

GREETINGS FROM THE CHAIR



Dear Fellow Medical Plastics Division Members:

Welcome to our newsletter!

I hope everyone is enjoying the Fall season.

We had a busy ANTEC this year, and more information about the SPE Leadership Roundtable and the Technical Program is included in the newsletter. One of the follow ups from the Leadership Roundtable was to make changes to our By Laws. A few Board of Directors are busy to make our By Laws more robust and a full update will be published in our next newsletter (pending BOD approval).

The MPD MiniTec program has been finalized with excellent speakers and posters. Please plan on attending the meeting on February 10, 2020, in Anaheim, CA. ANTEC 2020 is going to be in March, and the technical programming committee is busy with reviewing papers and inviting keynote speakers. I look forward to another strong program and encourage everyone to plan on attending the conference. Our Webinar Team has done a tremendous job and developed a series of talks to benefit our members. If anyone is interested to give a webinar, please reach out to the Team.

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GREETINGS FROM THE CHAIR

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A big THANK YOU to our sponsors, IMED Manufacturing, Covestro and PolyOne! Please take advantage of our special price with 75% Discount and support the Medical Plastics Division.

Please remember to renew your Annual Membership and continue to be part of the MPD. Please connect with the Membership Committee to learn about the benefits of being part of MPD.

Please send me note if you have any suggestions to make our division stronger.

Enjoy another edition of our Award-Winning Newsletter!

At your service,

Vipul

Do you have questions about MPD Membership?

Please email Ravi Ayyar
rayyar@lilly.com

Are you interested in volunteering for the BOD?

Please email Vipul Davé
VDave1@its.jnj.com

MEET YOUR SPE MPD BOARD OF DIRECTORS

MPD Board Members with Term Expiring in 2020



Ravishankar Ayyar, Eli Lilly and Company

- Membership Chair & Awards co-Chair
- rayyar@lilly.com



Ed Fewkes, Corning

- Membership Committee
- fewkesej@corning.com



Ajay Padsalgikar, DSM

- MPD Technical Program Committee
- Ajay.Padsalgikar@dsm.com



Louis Somlai, Eli Lilly and Company

- Communications Chair; Newsletter Editor
- somlai_louis@lilly.com

MEET YOUR SPE MPD BOARD OF DIRECTORS

MPD Board Members with Term Expiring in 2021



Ali Ashter, Polyspec Solutions LLC & Hologic Inc

- Vice Chair; Treasurer / Finance Committee
- ashter2000@gmail.com



Margie Hanna, Czuba Enterprises

- Member - Finance Committee
- m_hanna@yahoo.com



Ned LeMaster, DuPont

- Secretary; Technical Program – Webinars
- ned.e.lemaster@dupont.com



Maureen Reitman, Exponent

- Member – Technical Program Committee & Awards Committee
- mreitman@exponent.com



Amin Sedighiamiri, AstraZeneca

- MPD Technical Program Committee
- am.sadighi@gmail.com

MEET YOUR SPE MPD BOARD OF DIRECTORS

MPD Board Members with Term Expiring in 2022



Jennifer Hoffman, EAG Laboratories

- Membership Committee
- jmchoff@gmail.com



Anil Mahapatro, Wichita State University

- Technical Program & Awards Committees
- Anil.Mahapatro@wichita.edu



Victoria Nawaby, Patina Solutions

- Education Committee co-Chair
- nawabyv@hotmail.com



Bhavin Shah, Tephra

- Finance Committee Chair
- shah@tepha.com



Michael Wallick, Invibio

- Awards Committee co-Chair
- mwallick@invibio.com

MEET YOUR SPE MPD BOARD OF DIRECTORS



Vipul Davé, Johnson & Johnson

- Division Chair
- VDave1@its.jnj.com



Pierre Moulinié, Covestro

- Past Chair
- pierre.moulinie@covestro.com



Len Czuba, Czuba Enterprises

- Councilor
- LCzuba@CzubaEnterprises.com



Kathy Schacht, SPE

- SPE Liaison
- kschacht@4spe.org

Are you interested in volunteering for the BOD?

