

Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 59th Year of Education and Service to the Plastics Industry

~ Next Session ~

Monday, May 21, 2018
5:30 p.m.

Firestone Country Club
452 East Warner Road
Akron, Ohio 44319

Please join us for the last meeting of the season as we present various awards and scholarships, and enjoy a presentation by Dr. Eric J. Amis



Meeting Information

Member and/or guest	\$30
Retired	\$25
Student	\$10
New Member - first meeting	Free

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

Reservations must be in by noon on Friday, May 18 and can be made to Gary Taylor at 330-419-4380 or akronspe1@gmail.com

Please be sure to include the company affiliation of each attendee including dietary restrictions.

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Speaker Biography

Dr. Eric J. Amis

Department of Polymer Science, The University of Akron

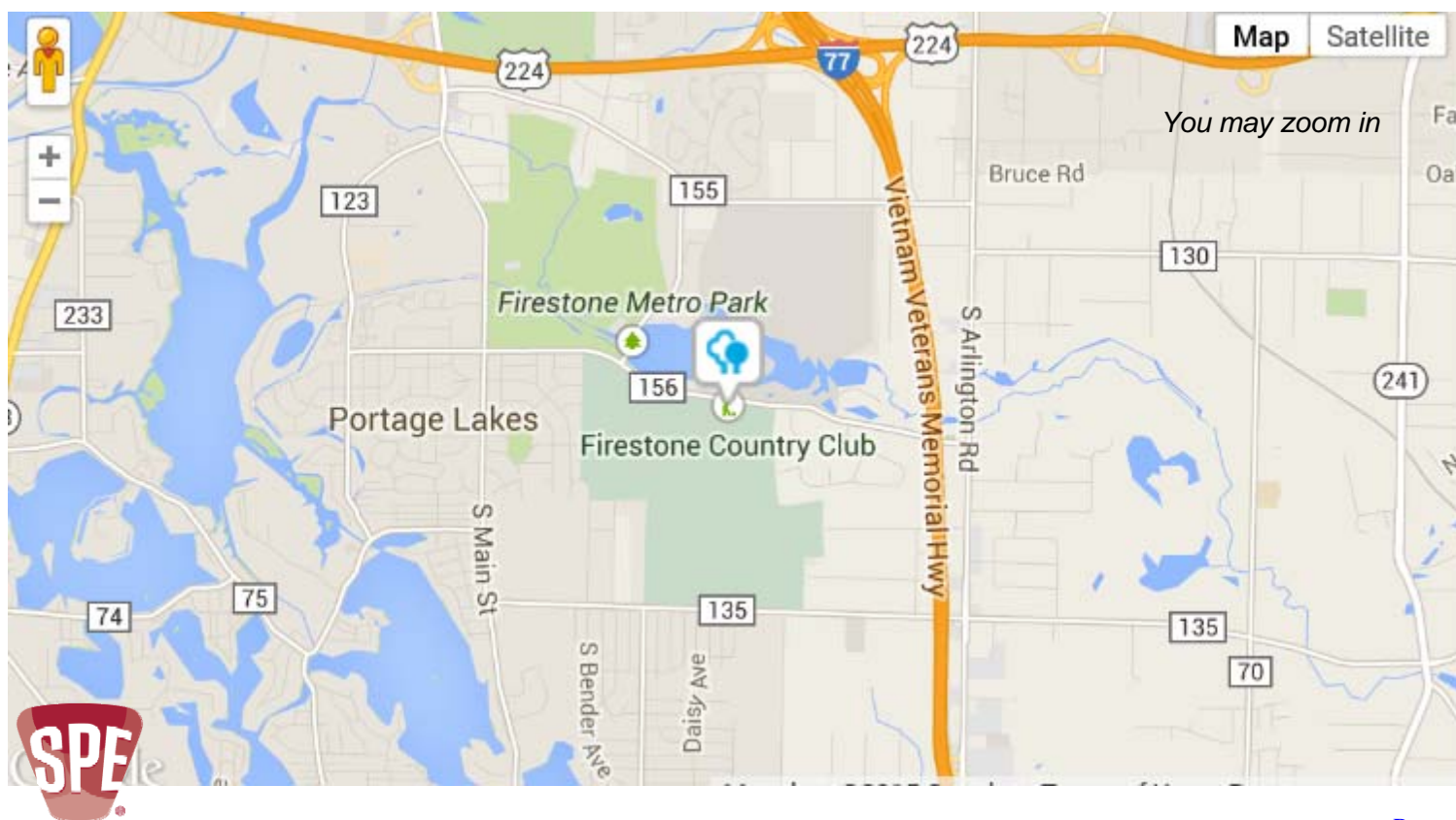
Eric J. Amis is Dean of the College of Polymer Science and Polymer Engineering, and Professor of Polymer Science. Concurrent with his role as dean, Dr. Amis also served as Vice Provost for Research for 18 months and Interim Dean of the College of Engineering for five months. He has a special interest in research engagement with industry.



