



Medical Polymers Innovations, Challenges, and Opportunities

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

Online Registration: <https://xpressreg.net/register/mdmm1025/landing.asp>

October 21, 2025 - Schedule of Events:

8AM REGISTRATION & POSTER SETUP

9AM - 5:30PM MINITEC PROGRAM

9-11:15 AM MORNING SESSIONS

- Nathan Doyle, Compounding Solutions - **Fluoropolymer Alternatives for Catheter Liners**
- Wei Zheng, University of Wisconsin-Stout - **Design and Fabrication of an ASTM-Standardized System for Testing the Biodegradability of Sustainable Materials**
- Erik Foltz, Madison Group - **Moving Cooling Optimization Forward: Design, Modeling & Case Studies to Improve Part Quality & Cycle Time**

12-1:15 PM LUNCH & SPE POSTER SESSION

1:15-2 PM KEYNOTE SESSION

- Mark Wehde, Mayo Clinic - **How Technology is Helping Us Reimagine Healthcare**

2:15-5 PM AFTERNOON SESSIONS

- Theresa M. Reineke, University of Minnesota, **Machine Learning Reveals Chemical Features in Polymer Micelles Determines mRNA Binding, In Vitro, and In Vitro Performance and Tropism**
- Heather Baeten, Boston Scientific - **Leveraging Material Characterization Partnerships to Accelerate Failure Investigations and Manufacturing Solutions in Medical Devices**
- Mike Kratochvil, Exponent - **Protein-Plastic Interactions**

4:15-5:30 PM SPE MPD RECEPTION, INDUSTRY NETWORKING & POSTER SESSION

Don't miss the networking. Students invited to join leaders from the industry.