

**Society of Plastics Engineers
Medical Plastics Division Presents
MEDICAL PLASTICS MINITEC 2021**



“Saving the World through Medical Plastics and Sustainable Solutions”

For the first time, the Society of Plastics Engineers – Medical Plastics Division, will host its annual MiniTec program as part of the medical conference at the Informa Market’s Engineering West event!

The world has had to react to the global pandemic causing major disruption to life in general these past 18 months. Companies involved with healthcare have responded by converting their manufacturing operations from normal production operations to finding ways to support the effort to deal with the pandemic emergency. All this is going on while another major global movement has been responding to the plastic wastes in the environment and focusing efforts on sustainability. As we slowly emerge from this health crisis, join us for a full-day program that offers new solutions in materials, processing and putting a special focus on sustainability.

Topics include:

- New TPU chemistry that can be used to deliver pharmaceuticals or for superior implantables
- The use of chemistry in polymers designed for sustainability and the circular economy
- Processing techniques to mix & extrude while minimizing degradation even for recycled materials
- New techniques for injection molding to minimize costs & reduce the time to market
- A look at the latest regulatory phase of new device development & dealing with risk

A Working Lunch-Time Panel on Sustainability!

Also featured will be a lunchtime panel discussion where four recognized industry leaders will present action plans for companies to begin to immediately implement as we all work toward becoming a circular economy and more environmentally responsible!

Poster Sessions

In addition to this technical program from the podium, this MiniTec will feature a poster session with additional presentations unable to be squeezed into the live program. These posters will be on display in the upper level hallway between the escalators and the conference rooms. The posters will be displayed throughout the conference program, on both days! Make sure you take time to view this work!

Keynote

A special keynote speaker will kick off the day! These live technical presentations combined with a rousing lunchtime panel discussion and poster offerings will make this a must-attend event! We look forward to seeing you and your colleagues there! Don’t miss it!

To register: click here: <https://na.eventscloud.com/ereg/index.php?eventid=576967&categoryid=3833460>

Society of Plastics Engineers
Medical Plastics Division Presents
MEDICAL PLASTICS MINITEC 2021



***“Saving the World through Medical Plastics
and Sustainable Solutions”***

**Tuesday,
August 10, 2021**

**MD&M West at
Anaheim Convention
Center Upper Level
West Katella Ave
Anaheim, CA 92802**

Schedule of Events:

7:30am – 8am
Registration & Poster Setup

8am – 9am
Welcome & Keynote Speaker

8am – 6pm (& all week of show)
Poster Exhibition

8am – 5pm
All Day MiniTec
(Lunch and Breaks Included)

5:00pm – 6:00pm
Reception and Poster Session
(Included in Registration)

Registration to Attend:
Will be managed by Informa for
all conference attendees

Info & Online Registration:
<https://www.mdmwest.com/en/attend/conference.html>

Contact Information:
Ned LeMaster
Phone: 608-402-3268
E-mail: ned.e.lemaster@dupont.com

or

Len Czuba
Phone: 630-627-9242
E-mail:
lczuba@czubaenterprises.com

*A one-day conference where 12 presentations from the industry
will discuss the latest developments in the area of medical plastics.*

Conference Co-Chairs & Moderators: Ned LeMaster; DuPont &
Len Czuba; Czuba Enterprises, Inc.

Keynote Speaker

Vicki Carr-Brendel – GVP Cochlear Implants of
Sonova and President of Advanced Bionics

I. IMPLANTABLES AND WEARABLES

**Polyurethanes used as Excipients to control
the release of Active Pharmaceutical
Ingredients (APIs)**

Anthony Walder – Lubrizol, Inc.

**The Influence of Polyurethane Chemistry
and Microstructure on Surface Phenomena
and Their Role in Implantable Applications**
Ajay Padsalgikar – DSM Biomedical

Wearable Device Skin Patches that Stay Put
Joanne Moody – Zeta Scientific LLC

II. SUSTAINABILITY

**Medical Packaging and the Circular
Economy**
Andrew Green – Eastman Chemical Company

**Hostaform® MT® POM ECO-B Co-Polymer -
Proven, Versatile and Environmentally
Sustainable**
Rob Haley – Celanese

**Embracing Sustainability in the Healthcare
Sector**
Michelle Irvine – Trinseo, LLC

III. SUSTAINABILITY PANEL

Allison Lin – VP Procurement & Sustainability,
Westfall Technik, Inc.
Peylina Chu – Executive Director, Healthcare
Plastics Recycling Council & VP Antea Group
Koen Janssen – VP Innovation, R&D and
Sustainability - DSM Biomedica

SPE MPD Memberships will be accepted.

Name Recognition, Extensive Network
Access to Extensive Library of Publications
and Friends from around the World!

IV. NEW PROCESSING TECHNOLOGY

**Managing Melt Temperature (and
Avoiding Degradation) in a Twin Screw
Extruder**

Charlie Martin – Leistritz Extrusion

**Freeform Injection Molding – the
Ultimate Medtech Development Platform**
Carsten Jarfelt – AddiFab ApS

**Manufacturing of Micro Medical Parts
without Cold Runners**
Vijay Kudchadkar – Westfall-Technik, Inc.

**V. REGULATORY AFFAIRS (DURING A
GLOBAL PANDEMIC)**

**Reverse Engineering of a COVID-19
Testing Swab**
Christian Herrild – Teel Plastics

**Focus on the Latest Regulatory and Risk
Management Requirements for Medical
Plastics**
Vinny Sastri – Winovia LLC

**The Transition to Single-Use-Systems
for Bio-Pharmaceuticals Manufacturing**
Len Czuba – Czuba Enterprises, Inc.

Reception and Poster Session

**POSTER SESSION
OPPORTUNITIES AVAILABLE**

Calling All Poster Presenters!
4' x 3' Poster to be on display entirety of
MD&M West Event.

Complimentary access to MiniTec event
available, but poster presenters need not
be present to have poster on display.
Proposed poster title due by 6-11-2021,
and digital copy due by 7-9-2021.
Poster selection and communication to
presenters by 7-16-2021.

*For questions and guidance on posters
please contact conference co-chairs.*