

# Medical Polymers - Improving the Quality of Life

*Trends in Materials, Design, Manufacturing, Sustainability, Sterilization, and Safety*

**Monday,  
February 2, 2026**

MD&M West  
Anaheim Convention Center  
Room 201 A,B,C&D  
801 West Katella Ave  
Anaheim, CA 92802

## Schedule of Events:

7:30am – 7:50am  
Registration & Poster Setup  
  
8:00am – 7:30pm  
Poster Exhibition  
  
8:50am  
Welcome by Ned LeMaster  
  
9:00am – 5:20pm  
All Day – SPE MiniTec Day 1  
(Lunch and Breaks Included)  
  
5:20pm – 7:30pm  
Membership Reception – meet  
Poster Presenters & Exhibitors  
(Included in Registration)

**Registration to Attend** will be  
managed by Informa for all  
conference attendees

**Info & Online Registration:**  
[SPE/MPD's MiniTec | IME West \(imeengineeringwest.com\)](http://SPE/MPD's MiniTec | IME West (imeengineeringwest.com))

**Contact Information:**  
Trisha Costeux  
989-423-9758  
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**Sponsorships:**  
Chris Konitzer  
708-951-6014  
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or  
  
Chris Lyons  
510-673-3702  
[clyons@exponent.com](mailto:clyons@exponent.com)

Conference Chair - Trisha Costeux, DuPont

**Keynote Speaker Glenn Svedberg, Nolato**

(8:55am– 10:40am)

(1:25pm – 2:25pm)

**1. Innovative Process and Control –  
Moderated by Vipul Dave**

**Accelerating Microfluidics: 3D Features  
Beyond Lithography** Domenico Foglia –  
NanoVoxel GmbH

**Ensuring Fatigue Resistance of Polymer  
Welds for Medtech** Jeff Ellis – EWI

**Innovative Approaches to High-Performance  
Polymer Processing and Simulation** James  
Hicks and Elisa Irick – Syensqo

**Unmasking the Spectrum: Investigating Color  
Changes in Medical Device** Becky Bader–  
Cambridge Polymer Group

(10:55am – 11:45am)

**2. E&L in Medical Materials and Devices –  
Moderated by Trisha Costeux**

**The Role of Sterilization Method in Shaping  
Extractables and Leachables from Medical  
Device Polymers** Md Kamrul Hasan/ – Pacific  
Northwest National Laboratory

**False Positive Results in Media Studies** Robert  
States – Cormica

(Lunch and Panel 12:00pm – 1:10pm)

**3. Advanced Medical Polymers – Moderated by  
Len Czuba**

**Next Gen Radiation Sterilizable High  
Transparency Low Haze Acrylic Compounds**  
Renlong Gao/Tongzhai Gao – Roehm

**Advanced Plastics Solutions for Next-  
Generation Therapeutic Delivery Systems**  
Alison Skelley – Cormica

**Value Add of Fully Formulated Colored  
Polymers in Today's Medical Devices** Kent  
Miller– Celanese

**Reducing Friction and Wear in Medical Device  
Plastics: Tribologically modified Ultraform®  
POM** Pri Carter – BASF

**Polyolefin Elastomers Help to Enhance  
Resistance to Gamma Sterilization** Jason  
Mann–ExxonMobil

**4. Featured Keynote Presentation  
Moderated by Prof Davide Masato**

**EcoDesign considerations and CO2 reduction  
for Medical Devices** Glenn Svedberg – Nolato

(2:35pm – 3:25pm)

**5. Accelerated Testing – Moderated by Tom  
Meehan**

**Predicting Creep Performance of Spring-  
Loaded Parts in Drug Delivery Devices** Ram  
Ratnagiri/Liz Stubbs – Delrin USA LLC

**Factors that Influence Accelerated Aging of  
Polycarbonates** Paul Nowatzki – Covestro

(3:40pm – 5:20pm)

