

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

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Costs, Schedules, Reservations

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

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

Reservations must be in by noon on Friday, May 12 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.

Awards Night

Monday, May 15, 2017
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

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Keynote Speaker

Professor Sadhan C. Jana
Department of Polymer Engineering, The University of Akron

“Changing Landscape in Polymer Research:
Challenges and Opportunities”

See page 2 for
Prof. Jana's biography

Coming Up:

➤ See you in
September

May 2017, Page 1



Speaker Biography

Sadhan C. Jana University of Akron

Professor Sadhan C. Jana is currently professor and chair of the Department of Polymer Engineering at The University of Akron. He received his early education in chemistry with a B.Sc. Honors from R.K. Mission Residential College, Narendrapur and in chemical engineering with a B.Tech. degree from University of Calcutta. He subsequently received M.Tech. and Ph.D. degrees in chemical engineering respectively from IIT Kanpur (1988) and Northwestern University (1993), obtained post-doctoral training in the laboratory of Professor Andreas Acrivos at CUNY, and worked as a senior chemical engineer at General Electric Corporate Research Center for four years before joining the University of Akron in 1998 as an assistant professor. He rose through the academic ranks and became professor in 2007. Professor Jana is the recipient of National Science Foundation Faculty Early CAREER Award, Chemcon Distinguished Speaker Award, Society of Plastics Engineers (SPE) Fred E. Schwab Award for outstanding achievements in education, Honorary Professorship from National University of Colombia, Bogota, and George Stafford Whitby Award for distinguished research and education from the Rubber Division of the American Chemical Society. He is a Fellow and Honored Service Member of SPE, editor-in-chief of Springer Materials: Polymer Section and is an associate editor of Polymer Engineering & Science. In addition, he serves in the editorial boards of a number of peer-reviewed journals. Professor Jana currently leads research programs on novel applications of polymeric aerogels, polymer nanofibers, nanofiber templated synthesis of inorganic oxide photocatalysts, and reduction of hysteresis loss in tire tread compounds.



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Heath Colvin, Midwest Regional Sales Manager

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March Meeting Highlights



Speakers Paul Angus (left) and Brenda Hollo of Valtris



Social Hour



Dinner

April Meeting Highlights

Science is a process, not a product - it is a tool of discovery that allows us to constantly expand and revise our knowledge of the universe. The Junior Polymer Ambassadors (JPA) Club was created in order to serve the interests of all teens at GlenOak High School outside of the restrictions of state mandated standards. This vibrant group currently consists of 11 adolescents who are eagerly guided by Ean Hudspeth and Emma Harmon (peers) through research projects, outreach and active/hands on learning. This year the group conducted a "Polymer Day" at the local middle school for over 200 middle school students. At this event they helped John Fellenstein harness an interest in polymers through hands on labs and activities. Middle school students made polymer rubber bands, bouncy balls, learned how to coat a balloon so you could stick a dowel rod through it and then even experimented with coloring changing crystals. This enthusiastic group also presented at the April SPE Meeting in Fairlawn Ohio. The students had been talking about how essential plastics are to life and yet they have been given a bad reputation. They took it upon themselves to develop a plan to convert used plastics into something new, so they could be "used again". They spent 2 months working after school and over spring break to collect plastic containers and melt them down to create business card holders for the attendees of the SPE meeting. It was great to see them tackle a problem and develop a solution through trial and error, just like true scientists!

Keep your eyes open for more stories about this group of energetic teens.

Doris Hess

Plain Local Schools



April Meeting Highlights



Social Hour

Dinner



Speaker Dr. Missi Zender-Sakach

GlenOak Junior
Polymer Ambassadors



SPE National

Please click the following areas of interest:

[Who Can Help at National](#)

[Member Benefits](#)

[Join SPE](#)

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

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Akron Student Chapter

The Akron SPE Student Chapter received the 2017 Outstanding Student Chapter Award. The purpose of this award is to recognize Student Chapters whose programs, activities and levels of participation are noteworthy. The eligibility criteria for this award include:

- Having an active Board of Directors.
- A minimum of 10 SPE student members in good standing.
- Conducting at least four technical meetings during the 2016 calendar year.
 - Included a tour of Bridgestone Technical Center
- Student/s serving as a liaison to sponsoring SPE section Board of Directors.
- Attending meetings of the Akron SPE Section during 2015 calendar year.
- Producing Student Chapter communication during 2016.
- Participation in local/communities' activities.
 - Science fairs and science nights at local elementary, middle and high schools
 - Lab tours of Dept. of Polymer Engineering at University of Akron to local high school students
- Participation in technical sessions at ANTEC 2016.
- Attendance at a non-SPE major event in 2016.
 - National Graduate Research Polymer Conference, Akron
 - Akron Functional Materials Center Fall Meeting, Akron



This award will be presented to the Student Chapter at ANTEC 2017 in Anaheim.

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Membership report – Mar 2017

Akron Section has 276 active members. Three new members were added in March.

