

P.A.D. REVIEW

Polymer Analysis Division Society of Plastics Engineers

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Chairman's Message

As of the most recent board meeting at ANTEC 2016 in Indianapolis I have assumed the chair's position of the division. I would like to thank Greg Kamykowski for his work in the position previously and his assistance in making this transition as easy as possible for me.

As the new chair I will be working with the board on a number of issues that are important to our members, the division, and SPE as a whole. We will be working to define our strategy to promote fiscal stability and growth, while maximizing the value we can offer to our members. I would ask of our membership to please send myself or another board member what you find most valuable about your membership in our division and what you feel we could add to increase that value. That input will help to decide future decisions.

As always we look forward to the next ANTEC meeting in Anaheim, it's never too early to be thinking about presentations. In addition to the standard presentations we are planning to host a session for commercial papers. This is a new

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Board of Directors

Joel Lischefski	Chair	Teel Plastics	jlischefski@teel.com
Gregory Kamykowski	TPC	TA Instruments	gkamykowski@tainstruments.com
Vassilios Galiatsatos	Treasurer	LyondellBasell Industries	vgaliatsatos@msn.com
Harrison Yu	Councilor	Bondable Biopolymers, LLC	harrisonyu@comcast.net
Sanjiv Bhatt	Past Chair	Enetgris	sanjiv_bhatt@entegris.com
Kevin Menard	Communication Chair	Mettler -Toledo	kevin.menard@mt.com
Changdeng Liu	Newspaper Co-Editor / secretary	Ethicon Inc.	cliu26@its.jnj.com
Ida Chen	TPC	Dow	chen2c7ab2@dow.com
Alexandria Niemoeller	Member	TA Instruments	LNiemoeller@tainstruments.com
David W. Riley	Membership Chair	Extrusion Engineers	drdriley@aol.com

Best Paper Award

Polymer Analysis Division—ANTEC 2016

EFFECT OF SILICA FILLER CONCENTRATION ON THE MECHANICAL AND DIFFUSION PROPERTIES OF COMMERCIAL GASOLINE THROUGH POLYETHER-POLYURETHANES

Presented by James Sloan

U.S. Army Research Lab

Congratulations!

Treasurer's Report — V. Galiatsatos, PAD Treasurer

I would like to thank Feina Cao, who served as my predecessor and did an outstanding job in keeping track of our Division's finances.

As of 10/31/15 our Division had \$26,219.62 in our bank account. We received \$0.44 in interest payments since 09/30/15. Year-to-date we have received \$4.21 in interest. We received our 3rd quarter rebate from SPE Headquarters on 08/17/15 in the amount of \$431.25. No expenses were recorded during this period.

Submitted on November 13, 2015

Below is the activity of our account since November 13, 2015:
Starting balance: \$26,219.62

11/30/2015		Interest		\$0.43	26,220.05
12/31/2015		Interest		\$0.45	26,220.50
01/31/2016		Interest		\$0.44	26,220.94
02/29/2016		Interest		\$0.42	26,221.36
03/31/2016		Interest		\$0.44	26,221.80
04/30/2016		Interest		\$0.43	26,222.23
05/31/2016		Interest		\$0.44	26,221.67

No expenses were recorded during this period.

Submitted on July 7, 2016

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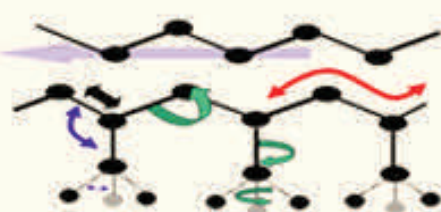
venture for our division and SPE so please spread the word. The intent of the commercial presentations is to communicate to the audience new technologies and applications from commercial businesses. Please contact Greg Kamykowski who is our lead Technical Program Chair for details.

Thank you,

Joel Lischefski

P.A.D Chair

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Recap of ANTEC 2016

Greg Kamykowski

Past PAD Chair and Current Co-Technical Chair for ANTEC 2017

ANTEC 2016 was held May 23-25 in the beautiful J W Marriott Hotel in downtown Indianapolis. As usual, the main draw of ANTEC is the high quality of the many talks that are given for almost every aspect of the plastic industry. The usual problem one has at ANTEC is deciding which talk, among many interesting possibilities, to attend.

The Polymer Analysis Division was well represented in the talks. We had a total of 15 presentations: 5 presentations Tuesday morning, 6 presentations Tuesday afternoon, and 4 presentations Wednesday morning. All the talks were well done, although there were 2 no-shows among the group. We peaked at about 35 attendees for a couple of the Tuesday morning talks. We presented the best paper award for ANTEC 2015 to Neil Doll, who was not able to attend ANTEC this year. Lukas Duddleston accepted the award on Neil's behalf.

It's not too early to start planning a presentation for ANTEC 2017, which will be held May 8-10 in Anaheim. We are always looking for high-quality presentations.

With this ANTEC, I pass along the title of Division Chair to Joel Lischefski. It was my privilege to serve as Chair for 4 years. The time has gone by fast. I want to thank those that gave great effort to our Polymer Analysis Division and to me personally. People like Sanjiv Bhatt, Kevin Menard, Ida Chen, and, more recently, Joel Lischefski have been great Board members during these past few years. I have the utmost confidence that Joel will lead our Division effectively in the years to come. I will actually take Joel's former role, namely, the ANTEC Technical Program Chair and will do this with the able assistance of Ida Chen. Ida has helped with this responsibility for several years now.