**6. Advanced Medical Polymers – Moderated by  
Ned LeMaster**

**The Role of Polymeric Membranes in  
Biosensors** Ajay D Padsalgikar – Biolinq Inc

**Tailored polymeric compounds with controlled  
electrical properties for 'Smart Medical  
Devices'** Nikhil Patil – Foster LLC

**Novel Thermoplastic Polyurethane with  
Enhanced Biostability** Kristen Rohm/Amanda  
Swaseyr – Lubrizol

**Single-Use Elastomer Product Design for Fluid  
Managements in the Biopharmaceutical  
Process** Trisha Costeux – Dupont

(Move to Reception 201 A&B)

(5:20pm – 7:30pm)

**Reception and Poster Session – Moderated by  
Joanne Moody**

**Join us at 5:20pm  
for our New Member Reception!  
Enjoy a Beverage & Snack  
Meet Poster Presenters  
Visit Exhibitors**

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**Tuesday,  
February 3, 2026**

MD&M West  
Anaheim Convention Center  
Room 201 C&D  
801 West Katella Ave  
Anaheim, CA 92802

## Schedule of Events:

8:30am – 9:00am  
Coffee and Refreshments  
3rd Floor Ballroom

9:00am – 10:00am  
Informa Welcome & Keynote  
3rd Floor Ballroom

9:00am – 5:00pm  
(& all week of show)  
Poster Exhibition

10:15am – 3:30pm  
All Day – SPE MiniTec Day 2  
(Lunch and Breaks Included)

3:25pm  
Closing Remarks and Farewell

**Registration to Attend** will be  
managed by Informa for all  
conference attendees

**Info & Online Registration:**  
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Conference Chair  
Trisha Costeux | DuPont

(9:00am – 10:00am)

### Informa Welcome & Keynote Presentation

(Break 10:00am – 10:15am)

(10:15am – 11:55am)

### 7. Design of Novel Medical Products – Moderated by Rob Klein

**Novel Zwitterionic Surface Treatment Resists  
Device-related Complications** Brian McVerry –  
Silq Technologies, UCLA

**Navigating the Transition from PTFE: Non-  
Fluorinated Alternatives for Lubricity in  
Medical Devices** Greg Teh – jMedtech

**Tunable Membranes for Multianalyte Sensing**  
Andre Martinez – DSM-Firmenich

**Challenges in Polymer Selection for  
Women's Health Applications** Kate J. Stephenson – Cern Corp /Heath Bowman –  
Vasisi Medica

(Lunch & Panel 12:10pm – 1:20pm)

### 8. Sustainability - PFAS Replacement/ Solutions – Moderated by Len Czuba

**Medical Grade Polymers for Non-Implantable  
Applications** Scott Taylor – Poly-Med, Inc.

**Advancing PVC-Free Medical Tubing**  
Aparajita Bhattacharya – Kraton Corporation

**Changing Regulation and PFAS Free  
Alternatives** Robert Krieger – Americhem

**Transforming Catheter Manufacturing with  
GlideTech™ Formulation** Fred Birkel –  
Lubrizol / Jamie Orr – Avient

**Fluoropolymer Alternatives for Catheter  
Liners** Nathan Doyle – Compounding Solutions

(1:35pm – 2:25pm)

### 9. Sustainable Product Life Cycle and Design

Moderated by Trisha Costeux

**Packaging as a Scope 3 Reduction Lever** Chris Schmidt – LyondellBasell

**From Polymer to Patient Safety** Tom Meehan – Eastman

(Break 2:25pm – 2:35 pm)

(2:35pm – 3:25pm)

**Advancing Sustainability in Healthcare:  
Material Innovations and Design Strategies for  
Medical Devices** Natalie Dragunat – Syensqo

**No-Change, Big Impact: Transitioning to  
Renewable-Feedstock Bormed™ in Healthcare**  
Amel Murgic – Borealis Polymers

(3:25pm – 3:30pm)

### **Closing Remarks and Farewell**

#### **SPECIAL THANKS TO OUR SPONSORS!**

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