Month	Active	New / Renewal	Lapsed
Jan 2017	280	1+0 = 1	12
Feb	274	1+0 = 1	7
Mar	276	3+1 = 4	2

Say hello to:

Hardik Bhanushali, Seaman Corp.

Jeffrey Biesenberger, Advanced Drainage Systems

Nick Ciavarella, GoJo Ind.

Bruce Fawcett, PolymerOhio, Inc.

Dr. Sahil Gupta, Parker Hannifin Corp.

William Shaffer, Advanced Drainage Systems



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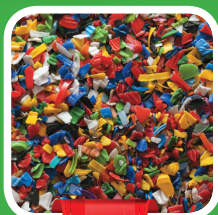
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Struktol will be at K2016
(co-exhibiting with VELOX GmbH)
Please visit us at Hall 6 / A23

Minutes of Board Meeting – April 3, 2017

Call to Order: Meeting called to order at 5:30 PM

Present: Bob Weiler, Viv Malpass, Keith Pelfrey, Tom McQuaide, Nicole Brostowitz, Dave Schultz, Gary Taylor, Anisa Cobaj, Tzu Yu Lai, Tony Dean, Bob Wegelin and Sahil Gupta

Absent: Kevin Malpass, John Fellenstein, Joe Mattingly, Marcos Pantoja and Ashrita Nallapaneni

SPECIAL GUEST- Dan Jones- returned from overseas!! Welcome back Dan.

Minutes from **March 6, 2017** were reviewed and approved.

Committee Reports:

Technical Program Review—Bob Weiler

Bob Weiler reviewed upcoming meetings:

April 10- John Fellenstein has handled development set with Glenn Oak – Dori Hess and 13 students attending- Hands on – name badges- HDPE along with Dr Missi Zender-Sakach

May 15- Awards Speaker- will be Dr Sadhan Jana.

May 19- All Ohio Networking- Univ of Akron

June 5- Wrap meeting- Papa Joes

Nicole reminds that we need to provide all details on Program for website to her as well Jenny for Newsletter.

House—Gary Taylor/Bob Wegelin

Gary reports all locations are set for remainder of the year- Akron Section at Hilton plus Firestone for Awards.

Program Committee—Tom McQuaide

Tom informed he will do final review with Cleve on updated status for Program by June 5 wrap up for next year. Cleve now targeting a couple of tours and a Mini Tech- Machinery in Nov 2017. Akron Section would like to attract a TOPCON/ Mini Tec for 2018-9.

Membership--Sahil Gupta

Sahil informs currently at 276 and will confirm current status as well determine who have lapsed and make contact for current status for those who have lapsed .

Treasurer--Gary Taylor

Gary provided statements and transactions reports. Financials- in good order.

Councilor--Kevin Malpass

No report-plans to attend along with Bob Weiler ANTEC- May 2017.

Student Chapter—Tzu Yu Lai and Anisa Cobaj

Student Chapter won Award for their submission from Intl and will have representative present to receive in Calif. Tzu has now informed that 2 students will be traveling to ANTEC- reviewed past support from Akron section. Section voted and will support \$200 for each student. They have planned a Student Recruitment day- April 6 . Potential ideas for student tours – plants or labs in the area (roughly 20 students).

Public Interest/Website/Advertising—Tony Dean

Communications Award has been won by Akron Section- great job Tony and Nicole and Jenny!! Need to help Tony make sure we provide pictures for meetings for newsletter and website.

Need to review potential Education oriented article.

Minutes of Board Meeting – April 3 (cont.)

Website Improvement/utilization—Tony Dean/Nicole Brostowitz

Confirmed we plan to kick off new year with Video on site in September.

Nicole notes as we move forward need pictures at meeting please send to Nicole and pictures now on Facebook- they feature our members so tag away!!

Akron Section Expansion—Nicole Brostowitz

Nicole confirmed expansion process is underway approved now with Sections Committee and will now be addressed by Council in May at ANTEC.

Newsletter—Tony Dean

Jenny needs information for May newsletter.

Awards—Keith Pelfrey

Akron Section won the Pinnacle Gold this year!!- Bob Weiler will accept at ANTEC.

Keith, Dave, John and Bob Wegelin are in the process of developing input for brochure – Scholarships, Hall of Honor, Zekan, Essays and Science Fair winners, gathering pictures finalizing and updating Hall of Honor/ 50 Year Akron Section to be run on laptops at Awards Night. John and Tom to co-share presentation for Awards Night- from Education Com. We also need Akron Section display for Tabletop- John Fellenstein to handle.

Keith has requested picture and bio for Sylvia Moore for the Hall of Honor Award –Bob Weiler to assist.

Keith requests all information to be sent to Jenny for Brochure.

Reviewed that for Year 2017-18 will need to consider Intl Awards- Honored Service Member or Fellow.

Education Committee—John Fellenstein

John and Tom report that they are set for Scholarship/Essay applications as it appears that this year the “more visible” tact has paid off as we gathered more potential students.

Education Foundation—Bob Wegelin

In good shape currently.