Please email Vipul Davé
VDave1@its.jnj.com

MEDICAL PLASTICS DIVISION COMMITTEES

Division Chair Vipul Davé ('20)		Past Chair Pierre Moulinié ('22) <ul style="list-style-type: none"> • Awards Committee Oversight • Assistant Treasurer • Nominating Committee
Treasurer Ali Ashter ('21) <ul style="list-style-type: none"> • Education Committee Oversight • Membership Committee Oversight 	Secretary Ned LeMaster ('21)	Councilor Len Czuba ('21)
Education Committee <ul style="list-style-type: none"> • co-Chair: Pierre Moulinié ('22) • co-Chair: Victoria Nawaby ('22) 	Communications Committee Chair: Louis Somlai ('20) <ul style="list-style-type: none"> • Newsletter: Louis Somlai ('20) • Marketing & Outreach: Suneel Bandi • Website: Louis Somlai ('20) & Ned LeMaster ('21) • Historian: Len Czuba; Glenn Beall (Emeritus) 	Membership Committee <ul style="list-style-type: none"> • Chair: Ravi Ayyar ('20) • Members: Ed Fewkes, Jennifer Hoffman
Awards Committee <ul style="list-style-type: none"> • co-Chair: Michael Wallick ('22) • co-Chair: Ravishankar Ayyar ('20) • Member: Anil Mahapatro ('22) 	Finance Committee Chair: Bhavin Shah ('22) <ul style="list-style-type: none"> • Treasurer: Ali Ashter ('21) • MPD Chair: Vipul Davé ('19) • Ass't Treasurer: Pierre Moulinié ('22) • Members: Margie Hanna ('21); 	<ul style="list-style-type: none"> • Technical Programing Committee • co-Chair: Ajay Padsalgikar ('20); • co-Chair: Amin Sedighiamiri ('21) • Members: Vipul Dave ('20), Maureen Reitman ('21); Suneel Bandi, ('19); Anil Mahapatro ('22); • Webinars & MiniTec Lead: Ned LeMaster ('21)

Are you interested in volunteering for the BOD?

Please email Vipul Davé
VDave1@its.jnj.com

SPE MPD BY-LAWS REFRESH COMMITTEE



Charter



Bylaws



Policies



Procedures



Parliamentary
Procedure

At ANTEC 2019, a Leadership Roundtable organized by SPE Pat Farrey for Division Board Members reviewed obligations required by Divisions as well as elected board members. This training session included reading material to help Board of Directors better understand how to serve in leadership roles in non-profit organizations.

Those in attendance felt strongly that it was time for the MPD Board of Directors to re-examine our division By-Laws & kicked off an ad-hoc committee to do a comprehensive review of our MPD existing bylaws & propose amendments or changes, as appropriate.

The ad-hoc committee is composed of Pierre Moulinie (Covestro), Len Czuba (Czuba Enterprises), Maureen Reitman (Exponent), and Louis Somlai (Eli Lilly).



The committee is making excellent progress and is on track to propose a substantive re-write and update to the Board of Directors for consideration by the Membership by the end of 4Q2019

NEWSLETTER EDITOR

GREETINGS FROM THE NEWSLETTER EDITOR



Greetings fellow MPD Members!

Welcome to the latest edition of our award winning newsletter! I appreciate your efforts to help me improve this communication tool; please send feedback my way: somlai_louis@lilly.com

As promised in my 2Q2019 newsletter, this edition of the MPD newsletter is dedicated to a complete overview of ANTEC 2019 – What an event!

My visit started off Sunday afternoon at the SPE Leadership Roundtable, an educational working session put on by the leadership of SPE. There we covered a series of topics about the SPE, how to structure and run a viable division, and many more tips. That working session motivated several on the MPD BOD to begin the by-laws refresh that you will be hearing about in the 4Q2019 (we're almost done!).

The MPD technical sessions were held in the Duluth ballroom on Monday. The TPC lived up to the challenge and put together a fantastic technical program on early in the week that focused on the themes of "Materials for Medical Applications" and "Processing for Medical Applications". Check out the photos in our ANTEC section!

We are seeking SPE MPD members in good standing who might be interested in serving on specific committees (finance, education, membership, and awards); if interested, please reach out directly to me (somlai_louis@lilly.com).

As always, your board has recognized the need to increase sponsorship for the division. If you are aware of a firm or organization that would benefit from advertising in our newsletter please let them and me know.

