



Engineering Properties and Structure Division Newsletter

Jan 2018

CHAIRPERSON'S REPORT



*Thank you for volunteering your time!
More volunteers are needed. Please consider
volunteering some time to EPSDIV!*

Dear EPSDIV Members,

Greetings and Happy New Year to everyone!

I began writing this over the Christmas break but then came down with the flu which sidelined me for a couple of weeks! I hope you are all avoiding this years bug.

Some thanks are in order.

First, to **Jason Lyons** (Arkema) and **Brian Grady** (U. of Oklahoma) who were the TPC chairs for Anaheim ANTEC2017. The sessions were well attended, especially the full day symposium in honor of Robert Weiss. I heard many compliments at the reception for the quality of the sessions.

With ANTEC2018 just around the corner, I would like to thank the TPC Chairs **Pavan Valavala** and **Rajen Patel**, (both from Dow Chemical Co.). They are hard at work pulling together six technical sessions for ANTEC2018 in Orlando FL from May 7-10, 2018. This will be co-located with NPE, Plastics Summit and ReFocus.

Next I would like to thank **Babli Kapur** who is our Councilor to the Society. This means extra meetings & travel on behalf of EPSDIV. Babli has a thought provoking message for us on page two. Please consider her thoughts on volunteering and helping to move EPSDIV forward.

And of course, I would be remiss if I didn't thank the current (and past!) members of the EPSDIV Board. Without these volunteers EPSDIV would be in a world of hurt.

Speaking of the Board, we have 8 slots opening this year. Board of Director positions are a 3-year term which begins at ANTEC2018. On **page 3** there is a call for nominations to the Board. These positions are open to any member of EPSDIV. Wherever you are in your career, from recent graduate to retiree, **WE NEED YOU!** If you are interested in volunteering, or know of someone who would benefit from SPE leadership experience, send me an email

and I will get back and answer any questions.
(paul.hans@polyone.com)

As always, I would like to hear from you if you have any concerns, any ideas on how to make EPSDIV better, or just to say hello!

Here's to a great 2018!

Best wishes,

Paul Hans

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COUNCILOR'S REPORT

2017 Closing Thoughts

Before we know it, the end of the year is upon us. As we reflect on 2017 and look forward to next year, we are once again reminded of the fleeting nature of time. And from an individual standpoint, the finite nature of it – never enough time to do all that we want to do. The daily challenge of work-life balance. In reality what we face is not so much a balancing act but rather a matter of choices. We choose to volunteer, in addition to our day-jobs and personal commitments, because we recognize the importance of it. We believe in it and are passionate about wanting to make a difference. This means at certain times one aspect of our lives will have to take priority over another because we certainly cannot do it all. And to do it well, we need to make time for our commitments. And so it is with volunteering for the EPSDIV and SPE. It is a time commitment with a desire to take things to the next level. We have great examples of former EPSDIV members who exemplify this in the form of Brian Grady, 2017 SPE President-Elect; Brian Landes, SPE Vice President Technology and Education; and Jason Lyons, SPE Vice President Divisions.



This year SPE celebrated its 75th anniversary. While celebrating the past, key changes were also implemented to improve the effectiveness of the governance body, and the services offered by SPE, to better meet evolving member needs and to keep up with industry trends. In the new governance structure, the SPE Vice Presidents have functional roles with greater authority and accountability.

The annual SPE technical conference, ANTEC, held May 8-10, in Anaheim, CA, attended by almost 1,500 participants, also got a new look. In addition to the technology sessions, new forums included the "Plasticity Forum" dedicated to sustainability issues; "Industry 4.0 Forum" focused on the internet-of-things in the plastics industry; the Women Networking Breakfast, the Plastics Race, and Student Speed Interviews.

And so the journey continues. From an EPSDIV perspective, we are also at the juncture where as a division we need to do some soul searching about what we want to be as we go forward, and how best to stay relevant to meet our changing member and sponsor needs. As a division we have a strong technical foundation. Our membership network has a rich diversity of plastics industry and academic expertise. We look to the next generation of volunteers and board members to leverage these strengths in shaping the future of EPSDIV.

Thank you to all the EPSDIV members and the greater SPE community for volunteering your time, expertise and knowledge for the benefit of plastics professionals and to promote the plastics industry.

My best wishes for a safe and happy new year.

Babli Kapur

EPSDIV



Volunteers needed to serve on the Board of Directors!

The Engineering Properties and Structure Division is seeking individuals to serve on the Board of Directors.

What will this entail?

- Board Members serve a 3 year term.
- Serve on a committee—several to choose from!
- Attend BOD meetings (ANTEC + 3 to 4 teleconferences)
- Use your creativity to develop and implement ideas!

What will you get from serving?

- ✓ Gain Leadership experience!
- ✓ Networking opportunities!
- ✓ Develop new skills!
- ✓ Learn from new experiences!

From recent graduate to retiree,
THERE IS A PLACE FOR YOU!

Interested?
To learn more or
to self nominate
[click here!](#)

TREASURER'S REPORT

FINANCIAL REPORT FROM JULY 1, 2017 TO NOV. 17, 2017

BALANCE as of July 1, 2017
28,632.72

(cash, checking, savings, investments)

INCOME	ACTUAL
SPE Rebate	1843.75
ANTEC Sponsorships	3909.60
	<hr/>
TOTAL INCOME	\$5,753.35

EXPENSES	
Awards	2,500.00
ANTEC Expenses	423.00
Councilor Travel	752.84
	<hr/>
TOTAL EXPENSES	\$3,675.84

ENDING BALANCE as of
November 2017: \$30,710.23



Submitted by
Emmett Crawford,
EPSDIV Treasurer
2017-2018

THANK YOU SPONSORS!!