Old Business:

Potential speakers for large events. Still to be considered for future:

Thogus President, CEO Baerlocher- Edward Hall, CEO- Newlight Technologies-Robert Heerema- Calif

Jeff Hoffman video- Website- Sept confirmed

New Section boundaries

Akron Section sponsored Event- May 19 U of A- details set PR on website and hard copy. Great job Nicole!!

New Business:

ACCESS-Presidents and Advisors Meeting-

SPE representatives- Tom McQuaide, Dan Jones to attend and share STEM activities and hard spots as well

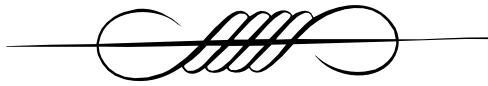
Lloyd Goettler to attend and aid in Brainstorm- Program development for joint meetings

Adjournment

Meeting was adjourned. Next BOD Meeting May 1 at PEAC.

Akron Section SPE Past Presidents

*58 years of
excellence*



1959-1960	Donald F. Siddall	1988-1989	William E. Tosko
1960-1961	Milan Krajcik	1989-1990	Robert C. Wegelin
1961-1962	Foster J. Young	1990-1991	Geraldine R. Stromquist
1962-1963	Dickson L. Stoker, III	1991-1992	Spencer Kreiser
1963-1964	Edward L. Hillier	1992-1993	Robert C. Wegelin
1964-1965	John R. Russell	1993-1994	Anthony F. Dean, Jr.
1965-1966	John R. Russell	1994-1995	Wayne Decamp
1966-1967	Clyde H. Jones	1995-1996	Melanie Stewart
1967-1968	Alan Corry, Jr.	1996-1997	Kevin Hershfield
1968-1969	Bernard M. Saffian	1997-1998	David Schultz
1969-1970	Harold R. Schick	1998-1999	John Raab
1970-1971	Robert G. Hills	1999-2000	Gary Taylor
1971-1972	John J. Satterfield	2000-2001	Kevin Malpass
1972-1973	Alexis M. Gross	2001-2002	Kenneth L. Sharp
1973-1974	Francis J. Maurer	2002-2003	Joseph E. Pfeiffer
1974-1975	Leverett A. Anderson, Jr.	2003-2004	Robert C. Wegelin
1975-1976	Robert M. Hershey	2004-2005	Joseph Mattingly
1976-1977	Richard L. Fleshman	2005-2006	Lloyd A. Goettler
1977-1978	David Curtis	2006-2007	John Woodside
1978-1979	John A. Zelek, Jr.	2007-2008	Vivian Malpass
1979-1980	Gerald W. Whitnable	2008-2009	Joseph Mattingly
1980-1981	Kathleen N. Bechter	2009-2010	David A. Katz
1981-1982	Victor E. Giuffrida	2010-2011	Lloyd A. Goettler
1982-1983	James Steiner	2011-2012	David Schultz
1983-1984	Robert G. Hills	2012-2013	Kevin Malpass
1984-1985	Anthony F. Dean, Jr.	2013-2014	Dan Jones
1985-1986	Gene Buser	2014-2015	Vivian Malpass
1986-1987	Harry J. Barth	2015-2016	Keith Pelfrey
1987-1988	Judith A. Fallon	2016-2017	Robert Weiler

**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 (see page 15)**

**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
interesting in posting.**

Programs for 2016 / 2017

Sept. 12 **The Technology House**
Carbon CLIP Process Demo and Tour
-- Streetsboro – Cleveland*

Sept. 20-22 **12th TPE TopCon**
Stretching Performance with TPEs
-- Hilton Fairlawn – Akron*

Oct. 10 **Vadxx**
Scrap Plastic to Oil
-- Hilton Fairlawn – Akron*

Nov. 14 **Reuther Mold**
Mold Design and Manufacture –
Plant Tour
-- Cuyahoga Falls – Cleveland *

Dec. 5 **Holiday Celebration**
Madrigal Singers and Speaker
-- Taverne of Richfield – Akron*

Jan. 9 **ColorJar – Jeff Hoffman**
-- Hilton Fairlawn – Joint ACCESS*

Feb. 13 **Cleveland Federal Reserve Bank**
NE Ohio Economy
-- Hilton Fairlawn – Akron/Cle*

Mar. 13 **Valtris: Additives Development and**
Mfg, Plant Tour
-- Independence – Cleveland *

Apr. 10 **Industry / Teacher Collaboration**
Plastics in Education
-- Hilton Fairlawn – Akron*

May 15 **Akron Section Awards Night**
-- Firestone Country Club – Akron

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

Akron Section Board of Directors

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Akron Section Society of Plastics Engineers Educational Foundation



1-17

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 twenty-eight years that the foundation has been in existence, it has provided scholarships to over 258 young men and women totaling in excess of \$327,000 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 15, 2017.

We are looking 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 2017-18

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 58th year of the Akron SPE Section and rates are for entire season, September 2017 – Summer 2018. **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 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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