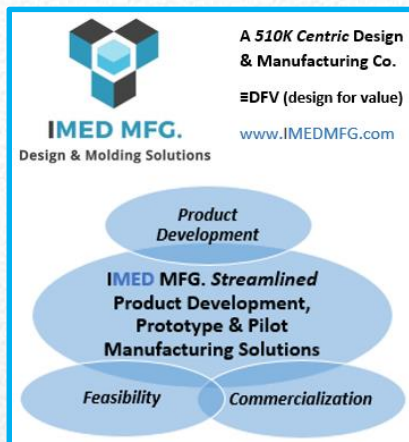
Best regards,

Louis

Newsletter Suggestions? Interested in Sponsorship?

Please email Louis Somlai
somlai_louis@lilly.com

MPD NEWSLETTER SPONSORS



**Please welcome IMED Manufacturing
our newest SPE MPD newsletter sponsor!**

<http://www.imedmfg.com/>



Newsletter Suggestions? Want to Advertise?

Please email Louis Somlai
somlai_louis@lilly.com



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by medical **Makrolon®**

#PushingBoundaries



**Please welcome Covestro
our newest SPE MPD newsletter sponsor!**
<http://www.covestro.com/>

MORE THAN MATERIALS

A wireframe illustration of medical equipment, including a mobile cart with drawers and a large table on wheels, set against a dark blue background with a grid pattern.

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to marketplace.**

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PolyOne

MPD NEWSLETTER SPONSORSHIPS

Sponsors...

We are seeking Sponsor Display Ads for our Award-winning Division Newsletter! To show your support of the Society of Plastics Engineers and in particular, the Medical Plastics Division, please consider taking part in this important communication support effort.

Sizes Available	(Remaining year amount, 1 issues – special pricing)		
	<i>Full page (8.5"x11")</i>	\$625	75% off!
	<i>Half page (4.3"x5.5")</i>	\$375	75% off!
	<i>Quarter page (2.1"x2.8")</i>	\$200	75% off!
	<i>Eighth page (1.1"x1.4")</i>	\$100	75% off!

The newsletter, as scheduled, is prepared and circulated **three times per year** (*plus the occasional 4th or bonus issue*). Every Medical Plastics Division member receives a copy emailed directly to their listed address. Additional copies are also circulated (via the Chain) in our continuing effort to reach new and prospective members and other interested individuals.

To show your support please contact Louis Somlai at 317.209.4719 (email: somlai_louis@lilly.com).

Thank-you for your support!

Newsletter Suggestions? Want to Advertise?

Please email Louis Somlai
somlai_louis@lilly.com

COUNCILOR'S REPORT



Medical Plastics Division Councilor Report

Dear Fellow Medical Plastics Division members,

There has been little Council activity within the general Council since our last meeting however this is now the time that the traditional SPE operating year comes to an end and the start of the new year is 01 July 2019. Leadership rosters should have been submitted and both membership numbers and financial updates prepared. And at this time, the leadership of all divisions is being asked for their annual goals for the division and an update of the 3 to 5 year plan.

ANTEC 2020 in San Antonio is once again earlier than in previous years. It is scheduled for the week of 30 March 2020. This means that planning the technical program for has already started and deadlines for speakers, awards and nominations has all been pushed up earlier than many of us are used to in the schedule.

Finally, the very successful MiniTec held in Anaheim this year on 04 February 2019 has led the technical programming committee to agree to hold our 3rd MiniTec with the Southern California Section on Monday, 10 February 2020 the week of the MDM West 2020 Conference & Expo. The MPD MiniTec TPC subcommittee is well underway in the planning of this event and we look forward to seeing you there!

Our next Council meeting is scheduled for mid-November in Connecticut. I welcome your feedback, comments or questions.

Regards,

Len Czuba

Distinguished, Honored Service Fellow of SPE

MPD Councilor 2015 - 2021

Past SPE President 2005 - 2006

TREASURER'S REPORT



TREASURER'S REPORT – Ali Ashter Last Updated 17OCT2019

Balance as of July 19, 2019

\$ 27,253.96

INCOME

Income Type	Amount
2019 2Q Chapter Dues	\$ 530.00
TOTAL INCOME	\$ 530.00

EXPENSE

Expense Type	Amount
TOTAL EXPENSE	\$ -

FUNDS AVAILABLE AS OF October 17, 2019

\$ 27,783.96

Do you have questions about the Treasurer Report?