2017 ANTEC Sponsors

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Many, many thanks to our
ANTEC2017 Sponsors.

Your generous support is
greatly appreciated!

ANTEC 2018 TPC REPORT

May 7-10, 2018 Orange County Convention Center



ANTEC[®] ORLANDO

The Plastics Technology Conference



The Technical Program Committee Chairs have been working on our behalf to put together a solid technical program for ANTEC2018.

Contact the TPC Chairs for any questions.

EPSDIV TPC Co-Chairs

Pavan Valavala (PValavala@dow.com)

Rajen Patel (RMPatel@dow.com)

Session Topics

Multi-layered Materials

Surfaces and Interfaces

Innovations in Packaging

Innovations in Polyolefins

Polymer Mechanical Properties

Structure Property Relations in Foams

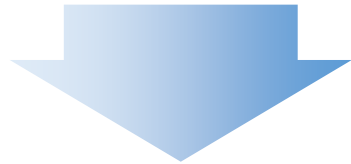
EPSDIV Purpose:

- Stimulate investigation and understanding of engineering properties of plastics and their relationship to composition, structure, and processing variables.
- Foster technical activities on uniform testing and reporting of plastic properties.
- Encourage proper application of plastic data.

2018 EPSDIV ANTEC Technical Program Sponsorships

Sponsorships Available for the 2018 ANTEC Program!

Sponsorship program:
\$500



- ◆ Your Company name on room entrance posters!
- ◆ Your Company name on podium posters!
- ◆ Your Company logo on screen between talks!
- ◆ 1/2 page ad space (single issue) in Newsletter - a \$300 value!!

[Click](#) here to reserve your spot today!

Funds from the program are used to support the EPSDIV mission in two key areas:

◆ **Technical conference program quality**

Such as, sponsorship of awards for outstanding papers, expenses and honoraria for invited speakers, and seed money for RETECs and other EPSDIV sponsored symposia.

◆ **Plastics education**

Such as, sponsorship of awards for outstanding student papers, student travel grants, scholarships and short courses.

Please ask your company or organization to sponsor the
2018 ANTEC Technical Program—Thanks!



ANTEC[®] ORLANDO

The Plastics Technology Conference



Next Generation Advisory Board

Generating Leaders for the Society of Plastics Engineers



You may have caught the article about SPE's Next Generation Advisory Board (NGAB) in the September issue of Plastics Engineering Magazine. If not, we are a group of young professionals and students who are focused on laying the future foundation for SPE and creating tomorrow's industry leaders.

Over the course of the past four years, NGAB has managed to grow from three members to a strong collective of 67. We hold monthly calls and plan activities for increased young professional engagement in SPE.

This year, we have begun to partner with Sections & Divisions to plan NGAB activities that are co-located with TopCons and other industry events, such as IMTECH and the Annual Blow Molding conference. These events have been effective in engaging the next generation of plastics professionals and have helped us strengthen and grow our core team.

If you are interested in joining NGAB, or partnering with us to for an event, please contact Mercedes Landazuri mldandazuri@apexcolors.com or Shankar Srinivasan srigshan@iastate.edu to learn more. You can also follow us on Facebook at www.facebook.com/NextGenAdvisoryBoard/

Best,

Mercedes Landazuri

Chair, SPE Next Generation Advisory Board

Customer Relations, Apex Colors, Inc.



Photo in banner above from The Plastics Race at ANTEC 2015.

Photos below from NGAB meeting at IMTECH, NGAB Cookout & Volleyball at IMTECH, NGAB Whirlyball Social at Annual Blow Molding Conference.



EPSDIV OFFICERS & BOARD of DIRECTORS 2017-2018

CHAIR

Paul Hans
PolyOne Corp.
paul.hans@polyone.com

CHAIR ELECT

Kaan Gunes
Klockner Pentaplast
kaangunes@yahoo.com

PAST CHAIR

Daniel Liu
Apple
danieljliu@gmail.com

COUNCILOR

Mridula (Babli) Kapur
The Dow Chemical Co.
mkapur@dow.com

SECRETARY

Stephen Driscoll
U. Mass-Lowell
Stephen_Driscoll@uml.edu

TREASURER

Emmett Crawford
Eastman Chemical Co.
ecrawford@eastman.com

MEMBERSHIP CHAIR

(open)

NEWSLETTER

Paul Hans
PolyOne Corp.
paul.hans@polyone.com

Board Members

Richard Bopp
RC Bopp Associates, LLC
rcbopp@mhccable.com

Jason Lyons (Sr. Sen.)
Arkema Inc.
jason.lyons@arkema.com

Luyi Sun (Sr. Sen.)
University of Connecticut
luyi.sun@uconn.edu

Sadhan C. Jana (Sr. Sen.)
University of Akron
janas@uakron.edu

Mohammad Hossain
Texas A&M University-Kingsville
Mohammad.Hossain@tamuk.edu

Josh Shing-Chung Wong (Sr. Sen.)
University of Akron
swong@uakron.edu

Brian Landes
The Dow Chemical Company
BGLandes@dow.com

Rajen Patel
The Dow Chemical Company
rmpatel@dow.com

Ying Shi
A. Schulman
Ying.Shi@schulman.com

Hoang Pham (Sr. Sen.)
Avery Dennison Corp.
Hoang.Pham@averydennison.com

Murali Rajagopalan
Acushnet
murali_rajagopalan@acushnetgolf.com

Hsinjin (Edwin) Yang
Pioneer Scientific Solutions
yang.pioneerss@gmail.com

Duane Simonson
US Naval Research Laboratory
d3podd@gmail.com

Paul Rothweiler
Rothweiler Consulting
pjrothweiler@gmail.com

John Trent (Sr. Sen.)
S.C. Johnson & Son, Inc
jstrent@scj.com