Dr. Amis came to UA in 2014 from United Technologies Research Center, where he was Director of Physical Sciences since 2009. He led a team of 140 scientists and engineers responsible for research and development in advanced manufacturing, materials and chemical sciences, structural integrity, applied physics, and measurement science. In addition, he was responsible for developing external partnerships aligned with UTC strategies in advanced manufacturing.

Prior to UTRC, Amis spent 15 years in leadership roles at the National Institute of Standards and Technology (NIST) for the Materials Science and Engineering Laboratory, including 10 years in the Polymers Division. Before NIST, he was on the faculty in chemistry at the University of Southern California for 11 years. His Ph.D. in chemistry is from the University of Wisconsin-Madison and B.S. from Willamette University.

Dr. Amis is a member of the Connecticut Academy of Science and Engineering and a Fellow of the American Chemical Society, the Materials Research Society, the American Physical Society, and the Polymeric Materials Science and Engineering Division of the American Chemical Society. He has served as chair of the Division of Polymer Physics of the APS and of the Polymer Chemistry Division of the ACS, and he was Editor-in-Chief of the Journal of Polymer Science: Physics for 11 years. His research interests are combinatorial and high-throughput methods for functional polymers or biomaterials, direct write and additive manufacturing, nanomaterial characterization, gels and networks, polyelectrolytes, and soft matter physics. He has 150 peer-reviewed publications and 58 H-index.



Advertiser Index

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Dover Chemical	12
Harwick Standard	14
Jordi Labs	4
Polysort	15
Struktol	12

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Akron Section Past Presidents

*59 years of
excellence*

1959-1960	Donald F. Siddall
1960-1961	Milan Krajcik
1961-1962	Foster J. Young
1962-1963	Dickson L. Stoker, III
1963-1964	Edward L. Hillier
1964-1965	John R. Russell
1965-1966	John R. Russell
1966-1967	Clyde H. Jones
1967-1968	Alan Corry, Jr.
1968-1969	Bernard M. Saffian
1969-1970	Harold R. Schick
1970-1971	Robert G. Hills
1971-1972	John J. Satterfield
1972-1973	Alexis M. Gross
1973-1974	Francis J. Maurer
1974-1975	Leverett A. Anderson, Jr.
1975-1976	Robert M. Hershey
1976-1977	Richard L. Fleshman
1977-1978	David Curtis
1978-1979	John A. Zelek, Jr.
1979-1980	Gerald W. Whitnoble
1980-1981	Kathleen N. Bechter
1981-1982	Victor E. Giuffrida
1982-1983	James Steiner
1983-1984	Robert G. Hills
1984-1985	Anthony F. Dean, Jr.
1985-1986	Gene Buser
1986-1987	Harry J. Barth
1987-1988	Judith A. Fallon

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2016-2017
2017-2018

William E. Tosko
Robert C. Wegelin
Geraldine R. Stromquist
Spencer Kreiser
Robert C. Wegelin
Anthony F. Dean, Jr.
Wayne Decamp
Melanie Stewart
Kevin Hershfield
David Schultz
John Raab
Gary Taylor
Kevin Malpass
Kenneth L. Sharp
Joseph E. Pfeiffer
Robert C. Wegelin
Joseph Mattingly
Lloyd A. Goettler
John Woodside
Vivian Malpass
Joseph Mattingly
David A. Katz
Lloyd A. Goettler
David Schultz
Kevin Malpass
Dan Jones
Vivian Malpass
Keith Pelfrey
Robert Weiler
Tom McQuaide



Membership Report - 2018

The Akron Section currently has 274 active members.