Please email Ali Ashter
ashter2000@gmail.com

SPE MPD WEBINARS

The Medical Plastics Division and Webinar Team plans to host a series of webinars during 2019, with a goal of at least three to four. Some of the topics in consideration include: Advances in Medical Tubing Materials, Drug Delivery and Implantable Materials, Materials for Excipient Release, Relevant Changes in Regulatory Directives, Biodegradable & Resorbable Polymers in Med Device, Best Practices for Introduction of New Polymers in Med Device, Speed to Market through Improved Development, and Advances in Friction Reducing Materials. We are even considering a series on project management.

We welcome your interest to participate, as well as suggestions for topics and/or speakers. Please contact the MPD Webinar team:

Pierre Moulinié (pierre.moulinie@covestro.com),

Victoria Nawaby (nawabyv@hotmail.com)

Ned LeMaster (ned.e.lemaster@dupont.com)



ANTEC 2019

Check out what you missed...



L→R: Margie Hanna, Len Czuba, Maureen Reitman



Len Czuba accepting “SPE Fellow of the Society Award” on behalf of Dr. Thomas W Haas from SPE President Brian Grady

ANTEC 2019

Check out what you missed...



Leadership Roundtable L→R: Pat Farrey and Stephanie Clark (who sold almost \$700k in exhibitor space at the expo area and single-handedly helped make ANTEC a big money maker!)

Check out what you missed...



Leadership Roundtable L→R: Amin Sedighiamiri, Ravi Ayyar, Anil Mahapatro, and Victoria Nawaby

Check out what you missed...



Leadership Roundtable: Anil Mahapatro, and Victoria Nawaby (on the right)



Leadership Roundtable L→R: Erik Foltz, Amin Sedighiamiri, Jeffrey Jansen, and Jason Lyons

Check out what you missed...



