



Spunbond Technology Short Course Agenda (March 19-21, 2024)

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

Tuesday, March 19: The Basics

8:00 am	Networking and Light Breakfast	All
8:30 am	Introductions and Intro 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 Spunbond	Behnam Pourdeyhimi, Ph.D., NWI
10:45 am	Break	All
11:00 am	Polymer Characterization Critical for Spunbond	Abhay Joijode, Ph.D., Berry Global
12:00 pm	Networking Lunch	
1:00 pm	Spunbond Products and Markets	Tom Daugherty, NWI; Former P&G
2:00 pm	Spunbond 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, March 20: The Fundamentals

8:00 am	Networking and Light Breakfast	All
8:30 am	Fiber Formation and Property Development	Behnam Pourdeyhimi, Ph.D., NWI
9:30 am	The Spunbond Process	Bryan Haynes, Ph.D., Kimberly-Clark
10:30 am	Break	All
10:45 am	Spunbond Process Components	Bryan Haynes, Ph.D., Kimberly-Clark
11:30 am	Winding and Unwinding	Benoit Maze, Ph.D., NWI
12:00 pm	Networking Lunch	All
1:00 pm	Web Uniformity and Inspection	Benoit Maze, Ph.D., NWI
2:00 pm	Bonding Technologies for Spunbond	Behnam Pourdeyhimi, Ph.D., NWI
3:00 pm	Multicomponent Fibers and Their Applications	Behnam Pourdeyhimi, Ph.D., NWI
4:00 pm	Spunbond Laboratory Planning	Angelo Corino, NWI/All
5:30 pm	Reception and Networking	All



Thursday, March 21: 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	Spunbond Lab DOE Discussion	Behnam Pourdeyhimi, Ph.D., NWI
10:00 am	Spunbond 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