Month	Active	New + Renewal	Expired + Dropped
Jan	263	3 + 0	1
Feb	267	5 + 0	2
Mar	274	7 + 0	3

Say hello to new members

January:

Dr. Elvis Cudjoe, PolyOne Corp.
Bill Davis, Rochling Glastic Composites
Danielle Grolman, U of Akron Dept of PE
Dr. Melanie Longanecker, A. Schulman
Adam Miller, Shawnee State University
Cory Phillips, Trelleborg Sealing Profiles U.S.
Dr. Ying Shi, A. Schulman

February:

Tamara Jaeger, University of Akron
Dr. Matthew Luebbers, Lubrizol Adv. Materials
Trisha McNutt, Dover Chemical Corp.
Pete Williams, Plastics Selection Group
Dan Zhang, The Ohio State University

March:

John Dick, John S Dick LLC
Christopher Soulsby, Paarlo Plastics
Jay Xu, Valtris Specialty Chemicals

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Akron Section Wins Awards

The Akron Section SPE has again earned the Pinnacle Gold Award (highest level of award) from SPE Int'l for 2018. The SPE Pinnacle Award recognizes Sections and Divisions that work to create and deliver member value in four categories of achievement organization, technical programming, membership and communication.

- Organization – Maintaining compliance with Section/Division organizational guidelines and policies.
- Technical Programming – Providing quality technical programming to members.
- Membership – Developing and implementing plans that result in annual membership growth.
- Communication – Communicating effectively with members about SPE offerings and events to foster a sense of community and allow members to respond.

The award will be presented to the section at the ANTEC in May.

In addition, the Akron Section has again been recognized as a Communications Leader in the 2018 SPE Communications Excellence Award. This is the most prestigious level of the award. It recognizes a full range of achievements in communication excellence. The purpose of the award is to recognize Sections, Divisions and Special Interest Groups (SIGs) that carry out highly effective communications with their groups and, optionally, with other parts of the Society during the course of the SPE year. It is intended to recognize all types and forms of communications as opposed to being focused on one medium or method of communication and information delivery. It is not a competitive award. Rather, it is based on meeting or exceeding certain performance standards and accomplishment thresholds.

Like the Pinnacle Award, it will be presented to the section at the ANTEC in May.



Councilor's Report



SOCIETY OF PLASTICS ENGINEERS

6 BERKSHIRE BLVD., SUITE 306, BETHEL, CT 06801-1065 USA
TELEPHONE: +1 203-775-0471 FAX: +1 203-775-8490 WWW.4SPE.ORG

SPE Council Meeting Friday, March 9, 2018 Remote Teleconference

Council Summary

The March Council meeting provided the forum for the “Meet the Candidates” portion of SPE Executive Board elections. The following candidates were presented to Council:

VP Divisions:	Jason Lyons & Scott Steele
VP Sections:	Monika Verheij & Scott Eastman
VP Technology & Education:	Raj Krishnaswamy & Ray Pearson
President-Elect:	Brian Landes

The candidates were offered time to present themselves to a live audience. Questions were prepared in advance and posed to the candidates from various councilors. Extended discussions continued on The Chain. The elections are scheduled for March 19 and 26.

Financial Report

The Finance Committee is scheduled to present the 2018 budget to the EB during the week of 3/14. New expense items include IT upgrades, staff hires and branding improvements. New revenue items include membership dues, non-dues revenues from a new Multiview newsletter campaign, and corporate sponsorships. Chief Staff Executive Farrey continues to focus on cost control while issuing conservative forward-looking guidance, including in the area of investment returns. Farrey added that SPE is now using a new accounting format and associated software.

Strategic Commentary

CSE Farrey provided commentary on three distinct areas: ANTEC, Technology, and Staffing. 2018 is a challenging year for ANTEC given unique circumstances associated with co-locating with PLASTICS at NPE. Due to space constraints, SPE cannot accommodate all papers. A discount for ANTEC will be offered to chapter board members via early registration. The Plastics Race (TPR) will not be held due to co-location challenges.

An exciting new technology platform for all SPE will be launched officially at ANTEC. The new platform will completely overhaul the membership experience and provide an opportunity to upgrade the SPE logo and brand. A phased approach will allow affiliate groups the chance to adopt the new look & feel for their own websites with full support from HQ.

Several new hires and promotions at SPE (including the Foundation) will result in better alignment between resources and organizational needs.