Leadership Roundtable L→R: Conor Carlin, Ned LeMaster, and Jeremy Dworshak

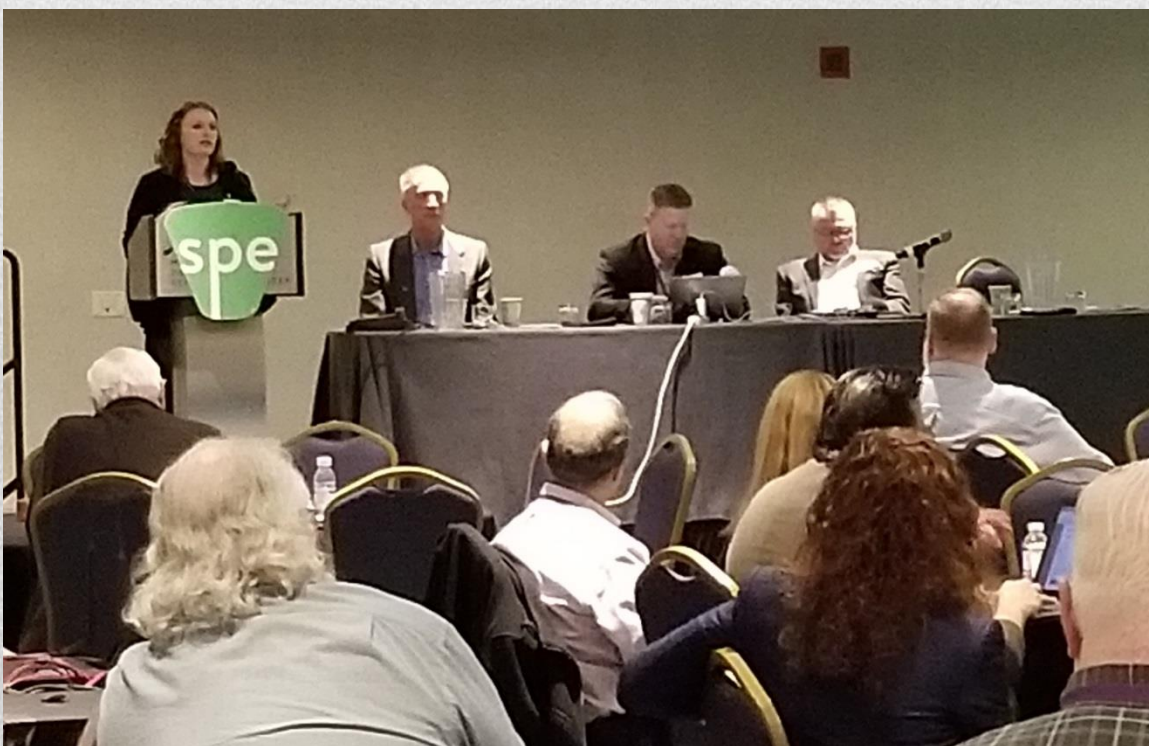


Leadership Roundtable L→R: Ravi Ayyar, Ali Ashter, Jennifer Hoffman, and Louis Somlai

Check out what you missed...



Leadership Roundtable Panel Discussion



Leadership Roundtable Panel Discussion

Check out what you missed...



Leadership Round Table (L→R): Margie Hanna, Len Czuba, Vipul Davé, Jeremy Dworshak, Ned LeMaster, and SPE CEO Pat Farrey



MPD Past Chair's Breakfast (L→R): Vipul Davé, Len Czuba, Glenn Beall, and Pierre Moulinié (designed to help the current chair understand the job and share suggestions)

Check out what you missed...



SPE MPD Board of Directors Group Photo – Renaissance Center



SPE MPD Board of Directors Dinner – Andiamo Riverfront

Check out what you missed...



BOD Dinner (L→R): Ravi Ayyar and Jennifer Hoffman



BOD Dinner (L→R): Ned LeMaster, Anil Mahapatro, and Amin Sedighiamiri

Check out what you missed...



BOD Dinner (L→R): Margie Hanna, Victoria Nawaby, and Louis Somlai



BOD Dinner (L→R): Vipul Davé, Suneel Bandi, and Pierre Moulinié

Check out what you missed...



Group Photo (L→R): Vipul Davé, Bonnie Bachman, Glenn Beall, Maggie Baumann, and Margie Hanna



New Technology Forum (planned by Maggie Baumann, Maureen Reitman, and Len Czuba; the theme was to consider how the SPE could help address the current crisis of “Ocean Plastics”)

Check out what you missed...



MPD Technical Session: A great crowd listening to a fantastic technical seminar from Rob Klein (Stress Engineering Services)



Brian Young, Asst Professor of Engineering at Penn State Behrend (2nd from left) is the lead member of the Student Activities at ANTEC Committee who coordinated the poster session and was announcing the winners who would be getting award money. He was flanked by some of the student winners.

Check out what you missed...



New Technology Forum: Sandra Lewis from Envision Plastics presenting ideas for intercepting plastics (called marine debris)



New Technology Forum: Tom Sprehe from KCI Technologies further expanding on the concepts of intercepting plastics in our waterways before it ever gets to the oceans

Check out what you missed...



Monday evening reception sponsored by SPE & the Detroit Section. It was held at a local pub called "Punch Bowl Social". It was open to all ANTEC attendees and was a great time!



Speaker Award Presentation L→R: Suneel giving Anil a "Thank you" certificate for participating as a last minute ANTEC speaker

ANTEC 2019

Check out what you missed...



David Kusuma from Tupperware Inc. is being interviewed by NGAB committee members Lynzie Nebel and Mercedes Landazuri at the live podcast called PlastChicks - The Voices of Resin



MPD Boardmember Margie Hanna (right) with SPE Director, Member Experience, Sue Wojnicki (left)

ANTEC 2019 – MPD THANK YOU!

Check out what you missed...