We also have a new Councilor – Harrison Yu. Harrison is a past Chair for PAD and has accepted the role of Councilor as Sanjiv's term expired.

So, to all of you, I wish a happy and healthy summer of 2016. I hope to see you in Anaheim next May, if not sooner.

Greg Kamykowski

Chair – Polymer Analysis Division 2015-2016

2016 Board Meeting Minutes

The meeting was held at ANTEC in Indianapolis on Tuesday May 24th

Attendees:

Joel Lischefski – Chair

Greg Kamykowski – Technical Program Chair

Points of discussion:

1. Board membership and active roles were discussed. An action was taken to confirm Harrison Yu as the new councilor, Vassilios Galiatsotos remains as treasurer, Greg Kamykowski assumed the Technical Program Chair role and will be assisted by Ida Chen, Changdeng Liu is the secretary, and will be assisted by Kevin Menard.
2. A discussion was held on information provided during the TPC meeting in which SPE made the following statements:
 - a. Overall attendance is trending down
 - b. Paper submissions are trending down
 - c. We are competing against rival associations and conferences that have looser standards and barriers and are likely losing presentations and attendance as a result.
 - d. Decisions were made during the meeting that TPCs of individual divisions would have the authority to solicit and accept commercial presentations without a paper, solicit and accept presentations with only an abstract (with the assumption that a paper would be written after the abstract was accepted)
 - e. The TPCs had the authority to organize alternative types of events such as roundtable discussions, or panels with Q&A sessions with subject matter experts, etc...
3. A recommendation was made to begin soliciting presentations for a commercial session and to request additional feedback from other members on alternative formats such as roundtable discussions or panels. Please provide your thoughts, including if you have no strong feelings either way back to the board.
4. A discussion was held on the longer term strategy of the division.
 - a. The value we provide to members was identified as:
 - i. New information in the form of technical papers and presentations (it should be noted that this is available to all members of SPE not just PAD members, though the content is generally more suited to their interests).
 - ii. Networking opportunities
5. A merger with other divisions and SIGs was discussed to provide the division with additional funds and a larger membership base to be able to provide better services

and value as a larger group that could not be done individually. Rheology and Failure Analysis SIG were discussed as the best options for a merger. Greg took the action item to discuss the idea with members of their board and provide the board with their response. Joel took the action item of discussing the idea with the board of the failure Analysis SIG and provide feedback

- a. The idea was discussed with Jeff Jansen who is on the board of the Failure Analysis SIG and he was receptive to the idea. He felt a joint session may be a good first step to accomplish in 2017 while additional discussions take place. He also recommended we speak further with their chair whom he expected to be receptive to the idea.

Summary of action items:

1. Joel to speak with the chair of Failure Analysis SIG to determine if a merger is a possibility.
2. Greg to speak with the chair and members of the board of the Rheology division to determine if a merger is a possibility.
3. Board members to provide feedback on a commercial presentation session and alternative presentation formats for ANTEC 2017 such as roundtables or panels. This feedback is needed to reach a decision as a board.
4. Board members to provide feedback on the longer term strategy of the division. This feedback is needed to create the draft strategic plan that will be submitted for approval.
5. Joel to document the strategic plan for future discussion and acceptance by the board.

Please have action items completed by the end of July. If they can't be completed by the end of July please let me know what date they can be completed by.

Thanks,

Joel Lischefski



Call for Papers

*Want to share **your** knowledge with a global audience?*

Society of Plastics Engineers is pleased to announce our Call for Papers for ANTEC® 2017! **SPE is soliciting papers in the following areas:**

Additive Manufacturing/ 3Dp
Advanced Energy
Alloys & Blends
Applied Rheology
Automotive
Bioplastics
Blow Molding
Color & Appearance
Composites
Decorating & Assembly
Electrical and Electronic
Engineering Properties & Structure
Extrusion
Failure Analysis & Prevention
Flexible Packaging
Injection Molding

Joining of Plastics & Composite
Medical Plastics
Mold Technologies
Plastic Pipe & Fittings
Sustainability
Plastics in Building & Construction
Polymer Analysis
Polymer Modifiers & Additives
Product Design & Development
Reaction Injection Molders
Rotational Molding
Thermoforming
Thermoplastic Elastomers
Thermoplastic Materials and Foams
Thermoset
Vinyl Plastics

Paper Deadline: December 2, 2016 - 11:59 p.m. EST

[Create a Submission](#)

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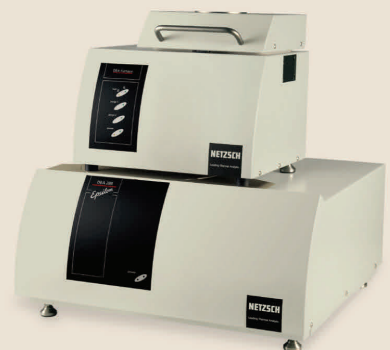
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Dynamic Mechanical Analysis (DMA) to characterize stiffness and damping behavior



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