Executive Board reports

In keeping with the 3-Year Operating Plan that created the functional roles for EB Vice Presidents, several board members provided insight into their discrete areas of focus. The Sections Committee successfully reinstated the Ohio Valley Section (formerly Miami Valley). The VP of Divisions, Jason Lyons, completed a Best Practices document for all volunteer leaders to share. Lyons, in conjunction with the VP of Marketing & Communications, will continue to host Town Hall-type discussions to solicit feedback from members



Councilor's Report cont.

and councilors. In Technology & Education, VP Brian Landes announced a new partnership with Virginia Tech on Additive Manufacturing coursework. VT will provide course content, instructors and facilities; SPE will provide event promotion and planning, marketing and technical content review. With ANTEC on the horizon, VP of Events, Jaime Gomez, reported that the financial model for the new ANTEC experience will be presented to the EB at the next board meeting, March 14-15. Gomez recommends a Town Hall-type review to present and discuss the new proposals.

The official SPE meeting minutes are posted to The Chain in Leadership Lane. The next EB/FC in-person meeting will be with Council on May 6 in Orlando, FL.

Respectfully submitted,



Conor P. Carlin
VP Marketing & Communications



With a history of successful conferences behind them, SPE'S Akron Section and the TPE Special Interest Group host the 13th Thermoplastic Elastomers Conference at the Hilton Hotel in Akron, OH, September 18-20.

FEATURING

- **Half-day Primer** on TPE Basics, September 18, prequel to the main conference
- **Presentations:** Bio-renewable Materials, Wearable Technology and, of course, Materials, Modifications and Development. Processing and Scale-up will also be addressed.
- **2 Keynote Speakers:** Quizar Hassonjee (President, Hass Tech Associates) shares information about Smart Textiles and Christine Hockman, (Co-Director, Great Lakes Biomimicry) addresses the subject of Biomimicry
- **Exhibitor booths** and two evening **networking socials**

To see Primer and Conference programs and to register, go to www.4spe.org/tpe18

SPONSOR / EXHIBITOR OPPORTUNITIES

WThe TPE Conference 2018 brings companies and individuals together for the benefit of all. ***Become a sponsor or exhibitor today! Sponsors & Exhibitors must register by August 15, 2018.***

QUESTIONS?

Conference: William Blasius - +1 774-545-0990 or Vivian Malpass - +1 330-342-1120

Sponsor/Exhibitor: Kevin Malpass - +1 330-398-9411



April Highlights



April Highlights



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Thermoplastic Elastomers 13th Topical Conference™



TOPCON 2018
September 18 - 20, 2018

Advance Program and Registration



Expanding Markets, Materials & Applications

**Presented by the
Society of Plastics Engineers,
Thermoplastic Elastomers SIG
and The Akron Section SPE
at the Hilton Akron-Fairlawn
3180 West Market Street
Akron, Ohio 44333**

Co-Chairs:

William Blasius (S.I.G.)
wgblasius@gmail.com 774-545-0990
Viv Malpass (Akron Section)
vivian.malpass@tek-mark.com 330-342-1120

Registration and Fee Information

Separate registration is required for pre-conference TPE Primer and TOPCON Conference. Please register on line at www.4SPE.org/tpe18 by September 10, 2018. If not feasible, please submit this form with all exhibitor and sponsor representatives identified (next column).

Personal Registration: Submit this form or copy for EACH person registering. Mailed advance registration must include full payment and be postmarked by September 10, 2018. Circle status and cost.

Status	Advance	On-Site
TPE Primer	\$75.00	\$85.00
Conference		
Member	\$400.00	\$450.00
Nonmember	450.00	500.00
Joining Member *	535.00	585.00
Student or Emeritus	65.00	65.00
Press	No Charge	

** Includes first year SPE dues worth \$135*

- ☐ Please charge my credit card (right)
☐ My check is included for \$ _____

Display Table or Sponsorship Reservations:

These MUST include full payment and be postmarked or received online by August 15, 2018. Identify EACH representative in the format shown here, using copies of this form or equivalent. Sponsors are appreciated and will be well recognized. For information about advertising and promotion we can provide, contact Kevin Malpass.
kevin.malpass@gmail.com or 330-398-9411

