

## Meltblown Technology Short Course Agenda (February 27-29, 2024)

The Nonwovens Institute (NWI)  
Center for Technology and Innovation  
NC State University

### Tuesday, February 27: The Basics

8:00 am	Networking and Light Breakfast	All
8:30 am	Introduction to NWI	Tom Daugherty, NWI; Former P&G
9:00 am	Polymer Primer	Abhay Joijode, Ph.D., Berry Global
10:00 am	Polymer Requirements for Meltblowing	Behnam Pourdeyhimi, Ph.D., NWI
10:45 am	Break	All
11:00 am	Polymer Characterization	Abhay Joijode, Ph.D., Berry Global
12:00 pm	Networking Lunch	All
1:00 pm	Meltblown Products and Markets	Tom Daugherty, NWI; Former P&G
2:00 pm	Meltblown Fabric Test Methods and Procedures	Behnam Pourdeyhimi, Ph.D., NWI
3:00 pm	Polymer Extrusion and Filtration	Benoit Maze, Ph.D., NWI
4:00 pm	Tour of NWI Facilities	Angelo Corino, NWI; Benoit Maze, Ph.D., NWI

### Wednesday, February 28: The Fundamentals

8:00 am	Networking and Light Breakfast	All
8:30 am	The Meltblown Process	Bryan Haynes, Ph.D., Kimberly-Clark
9:30 am	Major Process Components	Bryan Haynes, Ph.D., Kimberly-Clark
10:30 am	Break	All
10:45 am	Meltblowing Dies	Bryan Haynes, Ph.D., Kimberly-Clark
11:30 am	Structure Process Variables	Behnam Pourdeyhimi, Ph.D., NWI
12:00 pm	Networking Lunch	All
1:00 pm	Other Meltblowing Properties	Behnam Pourdeyhimi, Ph.D., NWI
2:00 pm	Co-form and Composites	Benoit Maze, Ph.D., NWI
3:00 pm	Charging Basics	Behnam Pourdeyhimi, Ph.D., NWI; Hooman Tafreshi, Ph.D., NWI
4:00 pm	Meltblown Laboratory Planning and Tour of NWI Analytical Facilities	Angelo Corino, NWI; Natalie Young, NWI
5:30 pm	Reception and Networking	All



## Thursday, February 29: Let's Get It Together

8:00 am	Networking and Light Breakfast	All
8:30 am	Lab Prep and Start-Up	Angelo Corino, NWI; Natalie Young, NWI
9:00 am	Meltblown Lab DOE Discussion	Behnam Pourdeyhimi, Ph.D., NWI
10:00 am	Meltblown Lab DOE Implementation	Angelo Corino/Bradley Scroggins, NWI
12:30 pm	Networking Lunch	All
1:30 pm	Wrap-up and Q&A	Behnam Pourdeyhimi, Ph.D., NWI/All