Good Afternoon,

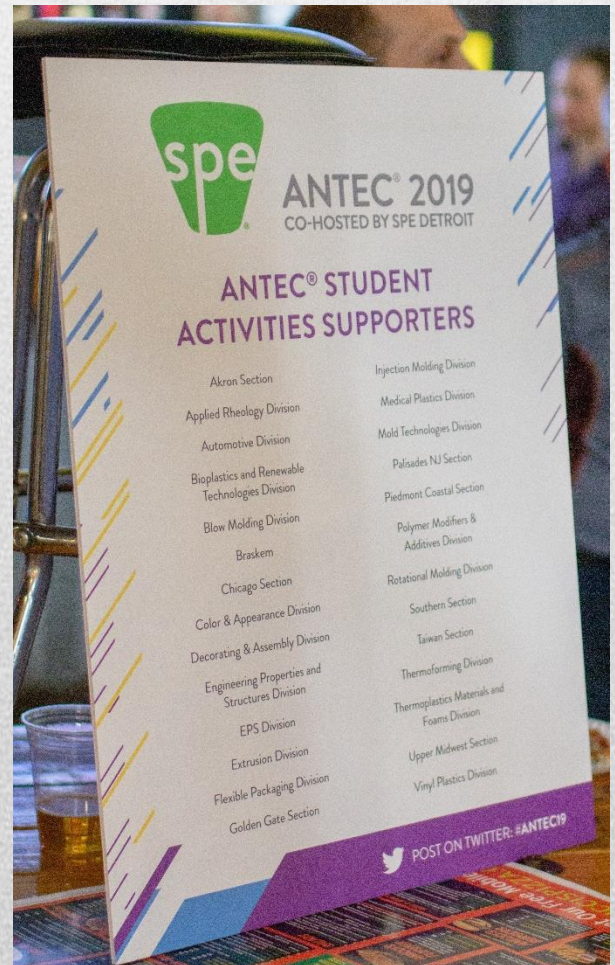
I want to thank you again for your Chapter's donation to ANTEC 2019 Student Activities.

Your donation enabled SPE to support more students and offer fun, interactive events for them. I attached a couple pictures from our Fowling Event that you may want to use for social media or other types of marketing.

Please keep ANTEC 2020 Student Activities in mind as you develop your 2020 Chapter budgets.

Thank you again and have a great day!

Stephanie Clark, CEM
Senior Director, Sales & Advertising
SPE – Inspiring Plastics Professionals



ANTEC 2019 – MPD THANK YOU!

Check out what you missed...



The MPD provided financial support to the Student Activities at ANTEC this year.

Part of the funding went to one of the fun activities (Fowling = football + bowling) they planned for the young members and the pictures enclosed were taken at that event.



UPCOMING EVENTS: MINITEC 2020



MEDICAL PLASTICS MINITEC

Anaheim, California • February 10, 2020

Presented by SPE Medical Plastics Division and
SPE Southern California Section



EMERGING MATERIALS AND TECHNOLOGIES IN MEDICAL DEVICES

Monday, February 10, 2020

Sheraton Park Hotel at
the Convention Center
1855 S Harbor Blvd
Anaheim, CA 92802

Schedule of Events:

7 – 7:30 am
Registration and
Continental Breakfast

7:30 – 8 am
Keynote Speaker

8 am – 6 pm
Tabletop Exhibition

8 am – 4:30 pm
All Day MiniTec
(Lunch and Breaks Included)

4:30 – 6 pm
Cocktail Reception and
Poster Session
(Included in Registration)

Register to Attend:

Member (Advanced): \$150
Member (On-site): \$195
Non-Member (Advanced): \$250
Non-Member (On-site): \$300

Info & Online Registration:
www.4spe.org/MedPlasticsMinitec

*A one day conference where 15 presentations from the industry
will discuss the latest developments in the area of medical plastics.*

Keynote Speaker
Maureen Reitman – Exponent

I. MATERIAL SELECTION CONSIDERATIONS WITH REGULATORY CHANGES

EU MDR Compliance for Medical Devices and the
Road towards the Adaptation of Medical Grade
Material Selection
Jacqueline Anim – Ethicon (IN)

How will the new EU Medical Device Regulation
(MDR) Affect Material Selection in Medical Device
and Packaging?
Tina Barrett – Eastman Chemical Company

II. ADVANCES IN MATERIAL SCIENCE

Beyond the Datasheet - Maximizing the Value Your
Material Supplier Can Bring to Your Combination
Drug Delivery Device Design for Precision Friction
Performance
Don DeMello – Celanese

Variables Affecting Coefficient of Friction Testing
in Lubricious Polycarbonate Resins for Medical
Applications
Cheryl Weckle – Trinseo LLC

Reducing the Impact of Hydrolysis of PEBA and
TPU-based Radiopaque Materials
Selvaanish Selvam – Clariant

III. SIMULATION & SCALE UP

Scale-up of Polymer/Active Pharmaceutical Ingredients
(APIs) Compounds via Twin Screw Extrusion
Charlie Martin – Leistritz Extrusion

Application of Simulation Towards Process
Development, Optimization and Troubleshooting
John Perdikioulas – COMPUPLAST Intl. Inc.

