Fiber and Filament Extrusion Fundamentals
Agenda

Tuesday – Thursday, April 21-23, 2020
The Nonwovens Institute (NWI), NC State University
1020 Main Campus Drive
Raleigh, NC 27606

Tuesday, April 21

8:30 am  Registration
9:00 am  Introductions and Class Objectives  Dave Nelson, NWI
9:30 am  Introduction to Polymers  Abhay Joijode, NWI
11:00 am  Rheological Properties  Hechmi Hamouda, NWI
12:00 pm  Lunch
1:00 pm  Polymer Characterization  Abhay Joijode, NWI
2:30 pm  Fiber Characterization  Hechmi Hamouda, NWI
3:30 pm  Break
3:45 pm  Fiber Formation & Property Development  Behnam Pourdeyhimi, NWI
6:00 pm  Group Dinner

Wednesday, April 22

8:00 am  Breakfast
8:30 am  Spinning and Processing Operations  Carl Wust, FiberVisions
          of Staple Fiber Production
10:15 am  Break
10:30 am  The Spunbond Process  Behnam Pourdeyhimi, NWI
11:15 am  The Meltblown Process  Behnam Pourdeyhimi, NWI
12:00 pm  Lunch
1:00 pm  Fiber Extrusion Lab  Abhay Joijode and
        Eric Lawrence, NWI
4:30 pm  Lab Review
**Thursday, April 23**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:30 am</td>
<td>Bicomponent Fibers and Non-conventional Fibers</td>
<td>Pierre Grondin, NWI</td>
</tr>
<tr>
<td>10:00 am</td>
<td>Fiber Testing and Analytical Lab Tour</td>
<td>Amy Minton, NWI</td>
</tr>
<tr>
<td>11:30 am</td>
<td>Wrap-up</td>
<td>All NWI</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch</td>
<td></td>
</tr>
</tbody>
</table>