

P.A.D. REVIEW

Polymer Analysis Division Society of Plastics Engineers

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Dear PAD Members

We are looking forward to putting together a good technical program within the division for the upcoming ANTEC. Preparations are already underway for reviewing and scheduling and it should be a great program. Please watch for registration to begin shortly after the New Year.

We will be holding our board meeting at the conference. The date will be announced and scheduled as part of the program in advance and I welcome all members to join. Topics on the agenda will be the roles of board members moving into 2018, financial updates, membership updates, and our strategy for moving forward.

I would like to thank all of you for supporting the Polymer Analysis Division and continuing to support the continued advancement of materials science in the polymer field.

Thank you,
Joel Lischefski
PAD Chair

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From the Editor

Note our webpage address has changed: please note it is now at:

<http://www.4spe.org/technical-groups/divisions/polymer-analysis>

We also have a group on Linked In called the Polymer Analysis Division, SPE. Please note that due to spamming, we will not be approving members without contacts or photos. Also if you have time constraints on your promotions, please email me directly to make sure it gets approved in time.

We are also looking for a editor for the newsletter. Contact the chair if interested.

KPM

Call for ANTEC Papers

Dear PAD members

The deadline for submitting papers for ANTEC 2017, which will be held in Anaheim CA May 8-10, is approaching. Papers must be submitted by Friday, January 13, 5 p.m. EST. Please consider submitting a paper on your work for our Polymer Analysis Division sessions, and encourage your colleagues to do so as well. We can always use good, quality papers.

The call for papers flier is shown in this newsletter. You can also go to the SPE website, www.4spe.org, and follow the directions for submitting a paper.

We look forward to seeing your papers and to having you as a speaker at ANTEC 2017.

Greg Kamykowski

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31 August 2016
Council Meeting report

The Council meeting weekend was held on August 19, 20 and 21 in Quebec City, Canada. This location was chosen in an effort to bolster support and attendance at a TopCon that the local Quebec Section was holding during this same timeframe. The Council Meeting was scheduled to give the Executive Committee additional time to plan for all the extra work needed to implement a new governance plan. There were over 60 members of Council and Senior Governance as well as staff (4) in attendance at the council weekend. This was a very good representation, especially since travel to this venue required two international flights for most of us. The business of the weekend was busy, intense and in some of the discussion, not good news. Specifically, we learned that the projected finances for 2016 show that SPE may close the year with a \$50K to \$60K shortfall. The reason for this is that membership in SPE continues to lag (we currently have 13,154 members) and instead of a projection of growth, we are actually seeing a reduction or loss in members. ANTEC 2016 had an attendance of 1,315. Twenty years ago, membership in SPE was approximately 30,000 and ANTEC attendance was in the range of 4,000. The difference in these numbers directly affects income and this has forced SPE to reduce staff from what had been in the 30 range to currently 11 or 12. In order to turn around the loss of members and the shrinking budgets, SPE has been working to remake itself starting with governance restructuring and giving attention to areas focusing on the next generation professionals in the plastics industry.

During this Council meeting, we finalized the governance restructuring plan which will begin to be implemented starting early in 2017. It will take 3 years to fully implement and transition to this plan but it is anticipated to bring far more of a focus to leadership with professionals assigned areas in which they are both trained and capable of operating such as finances, long term strategic planning and membership growth. SPE Chain is becoming the “go-to” place for anything related to SPE and plastics. All are encouraged to both sign up for and use the Chain for communication within SPE and to

stay in touch with other plastics professionals. All SPE “chapters”, i.e. Sections and Divisions are encouraged to establish their own groups within this network and carry on most if not all communication to its members using this new electronic communication tool.

