



## Fiber and Filament Extrusion Fundamentals

### Agenda

#### Tuesday – Thursday, April 16-18, 2019

The Nonwovens Institute (NWI), NC State University  
1020 Main Campus Drive  
Raleigh, NC 27606

#### Tuesday, April 16

8:30 am	Registration	
9:00 am	Introductions and Class Objectives	Dave Nelson, NWI
9:30 am	Introduction to Polymers	Behnam Pourdeyhimi, NWI
11:00 am	Rheological Properties	Hechmi Hamouda, NWI
12:00 pm	Lunch	
1:00 pm	Polymer Characterization	Abhay Joijode, NWI
3:00 pm	Fiber Extrusion Fundamentals	Don Shiffler, NWI
	Group Dinner - TBD	

#### Wednesday, April 17

8:00 am	Breakfast	
8:30 am	Multi-component Fibers	Behnam Pourdeyhimi, NWI
9:30 am	Fibers & Fibrous Assemblies Characterization	Behnam Pourdeyhimi, NWI
10:30 am	Break	
10:45 am	Crimping and Cutting	Behnam Pourdeyhimi, NWI
11:30 am	Fiber to Nonwoven Fabric Transition	Behnam Pourdeyhimi, NWI
12:30 pm	Lunch	
1:15 pm	Fiber Extrusion Lab	Dave Nelson, NWI

#### Thursday, April 18

8:30 am	Breakfast	
9:00 am	Fiber Processing/Testing	Dave Nelson, Amy Minton, NWI
10:00 am	Break	
10:15 am	Q & A Session	All