on the technologies developed. Ohio Aerospace Institute provides free services to companies as they learn about, apply for, and participate in these programs. This discussion will introduce the SBIR program, with a special emphasis on current research grant opportunities with the <u>DoD</u>. We will also introduce other tax-supported efforts to help Ohio manufacturers grow their defense-related business.



Funded in part through a Cooperative Agreement with the U.S. Small Business Administration.



Daniel J. Gisser, MBA, PhD

danielgisser@oai.org

www.oai.org

www.linkedin.com/in/danieljgisser/
216.502.1940



Daniel J. Gisser (Dan) is an advisor, mentor, teacher, and coach to leaders of innovative small businesses, especially technology & science-based companies. At Ohio Aerospace Institute, Dan helps small companies learn about, apply for, and manage federal research grants, especially SBIR/STTR awards. He also helps small and mid-sized companies become better suppliers to our federal government, and facilitates collaborations between these companies and federal laboratories, universities, and larger corporations. This work spans all technology fields. Dan also owns a small consulting firm. Before that he worked for 20 years in various marketing, technology management, and entrepreneurial roles at Eaton Corporation and Eastman Kodak. Dan has an MBA from the University of Rochester, PhD in Polymer Science from the University of Wisconsin-Madison, and BA from Dartmouth College. He has been active in the Cleveland and Akron Sections of SPE since 2016.





### President's Message

Hello fellow SPE enthusiasts,

The Akron Section of the Society of Plastics Engineers has completed the 2022 TPE Topcon, and now we're looking forward to being at the AMI's Plastics World Expo on November 9-10 at the Huntington Convention Center in Cleveland, Ohio in conjunction with the Cleveland section. You can register for a free ticket online!



Please see our meeting schedule in the newsletter.

I'm hoping to see more of our members at our meeting throughout the year. It's been a very busy October and the weather is changing quickly, so it's time to plan ahead, and plan ahead to be at some joint meetings with the Cleveland section and with the ACESS group.

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

Join SPE

**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!



#### **Advertiser Index** Akrochem 4 **David Industrial Sales** 8 **Dover Chemical** 6 Harwick Standard 13 7 Hilton Inn Kuraray – TopCon Gold Sponsor 5 **Performance Additives** 9 **TSRC** Picture your ad here .....

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



Thank you to these TPE TOPCON Sponsors

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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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### **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		We are always
May	165	welcoming
Jun		new members –
Jul	159	invite
Aug		someone to a
Sep		meeting!
Oct		_
Nov		
Dec		



### **Programs for 2022/23**

Sep. 15<sup>th</sup> TopCon

20-22 -- 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. 9-10 Compounding Conference

-- Huntington Center - Cleveland \*

Nov. 21 DODE, Dan Gisser

-- Akron \*

Dec. -- TBD

-- Akron \*

Jan. TBD ACESS -

-- Akron \*

Jan. TBD NEO Team

-- Virtual -- Cleveland \*

Feb. 24 Sustainability, Madison Group

-- Virtual - Cleveland \*

Mar. -- TBD

-- Akron \*

Apr. -- **TBD** 

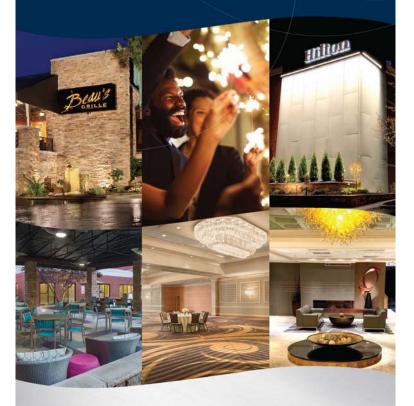
-- Cleveland \*

May - Akron Section Awards Night

-- Akron \*

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

# LOOKING FORWARD TO WELCOMING YOU BACK SOON!



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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"

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







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### **Board Meeting Minutes – October 3, 2022**

Call to Order: In person at PEAC-Univ of Akron. Meeting called to order at 5:30PM.

Present: Joe Mattingly, David Schultz, Larry Stanek, Dan Jones, John Fellenstein, Robert Weiler, RJ Viereckl and

Stephen Riley

Teams: Sherri Makar Hart, Bob Wegelin and Keith Pelfrey

Absent: Nicole Fraifogl, Tony Dean, Sahil Gupta, Anna Akkus, Kevin Malpass and Critt Olemacher

New BOD are welcome as we move forward.

Crit Ohlemacher- Smithers has joined the BOD- Thank you for help support and IDEAS!!

RJ Viereckl has replaced Stephen Riley as Student Liasion- Thank you for all you did in two plus years to help ASPE- Stephen!!

Kathy Perevosnik has moved to Columbus and changed jobs and resigned from ASPE- Good luck as you move forward.

#### **Minutes from Previous Meeting**

Minutes from August were reviewed and approved. Thank you Stephen for handling Minutes in my absence. Need-VP/ Program Chair, Treasurer and House for upcoming year for ASPE.