Gold Sponsor - 2 available (with free exhibit table, 3 free full conference registrations)	\$3,000
Premier Sponsor - 2 available (with free exhibit table, 2 free full conference registrations)	\$2,600
2 Lunch Sponsors (2 registrants each)	\$2,500
Tuesday Mixer (2 registrants)	\$2,000
Wednesday Reception (2 registrants)	\$2,200
4 Coffee Breaks (1 registrant each)	\$850
Exhibitor Display Table (1 registrant each)	\$1,000
Each additional registrant (maximum 3) Includes one 4x8 draped table with access to electrical outlet	\$200

**See Websites for Updates
akronspe.org or 4SPE.org/tpe18**

Full-fee registrations include admission to all sessions, display exhibit areas, two lunches with keynote speakers and proceedings in USB flash drive format. Registrations are offered to full-time students and emeritus members at deep discounts. Journalists with proper press credentials are invited to visit all areas and functions at no charge.

To encourage nonmembers to join, SPE and the Akron Section offer a combination of TOPCON registration with SPE dues for one full year plus membership application handling fees.

Make checks payable to ‘TPE TOPCON 2018’
Mail checks and forms to:
Society of Plastics Engineers TOPCON 2018
Scott Marko
6 Berkshire Boulevard, Suite 306
Bethel, CT 06801 USA

VISA, MC, AmEx Credit Cards Accepted

Card # (Circle the brand above) Exp.

Signature Security Code (from back)

**Credit Card users may register at 4SPE.org
or fax to 203-775-8490.**
**For more information, contact Scott Marko
at 203-740-5442 or smarko@4spe.org**

Registration Identification

Name as it is to appear on badge

Company

Work Address

City State Zip

Work Phone Work Fax

e-mail

Society of Plastics Engineers
Akron Section
250 S. Forge Street
Akron, OH 44325-0301



The TPE Primer

Schedule

Tuesday, September 18

On-site Registration and Light Lunch 12:00 pm to 1:00 pm

1:00 pm to 4:45 pm

William Blasius, Host

Family Tree of TPEs

Viv Malpass *Tek-Mark Int.*

Polyolefin Elastomers

Jeff Munro *Dow Chemical*

TPVs

Styrenics

Parashar Davé *TSRC Global*

Polyurethanes

Polyesters

Paul Moruzi *DSM*

Polyamides

Jake McDonough *Arkema*

Ionomers

Thomas Kennedy *Chemical Innovative Solutions*

Material Selection Design Cases (3)

William Blasius

Wrap Up

Hotel Reservation & Conference Cancellation

Hotel reservations can be made online via our SPE Registration site, or by contacting the Akron Hilton (phone 800-525-2419, 330-867-5000 / fax 330-867-1648). Special rates of \$155 per night are available until August 31 using password **topcon18**. Refer to the SPE TOPCON if contacting the hotel.

The Hilton is between the Cleveland Hopkins Airport and the Akron-Canton Airport, about a one-half hour drive from each. From Hopkins, exit I71 to OH18; from Cleveland, exit I77 to Ghent Road; from Akron or Akron-Canton Airport, exit onto Miller Road.

SPE can accept cancellation of attendance and exhibitor registration and make a full refund until August 18, after which no refund can be made. The hotel will fully refund a room cancellation received by Sept. 14, after which a one day room fee is forfeited.

TOPCON Schedule

Tuesday, September 18

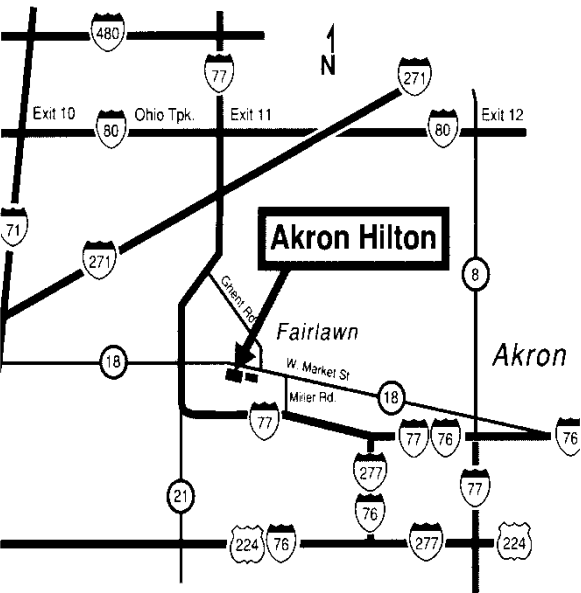
On-site Registration 4:00 pm to 6:00 pm
Set Up Displays 12:00 pm
Displays Open 5:00 pm to 7:00 pm
Welcome Mixer 5:00 pm to 7:00 pm

