



MPD NEWSLETTER

FEBRUARY 2015

LETTER FROM THE CHAIR



Hello Fellow Member of the Medical Plastics Division:

All the efforts by various members of the Board are coming to fruition. Pierre Moulinie and Ed Fewkes have assembled an incredible technical program for the MPD at ANTEC 2015 that consists of three morning sessions (M12, T11, W10), comprising of two keynote speakers and 14 presentations. In addition to the technical sessions, we have planned the Board of Directors' meeting, the MPD business meeting, the annual MDP dinner, and a MPD-sponsored social mixer. Look for a schedule elsewhere in this newsletter. All MPD members are more than welcome to any of these events.

By the time you read this, elections for new members to the Board of Directors of the Medical Plastics Division will be over. There were seven candidates for five positions. Whoever they are/will be, we welcome them to the Board. But you do not have to be a Board member to participate. If you would like to volunteer in any capacity, especially in organizing SPE-MPD sponsored technical events or conferences, please contact me (Norris.tollefson@alcon.com).

I am extremely pleased to announce that two of our members have been accepted as Fellows of the Society of Plastics Engineers. **Len Czuba** and **Maureen Reitman** were nominated by the Medical Plastics Division and their nominations accepted by the SPE. Fellow of the Society is granted in recognition for contributions to the *plastics industry* in engineering, science, technology, or management (and not to the SPE). Len and Maureen will be recognized for their achievements at the Leaderships

Awards and Luncheon held on Sunday 22 MAR 2015 at 12:30 to 2:30 pm. The Medical Plastics Division will also receive the Pinnacle Award and the Communications Award for contributions to the SPE.

This past year has seemed to fly by so quickly, probably because there are only 11 months between ANTEC 2014 and ANTEC 2015. By the time you read this, ANTEC 2015 in Orlando, FL will be less than two months away. Make plans to attend now. We look forward to seeing you there.

In This Edition...

| | |
|--------------------------------------|----------|
| Polyolefins Conference Update | 2 |
| ANTEC Features | |
| MPD ANTEC Schedule | 3 |
| Special Events | 3 |
| Calendar of Upcoming Events | 4 |
| Communications Team Notes | 4 |
| Board of Directors | 4 |

Norris M. Tollefson

SPE INTERNATIONAL POLYOLEFINS CONFERENCE 2015

Ben Poon

On Feb 22 – Feb 25, 2015, the SPE International Polyolefins Conference will be held at Hilton Houston North, Houston, Texas. This year's theme is "Four Decades of Advancing Polyolefins Technology." After a successful inauguration in 2014, the Medical Plastics Division will again be participating this year with another exciting program (see advance program below). This is a great opportunity to learn and network (about 700 attendees last year). Plus, for those living in the north, it is a chance to enjoy the warm Houston weather. Last year, I was dining al fresco with temperature in the 70s. Information on the conference can be found at: <http://www.spe-stx.org/conference.php>. See you in Texas!

| Time | Title |
|---------------------------|--|
| Tuesday February 24, 2015 | 1:30pm Polyolefin Film Development for the Global IV Pharmaceutical Market <i>Russell Darley, Sealed Air</i> |
| | 2:00pm Ethylene Vinyl Acetate (EVA) Copolymers and Their Current and Future Role in Parenteral Applications <i>Jose Reyes, Celanese</i> |
| | 2:30pm Improved Sustainability of Medical Devices Through Material Selection and Design <i>Theresa Hermel-Davidock, BD Medical</i> |
| | 3:00pm <i>Break</i> |
| | 4:00pm Pinhole Characterization for Shelf life Prediction in Medical Packaging <i>Frank Rongsheng Lin, Baxter Healthcare Corporation</i> |
| | 4:30pm Digital and Other Printing Methods for Medical Products <i>Paul Jelonek, ITW</i> |
| | 5:00pm Modification of Polyolefins via UV-Initiated Reactive Extrusion <i>Costas Tzoganakis, University of Waterloo</i> |

SPE INTERNATIONAL
POLYOLEFINS CONFERENCE



A FORUM FOR NEW IDEAS AND INNOVATION

ANTEC FOCUS

MEDICAL PLASTICS DIVISION AT ANTEC

The Medical Plastics Division has another great technical program planned for ANTEC 2015. This year's ANTEC will feature the following three sessions on medical plastics:

- **Challenges in the Manufacture of Medical Devices, M12**
Monday, March 23
8:30 am – 11:00 am
Keynote by Maureen Reitman at 10:00 am
- **Advanced Biomaterials, T11**
Tuesday, March 24
8:30 am – 11:30 am
Keynote by Mark Bonifacio at 8:30 am
- **Advanced Resins for Medical Devices, W10**
Wednesday, March 25
8:30 am – 12:00 am

In addition to the technical program, the following MPD events are planned:

- MPD Board of Directors Meeting
 - Monday, March 23rd
 - 5:00 pm – 6:30 pm
- MPD Dinner
 - Monday, March 23rd
 - 7:00 pm – 10:00 pm
 - Location TBD
- MPD Business Meeting
 - Tuesday, March 24th
 - 11:30 am – 12:15 pm
 - Immediately follows T11 session
- MPD Social Mixer (Details to be determined)

We look forward to seeing you at one or more of these events during ANTEC Orlando 2015. If you have not yet registered, visit www.anteconline.com.

ANTEC SPECIAL EVENTS



ANTEC 2015
Tuesday, March 24, 2015
10:00 am - 4:00 pm
West & South Exhibit Halls



In our last newsletter, we introduced the Plastics Race that will be held at this year's ANTEC in Orlando. The Plastics Race is a student competition where student groups will follow a trail of clues that will have them weaving among the aisles of the exhibit hall solving problems and gathering information. This provides students with exposure to the world of plastics engineering. If you are a student, there is still time to register at www.4SPE.org/ANTEC/TPR. Come join the race!!



SPE* is very proud to showcase the latest award winning advances and innovations in plastics that makes a difference in our lives with our global parts competition - Plastics for Life.

Encompassing the very important aspects of plastics within our lives, the four main categories of the competition are:

- **Protecting Life** as pertains to preservation, safety, containment, protection
- **Quality of Life** as pertains to mobility, communication, luxury/comfort, recreation, entertainment
- **Improving Life** as pertains to education, energy, opportunity, health
- **Sustaining Life** as pertains to environmental, conservation, sustainability, recycling, reduction

*This content is from the SPE website

EVENTS CALENDAR (2015)

| | |
|--------------------------|-----------|
| Failure Analysis Webinar | Feb 18 |
| Polyolefins Conference | Feb 22-25 |
| ANTEC 2015 | Mar 23-25 |
| The Plastics Race | Mar 24 |
| IndentiPlast 2015 | Apr 29-30 |

COMMUNICATION TEAM NOTES....

I hope you enjoyed this February issue of the MPD Newsletter. Our next newsletter will have a recap of the polyolefins conference and ANTEC. The winners of the best paper awards from ANTEC will be featured. We are always looking for more content, so if you have a technology or a paper that would be of interest to the MPD community, please contact us at jhfreedm@yahoo.com. Happy Reading!

MPD Communications Team

MEDICAL PLASTICS BOARD OF DIRECTORS

The volunteers that make up the Board of Directors are listed below, along with their contact information. We appreciate all our volunteers and we thank you for your involvement in the Medical Plastics Division of SPE. If you are interested in participating or would like more information, please reach out to anyone on the board. We look forward to hearing from you!

| Name | Position | email |
|---------------------|-------------|--|
| Norris M. Tollefson | Chair | norris.tollefson@alcon.com |
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