#### Technical Program 2022/23—Larry Stanek / David Schultz / Sherri Hart

Thanks All for your help and participation 2022, as we turned the corner in a transition year! A SPECIAL Thanks goes to Susan Montgomery- Cleveland Section as they continue to aid in the Program greatly!! Cleve-Oct 13- Sustainability Conf.

Nov 9-10 planned Compounding Conf with Cleve- joint- PlastiVan literature avail to help promote- need help from ASPE BOD/members- David Schultz, Dan Jones, Joe Mattingly to help others??

Nov 21- Dan Gisser- Small Business Innovation Grants- Galaxy- 530 PM

Dec ASPE with Cleve Low key gathering early Dec- location ideas to be reviewed potentially Burntwood Tavern/ fka Spanish Tavern

Cleve informs plans to align Programs for this next year to have a couple of Virtual meetings Jan and Feb and an in person event and volunteered ASPE to help with location for March.

Akron- plans for ACESS joint meeting- new Speaker being developed by local ACS- Akron

Cleve-Jan- TEAM NEO- Virtual- date TBD

Cleve -Feb- International Recycling from Erie PA- potential in person- date TBD

Cleve- March- M. Holland- Cleve or Madison Grp- on design from Wisc. -date TBD

Akron-April potential poster oriented meeting led by Student Chapter/PESO-date TBD

May- Awards Night- Raintree planned May 15 or 22

Need ideas for next year 2023-4 for Akron- Program suggestions for Committee -David Schultz, Larry Stanek and Sherri Hart as Susan Montgomery reports she has plans to be Program Chair again.

We discussed a host of new ideas for meetings including tours-again

**IDEAS** 

Polymer Cluster- update
Goodyear Tour- Tech Center- Joe Mattingly
Eaton- Plant tours- Aerospace/E-Vehicles- Kevin Malpass
Biomimicry- Pat II- U of Akron
Fossil Fuel
Economy, Supply Chain and Logistics
Sustainability
Diversity and Equity
Autonomous Vehicles
Lithium/Polymer batteries



### **Board Meeting Minutes – 10/3 continued**

#### House—Bob Weiler

Bob has informed he would handle location alignment and negotiations but requested help handling transactions. Bob informs he is set with Nov meeting Galaxy and will address Dec and possibly March- with Cleve if needed plus April meeting locations.

#### Membership—Kevin Malpass

Active members: currently September steady.

Lapsed members that need to renew:

Kevin thanks ASPE BOD for ideas that will help Akron Section prosper. Kevin has developed a list and will provide action items to grow membership. In addition need to make contact with local companies. BOD has re-engaged with new members and ideas are flowing for changes and modifications.

#### Treasurer—Bob Weiler

Bob submitted report informs that we are in good standing.

Bob reports he has opened a new Square account so we can take credit card payments at our Section meetings (linked to akronspe1@gmail.com). We are now discussing logistics with ACESS- new website and determine capabilities - Joe Mattingly and Bob Weiler.

Need to review Budget for 2023 and align new income potential Sponsors for Meeting and attendance at Awards for future.

Bob informs he will handle Treasurer through the year 2022.

#### Technology Updates—Kathy Perevosnik - prior to leaving

Kathy created akronspeboard@gmail.com and password on the laptop (for Microsoft 365 and the laptop itself). Working with team to create inventory of Board-owned property and current location.

Plan to check with Tony Dean-link with Square re Sponsors-Kathy.

#### **Councilor—Dan Jones**

Informed there currently is no planned updates on Council Meeting.

Takeaways-review general Award system and recognition in SPE. What it means to have personal and what motivates people the most?

Past key takeaways include profitable year SPE- Intl-virtual events and investments, Plastics Engineering now handled in house, plan to provide Emeritus status for membership for Fellows and Honored Service Members.

#### Student Chapter—Stephen Riley / RJ Vieredel

We informed we as well would like to have other PESO members attend our BOD and we possibly their meetings. We would like to know what support ASPE could provide so we may align in budget plus planned activities. RJ has informed he is planning to align a Member drive and request funds for donuts and coffee- Vote taken and passed funds. Student Chapter plans to have a Winter Banquet. We as well need update re student to attend ANTEC 2023. We anticipate a possibly student led meeting for April 2023.

#### Public Interest / Advertising—Tony Dean

We reviewed current cost structure in place determined need to review for SPE year 2023.

We now have 7 paid advertisers.

Membership Booth format under discussion- difficult to keep timely. We are in process of prepping a large pull display- easier to handle and store. Larger Pull up banner – need to develop- Sherri Tony has developed protocol on passing of ASPE members.



### **Board Meeting Minutes – 10/3 continued**

#### Newsletter—Sherri Makar Hart

Sherri requests for Jenny any news items as well as meeting information.- next year Jenny, Kathy and Sherri are all helping to promote events as well- Linked IN.

#### Website / Social Media—Nicole Fraifogl

No report.