Wednesday, September 19

Speaker's Meeting 7:30 am to 7:45 am
On-site Registration 7:30 am to 2:00 pm
Welcome Remarks 7:45 am
Displays Open 8:00 am to 7:30 pm
Tech Sessions – am 8:00 am to 12:00 pm
Lunch 12:00 pm to 1:00 pm
Tech Sessions – pm 1:00 pm to 5:00 pm
Reception 5:30 pm to 7:30 pm
SIG Board Meeting 6:30 pm

Thursday, September 20

Speaker's Meeting 7:30 am to 7:45 am
On-site Registration 7:45 am to 12:00 pm
Displays Open 8:00 am to 5:00 pm
Tech Sessions – am 8:00 am to 12:00 pm
Lunch 12:00 pm to 1:00 pm
Tech Sessions – pm 1:00 pm to 5:00 pm
Adjourn TOPCON 5:00 pm



TOPCON Technical Program

Moderators

Jeff Munro, Dow – Automotive
Prakash Sanjeevaiah, Star - Processing
Hoan Tran, Kuraray - Medical

Wednesday, September 19

Marketing Perspective

Paths Forward for TPEs

Robert Eller *Robert Eller Associates LLC*

Enabling Wearable Technology

Boron Nitride Based Thermally Conductive

Elastomers for Thermal Management

Chandrashekar Raman *Momentive*

Soft Touch Thermoplastic Elastomers

You-Hao (Tim) Yang *Polymer Dynamix*

Next Generation Stretchable Materials

Ken Araujo *Namics*

Medical Grade Elastomers

Tecobax™ - A New Class of Non-softening Thermoplastic Polyurethanes for Medical Applications

Walid Qaqish *Lubrizol*

New Hydrogenated Styrenic Block Copolymers for Medical Applications

Bing Yang *Kraton*

Automotive and Transportation

How Low VOC and FOG TPEs Help Achieve

Vehicle Interior Air Quality Requirements

Liang Xu *PolyOne*

Evolution of Process Oils in TPE and

New High MW Clear Oils

Mark Proudfoot *Renkert Oil*

Sarlink Advantages in Sealing System Designs

Darnell Worley *Teknor Apex*

Elastomer Testing Technology

Methods for Impact Testing of Thermoplastic

Elastomers and Elastomers

Sean Teller *Veryst Engineering*

Secondary Processing

A Study of Crosslinking by Electron Beaming of

Polymeric Composition for Welding Cables

Dan Marginean *Electron Beam Technologies*

Now You See It, Now You Don't – The Magic of

Dry Ice Mold Cleaning in TPE Molding

Steve Wilson *Cold Jet*

Keynote Address – Wednesday Lunch

Qaizar Hassonjee, Hass Tech Associates
“Market Back Innovation using Smart Textiles”

Thursday, September 20

Compounding and Primary Processing

Supercritical Fluid Injection into Twin Screw

Extruders- Applications and Tips for TPEs

Charlie Martin *Leistritz*

Fundamentals of Twin-Screw Extrusion

TPE Compounding: Common Pitfalls and

How to Avoid Them

Paul Andersen *Coperion Corp.*

Comparison of the Kneader and the Twin Screw

Extruder in the Compounding of TPV Materials

Kenneth Russell *Optimized Compounds, LLC*

Injection Molding Reinvented

Rick Fitzpatrick *Extrudetofill*

Performance Enhancing Additives

GENIOPLAST® PELLETS – Solutions for

Plastic Compounds

Daniel Calimente *Wacker*

The Benefits of Micronized Rubber Powders as Novel

Fillers for Thermoplastic Elastomer Compounding:

Value Enhancement, Lower Cost and Sustainability

Haikun Xu *Entech*

Substitution of Benzotriazole UV Absorbers in Plastics

James Botkin *Botkin Chemie*

The Use of Pure Monomer Hydrocarbon

Resins to Enhance Adhesion and Flow

Properties in TPE Compounds

Timothy Blayney *Eastman*

TPE Material Developments

SEPTON BIO-series, a Bio Based Hydrogenated

Farnesene Styrenic Copolymers Exhibiting

Excellent Wet Grip Performance

Hoan Tran *Kuraray*

Crosslinked SBC – The Big Opportunities

for North America

Şerif Erdoğan *Elastron*

Waterproof TPU Roof Underlayment

with Nail-sealing Capability

Mark Kujawski *BASF*

High Temperature Thermoplastic

Copolyester for Rubber Replacement

Paul Maruzi *DSM*

Recent TPU Innovations in Extrusion Applications

Nabarun Roy *BASF*

Keynote Address – Thursday Lunch

Christine Hockman, Great Lakes Biomimicry
“Biomimicry”