IV. CHANGE MANAGEMENT IN A DYNAMIC REGULATORY CLIMATE – Lunch Session

The Change and Certification of Materials in
Medical Devices Resource Guide
George M. Southworth – Plastics Industry Association

V. INNOVATIONS IN MANUFACTURING TECHNOLOGY & NOVEL TECHNOLOGIES FOR PROCESSING

Merging of Processing Technologies for High
Quality Healthcare Devices
Isaac Platte – Covestro

Paste Extrusion, Expansion, and Functionalization
of Expanded Polytetrafluoroethylene (ePTFE) for
Blood Vessel Grafts
Tom Turng – University of Wisconsin-Madison

Point of Care 3D Printing of PEEK for Orthopedic
Applications
Steve Kurtz – Exponent Inc. & Drexel University

VI. VALUE ADDED & POST PROCESSING OPERATIONS

New Technology Advancements in Plastic Welding
to Support Medical Device Manufacturers
Alex Savitskiy, Ph.D. – Advanced Technologies

Medium Voltage Electron Beams for The
Sterilization of Medical Devices – An Alternative for
the Medical Device Industry
Gustavo H. C. Varca, B. Pharm, PhD. – E-BEAM Services, Inc.

VII. END OF LIFE/CIRCULAR ECONOMY

Reprocessing of Multi-Use Medical Devices: Impact of
Cleaning, Disinfection, and Sterilization (CDS) on Polymer
Properties; and Impact of Polymers on CDS Efficacy
Rob Klein – Stress Engineering

Upcycling Single-use PET Plastic Waste into Durable
Materials for Medical Devices
Manish Nandi – SABIC

Reception and Poster Session
(Includes Cocktails and Hors d'oeuvres)

Conference Co-Chairs:

Ned LeMaster, DuPont & Ashley Spittle, Azelis Americas CASE

Moderators:

Len Czuba, Czuba Enterprises, Inc. & Ned LeMaster, DuPont

TABLETOP EXHIBITOR OPPORTUNITIES AVAILABLE Showcase Your Company!

- Registration Fee - \$750
- Registration includes 1 admission
- Company name recognition published
in promotions and on event signage!

SPONSOR OPPORTUNITIES AVAILABLE

Company Name Recognition published in
promotions and displayed on signage!

- Corporate: \$1000 (includes 2 admissions)
- Lunch Sponsor: \$500 (2 available)
- Breakfast Sponsor: \$400 (2 available)
- Reception Sponsor: \$300 (2 available)
- Break Sponsor: \$100 (6 available)

Contact: Ned LeMaster
p: 608-402-3268 e: ned.e.lemaster@dupont.com

Ashley Spittle
p: 562-217-1377 e: aprice1208@gmail.com

UPCOMING EVENTS: ANTEC 2020



ANTEC® 2020
San Antonio, TX • March 30-April 2, 2020

[About](#)[Agenda](#)[Exhibitors & Sponsors](#)[Resources](#)

THE ANNUAL TECHNICAL CONFERENCE FOR PLASTICS PROFESSIONALS

Location

Marriott Rivercenter

101 Bowie Street

San Antonio, TX 78205

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Today's Ideas at ANTEC® are Tomorrow's Innovations in Plastics

ANTEC® 2020, produced by SPE-Inspiring Plastics Professionals, is the largest, most respected and well-known technical conference in the plastics industry. It's where classroom theory connects with real world solutions.

Why should you attend?

ANTEC® 2020 represents the ideas, research and trends shaping our plastics industry. 420+ technical and business papers, including sessions and panel discussions focused on the biggest questions being asked in the plastics community today — complete with networking, student and young professional events and exhibitor receptions.

Who Should Attend?

SPE is comprised of 22,500+ members, all from diverse backgrounds and careers — ANTEC® is no different. Managers, engineers, R&D scientists, technicians, sales & marketing associates, executives, academics and students are all invited to enhance their career in plastics through this networking and knowledge sharing event.

The MPD TPC welcomes you to submit an abstract

For more information, please email Amin Sedighiamiri
am.sadighi@gmail.com