During these council meetings, a new Student Chapter was approved for Imperial College in London, England. In addition, the Central Europe Section was one of the sections targeted for merging into one European Section incorporating all the areas of Europe. But because there were many unanswered questions about this move, the motion to merge all European Sections was tabled until the next meeting of Council, tentatively planned for December 2016. Finally in finalizing the process that started about two years ago, the final step of closing down the Rochester Section was voted upon and passed. A good number of changes were made to the By-Laws and Policies primarily to allow the transition to the governance model for SPE. All of these documents are available for anyone interested in reading them by looking on the Chain in Leadership Lane. It was announced that one of the newly elected members of EC, Rochelle Lemieux had submitted her resignation due to a change in her work assignments and life. Rodney Joslin, one of Ms. Lemieux challengers received the second-most number of votes and was therefore appointed to fill the open spot on EC. The entire gathering of Councilors and senior governance had a break-out session in which the task of rejuvenating ANTEC by doing whatever we thought would help was discussed. The ideas from each group were shared and then discussed briefly and collected to be compiled and distributed for all by past SPE president Donna Davis.

SPE HQ, executive committee, and other division councilors were networked for merging and Co-event opportunities. No councilor or proxy from Applied Rheology Division attended the meeting. Since Failure Analysis SIG is not a formal division, it has no right to attend this meeting.

Talked with people from SPE HQ, executive committee, and other councilors, they gave me a list of divisions which are currently not complaint, means they are going to be suspended, and suggested that we could contact these division for merging plan. They are Electrical and Electronic (provisional position since 10/2015), Thermoforming, Thermoset, Mold Technologies, European Thermoforming, China Vinyl Plastics, China Extrusion. Thermoplastics Materials and Foams Division (TPM&F) regularly organizes Polyolefins Conference and Foam Conference. Parimal (Perry) Vadhar as councilor at TPM&F encourages us to submit a proposal. He will give it to people in charge at his division. Attached is his business card. Flexible Packaging Division regularly organizes Flexible Packaging Conference. Dan Falla as councilor at Flexible Packaging Division encourages us to submit a proposal. He will give it to people in charge at his division. Attached is his business card. SPE HQ Willem De Vos as CEO (wdevos@4spe.org, 203-775-0471) and Russell Broome as managing director (rbroome@4spe.org, 203-740-5471) agree to help. Please send our proposal to both of them.

Membership information available through the SPE database was presented as a resource to all Sections and Division and all membership chair and committees were encouraged to take advantage of this information. This information is intended for chapter membership chair to help understand members, understand member growth areas and to guide the group in meeting the needs of its members. If there is any problem accessing or using the site or this information, we were told to contact SPE HQ. SPE also provides a wide variety of marketing materials available through HQ and all are encouraged to use as needed. The next meeting of Council is tentatively planned for December and will be held as a phone-in meeting. All presentations presented and discussed at this Council weekend can be found on the Chain and all in Leadership are encouraged to refer to them especially if any specific information is sought.

Xue (Ida) Chen Technical program chair Chen2c7ab2@dow.com	Greg Kamykowski Technical Program Co-chair gkamykowski@tainstruments.com
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ANTEC 2017

Polymer Analysis Division Call for Papers

Anaheim CA, USA

May 8-10, 2017

We invite presentations and posters on following topics, but not limited to:

Processing-structure-properties relationships
**Characterization and analysis of polymers/blends/composites/
nano-materials/microfluidics/hydrogels/fibers/polymer ad-
ditives**
Analysis of biobased and biodegradable polymers/composites
Biocompatibility of plastics
Hyphenated characterization techniques
Advances in polymer analysis techniques
Emerging methods of polymer spectroscopy
Instrumental innovations

**Paper Submissions Deadline: January 13, 2017 – 5 p.m. Eastern
Standard Time**

Authors must submit an Abstract (up to 100kb file) and a Paper (saved as .pdf) by the deadline online <https://www.eiseverywhere.com/ehome/184555>. Further information may be found in the Technical Program section of <http://www.anteconline.com>. Papers will be reviewed by the Technical Program Committee and authors notified of status or required revisions. Please contact the TPCs with any questions.

Visit the [Polymer Analysis Division](#) webpage.

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Differential Scanning Calorimetry (DSC) to investigate glass transition and melting behavior



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



Dielectric Analysis (DEA) for cure monitoring of thermosets

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