Technical Assistance

For technical polymer questions please use the SPE International forum “The Chain”



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

SPE National

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Board Meeting Minutes – April 2, 2018

Call to Order: Meeting called to order at 5:30 PM at PEAC University of Akron

Present: Tom McQuaide, Nicole Brostowitz, Sherri Hart, Szu Hao-Jackie, Viv Malpass, Joe Mattingly, Gary Taylor, Bob Wegelin, John Fellenstein, Kevin Malpass, Sahil Gupta, Larry Stanek

Review and approve Minutes of February 5, 2018 BOD meeting.

Presidents Report—Tom McQuaide

No report

Committee Reports:

Technical Program 2017/18—Tom McQuaide

All set for April meeting SPE presentation at the Hilton. May 21st meeting – need to confirm if Dr. Amis will talk.

Technical Program 2018/19—Nicole Brostowitz

Dates and themes are set and communicated with Cleveland. Trying to get Cedar Point engineer for Jan.

House—Gary Taylor/Bob Wegelin

All set for April and May, need to make reservation for June 4th board meeting.

Membership—Sahil Gupta

Membership steady – 270 to 280.

Treasurer—Gary Taylor

Report provided, edit = open check #1982 is for the Western Reserve Science Fair. Got rebate from National.

Councilor—Kevin Malpass

2017 financials were up with a significant journal purchase.

Student Chapter—Tzu Yu Lai and Anisa Cobaj

3 students will present posters at ANTEC.

Public Interest/Website—Tony Dean

Report provided.

Website Improvement/Utilization—Tony Dean / Nicole Brostowitz

Newsletter—Utilization/Advertisers—Tony Dean

Awards—Keith Pelfrey

SPE/Section Award Planning 2017-2018- Keith Pelfrey. Awards ordered.

Education Committee—John Fellenstein

Improvement Actions for 2017-2018 - 8 renewal and 11 new scholarships reviewed.



Board Meeting Minutes – 4/2 continued

Education Foundation—Bob Wegelin

Hovering around \$1/2mil. Looking for a member of Kenneth Sharp's family.

Future TopCons—Vivian Malpass

Finishing up TPE TopCon. Looking for more sponsors. There are several competing events locally. Starting on Vinyl TopCon will be Oct 1-3 2019.

Growth Committee—Kevin Malpass

Kevin Malpass, Keith Pelfrey, Robert Weiler, Sahil Gupta, Sherri Hart – Had meeting and discussed survey.

Old Business:

BOD meeting dates for remainder of year – May 7, June 4 closing meeting at Papa Joe's

New Business:

Support for students attending ANTEC – information received. ACCESS Thur. April 19 P&A meeting.



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Programs for 2017 / 2018

- Sept. 11 **The Vinyl Institute**
PVC Overview and Applications,
Richard Krock
-- *Hilton Fairlawn – Akron **
- Oct. 9 **Lubrizol**
Plastic Resin Development - Plant Tour
-- *Brecksville – Cleveland **
- Nov. 13 **The Madison Group**
Prevent Failures by Understanding why
Plastic Parts Crack
-- *Hilton Inn Twinsburg – Cleveland **
- Dec. 4 **Holiday Celebration**
Madrigal Singers and Speaker
-- *The Galaxy, Wadsworth – Akron**
- Jan. 8 **Baerlocher USA**
-- *Hilton Fairlawn – Joint ACCESS**

- Feb. 12 **Plastics in the Medical Field**
-- *Hilton Fairlawn – Cleveland **
- Mar. 12 **PolymerOhio**
Additive Tooling for Injection Molding
and Vacuum Forming Processes
-- *Hilton Fairlawn – Akron **
- Apr. 9 **SPE Foundation's Educational
Initiatives, with PlastiVan Program**
-- *Hilton Fairlawn – Akron**
- May 21 **Akron Section Awards Night**
Dr. Eric J. Amis
-- *Firestone Country Club – Akron*

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

If prospects can't find your website on Google, will it generate leads?