#### National Awards—Keith Pelfrey

We should try to determine if we have others in ASPE for Honored Service Member- for near future

#### Section Awards—Keith Pelfrey

Need to develop list of new Lifetime Service Members as well as Hall of Honor and Zekan for this next year. We have a developed a list for Lifetime Service Members to include- Lloyd Goettler, Tony Dean and Jerry Whitnable-various ASPE BOD members will provide support data for each Bob Wegelin, and David Schultz .LIFETIME SERVICE AWARD determined basic criteria to distinguish from Zekan Award. Zekan less than 10 years and very active years and Lifetime noted as approximately 20 years plus dedication.

David Schultz to contact Lloyd Goettler and Jerry Whitnable

Need to update Power Point with new Lifetime Service Members- Bob Wegelin.

#### **Education Committee—John Fellenstein**

John reports all has been handled for scholarships and that he is now in process of aligning up-coming Science Fair and Olympiad. John will prepare listing on help and funds for ASPE as in the past Awards and support plus any added help.

March 11- Univ of Akron- Science Olympiad

March 18- Western Reserve Science Fair

No word to date APS -Science Fair

#### **Education Foundation—David Schultz/Joe Mattingly**

Joe reported after recent review the funds have reduced due to market fluctuations. The modifications we recently made along with added diversification have been a tremendous help.

#### **Growth Committee—Kevin Malpass**

No report.

#### **2022 TPE TOPCON—David Schultz**

Akron hosted a successful TPE TOPCON for September 20-22, 2022 at Hilton thanks to all the help of our Committee plus ASPE BOD- extra Task Force and John Fellenstein- PlastiVan and Students for Poster session!! A special Thanks to Professor Weinan Xu- Student Chapter Advisor.

It was determined that since we – ASPE section are handling these types of Conference on a regular basis we need to get added members and diversified support. D Schultz Plan to develop list of roles and advertise for added support-Newsletter.

#### 2023 VINYLTEC—Bob Weiler

Vinyltec is set for October 10-12 at Hilton Hotel.

I will need help on the Committee to aid in helping the Vinyl Division.

I plan re-group with Committee for starting work in December or early January.



### **Board Meeting Minutes – 10/3 continued**

#### **ACESS Update**

Website is completed - we are inputting Programs for societies.

ACESS planning to align Paypal so that societies can utilize the site as well draw a wide variety of possible new attendees.

#### **Old Business**

Need to search for and develop new Board Members.

#### New Business

We decided we should align Documentation of files in Polymer Science Building- Tony Dean and John Fellenstein to review files.

Discussed detail on Regional alignment with Intl SPE- Bob Weiler will develop a Matrix for review.

Meeting Adjourned at 6:45 PM. Next BOD meeting November 7, 2022 at PEAC and Virtual -Teams hosted by Joe.



### **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
spe		ı	

### **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

\*\*Schultzdavo54@gmail.com\*\*

schultzdave54@gmail.com

Robert Weiler Treasurer, House, Retired Director

330-283-9024

rgweiler@zoominternet.net

Dan Jones Councilor

330-338-8029 T

daniel.h.jones@sbcglobal.net

Larry Stanek Past President,

ENPAC LLC Awards, Technical
440-975-0070 ext 313 T Program, Director

440-975-0047 F Istanek@enpac.com

Nicole Fraifogl Prior Past President/
Viscus Biologics LLC Director,
216-744-2740 ext 707 T Website/Social Media

nicole.fraifogl@viscusbiologics.com

Weinan Xu Director, Professor, U Akron Polymer Eng Student 240-302-8321 T Chapter Advisor

weinanxu@uakron.edu

Stephen Riley Director,

Student - U Akron Polymer Eng Student Chapter

216-956-2582 T SPE Liaison

srr57@uakron.edu

RJ Viereckl Director,

Student - U Akron Polymer Eng Student Chapter
630-687-0958 T SPE Liaison

rjv28@uakron.edu

Tony Dean Director, Retired Advertising/Public Interest 330-929-9916 T

francis@neo.rr.com

John Fellenstein Director, *U Akron Polymer Engineering* Education

330-972-6334 T 330-972-2624 F

jfellenstein@uakron.edu

Sherri Makar Hart Director,

Case Analytical Laboratories Newsletter

330-634-3452 T

contact@caseanalytical.com

Kevin Malpass Director, 330-398-9411 T Membership, Growth

kevin.malpass@gmail.com

Sahil Gupta Director

Parker Hannifin Corp. 330-296-1421 T 330-296-8433 F

sahil.gupta@parker.com

Vivian Malpass Director

Tek-Mark International 330-342-1120 T

vivian.malpass@tek-mark.com

Critt Ohlemacher Director

**Smithers** 

critt.ohlemacher@gmail.com

Keith Pelfrey Director

Retired

216-315-0966 T kpelfrey@neo.rr.com

Bob Wegelin Director

Retired

330-414-1498 T

robert.wegelin@att.net



#### **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	
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[ ] \$6,250/yr. next 8 yrs.	
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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 2022-23**

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

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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