Polysort -- serving plastics companies for 18 years



- **Search Engine Optimization**
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- **Internet marketing**

Contact us today for a FREE web site audit.

Tel. 330.665.5918 ext. 2104

E-mail John Inama at johni@polysort.com



**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!

**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.**

Board Meeting Dates:

April 30
June 4

Akron Section Board of Directors

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A. Schulman 330-630-3349 F
President/Chair, Tom.McQuaide@aschulman.com
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President/Chair-elect,
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Dave Schultz 330-798-6535 T
Harwick Standard Dist. Corp. 330-798-9328 F
Secretary schultzd@harwickstandard.com

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Retired taylorgandc@gmail.com
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Councilor, Growth kevin.malpass@gmail.com

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Retired kpelfrey@neo.rr.com
Prior Past President, Awards

Juan C. Marin Angel 330-998-9077 T
Student - U Akron Polymer Eng. jcm174@zips.uakron.edu
Director, Student Chapter SPE Liaison

Meeta Trivedi 330-289-4460 T
Student - U Akron Polymer Eng. mt126@zips.uakron.edu
Director, Student Chapter SPE Liaison

Szu-Hao Cho 330-396-1717 T
Student - U Akron Polymer Eng. sc207@zips.uakron.edu
Director, Student Chapter SPE Liaison

Prof. Younjin Min 330-972-5167 T
U Akron Polymer Eng. 330-258-2339 F
Director, Student Chapter Advisor ymin@uakron.edu

Tony Dean 330-929-9916 T
Retired francis@neo.rr.com
Director, Advertising/Public Interest

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Director, Education jfellenstein@uakron.edu

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Vivian Malpass 330-342-1120 T
Tek-Mark International 330-342-1134 F
Director, TopCon 2018 vivian.malpass@tek-mark.com

Larry Stanek 330-388-6102 T
ENPAC LLC lstanek@enpac.com
Director

Bob Wegelin 330-414-1498 T
Retired robert.wegelin@att.net
Director, Education Foundation

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

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

Joe Mattingly 330-208-6913 T
Goodyear Tire & Rubber Co. 330-896-7379 F
Director joe@mattingly.us

Jenny Digiantonio 330-806-6214 T
Retired jenny.akronspe@aol.com
Newsletter



Akron Section Society of Plastics Engineers Educational Foundation



1-18

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 1988, 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 265 young men and women totaling in excess of \$335,000 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 1988, we offered those companies who contributed \$30,000 a 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 Bob Wegelin, 13206 Kaufman Ave. NW Hartville, OH 44632.

Akron SPE Scholarship Donation Commitment

- ☐ \$30,000 lump sum. _____
- ☐ \$10,000/yr. next 3yrs. _____
- ☐ \$5,000/yr. next 6 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, which is scheduled on May 21, 2018.

We look forward to your support of this very worthwhile cause by your fine company. Please contact me at (330) 414-1498 with any questions. Thank you for your consideration.

Sincerely,
Bob Wegelin, Foundation Chair,
Akron Section Society of Plastics Engineers, Educational Foundation



Akron Section Society of Plastics Engineers

Tony Dean, Advertising Manager
330-929-9916

Website, E-Blast & Newsletter Advertising

Insertion Order 2018-19

Polymer Valley News: Akron Section SPE Newsletter
Delivered via email, stored at <http://www.akronspe.org/newsletter.htm>

Please check ad size wanted. One column is 3-7/8" wide.

This is the 59th year of the Akron SPE Section and rates are for entire season, September 2018 – Summer 2019. **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. Oversized ads will be charged an additional fee. 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.

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

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

(please X)	Ad Size	Dimensions	Price for year
	Business Card	One column by 2" high	\$100
	Double	One column, 2 to 4" high	\$150
	Triple	One column, 4 to 6" high	\$200
	Half Page	One column, 10" high	\$250
	Half Page	Page width (7.5"), 5" high	\$250
	Hotlink to company website	N/A	No Charge

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

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Billing Information:

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Name:

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Phone #:

Fax #:

Email address:

Mail checks, payable to AKRON SECTION SPE, to:

Akron Section SPE
c/o Gary Taylor
Akron SPE
715 Thelma Drive
Wadsworth, OH 44281