



## TECHNICAL PROGRAM

as of 2.13.18

Track Manager: **Seshadri Ramkumar**, *Texas Tech University*

### Monday, April 16th

**1:30 pm - 3:00 pm -**

#### **N1 - Keynote: State of the Nonwovens Industry**

Session Chair: **Seshadri Ramkumar**, *Texas Tech University*

N1.1 State of the Nonwovens Industry - **David Rouse**, *INDA*

N1.2 The 2018 State of the Specialty Fabrics Industry - **Jeffrey C. Rasmussen**, *Industrial Fabrics Association International*

**3:30 pm - 5:00 pm**

#### **N2 - Technical Textiles**

Session Chair: **Avinav Nandgaonkar**, *Suominen Corporation*

N2.1 Atmospheric Pressure Plasma Treatment of Textiles and Nonwovens - **Rory Wolf**, *ITW Pillar Technologies*

N2.2 Nano-fibrillated Cellulose for Improved Filter Media - **Gurminder Minhas**, *Performance BioFilaments Inc*

N2.3 Comparison of Electrospun Polymers in Delivery of Vancomycin for Spinal Surgical Site Infections - **Sarah Haas**, *Thomas Jefferson University*

**5:00 pm - 6:00 pm**

**NETInc NETworking Happy Hour**

Tuesday, April 17th

7:00am - 8:00am

NET Fiberglass Mat Technology Committee  
NET Fiber Filtration & Separations Committee

8:00 am - 10:00 am

**N3 - Nonwovens 101**

Session Chair: **Seshadri Ramkumar**, *Texas Tech University*

12:00pm – 1:00pm

NET Materials Processing & Characterization Committee  
NET Binders, Additives & Minerals Committee

1:30 pm - 3:00 pm

**N4 - New Developments I**

Session Chair: **Mark Wolfinger**, *Lubrizol*

N4.1 Lab to Life Saving: Commercialization Path for Technical Non-Woven Wipes for Military and First Responders - **Amit Kapoor**, *First Line Technology*

N4.2 Human Centred Approach to Nonwoven Product Innovation - **Matthew Tipper**, *Nonwovens Innovation & Research Institute*

N4.3 The Intersection of Design and Technology - **Brian George**, *Thomas Jefferson University*

3:30 pm - 5:00 pm

**N5 - New Developments II**

Session Chair: **John Jacquin**, *Michelman*

Special Lecture: The Intersection of Innovation and Sustainability - **Raoin Atwood**, *VFC*

N5.1 The Selection and Use of Water-based Dispersions in Latex - **James Finn**, *Akron Dispersions*

N5.2 New & Emerging FR and Bio-Polymer Technologies in Performance Markets - **Edward Gregor**, *Edward C. Gregor & Associates, LLC*

N5.3 Structure and Properties of Nanoparticle Reinforced Elastomeric Nonwoven-based Composites - **Gajanan Bhat**, *University of Georgia*

Wednesday, April 18th

**8:00 am - 10:20 am**

**N6 - Sustainability**

Session Chair: **Brian George**, *Thomas Jefferson University*

- N6.1 Changing the Sustainability Story: Development of Science Based Sustainability Goals and Strategies - **Jesse Daystar**, *Cotton Incorporated*
- N6.2 Our Aging Population: Meeting Needs Respectfully and Profitably: A View of the Global Market for Incontinence Products 2017 - 2030 - **Janet O'Regan**, *Cotton Incorporated*
- N6.3 Soybeans for Nonwovens, Films and Paper - **Robina Hogan**, *Omni Tech International/United Soybean Board*
- N6.4 Sustainable Composite Roofing - **Shana Kaplan**, *Thomas Jefferson University*

**10:30 am - 12:00 pm**

**N7 - Fiber & Process Improvements**

Session Chair: **Gaurav Pranami**, *IM-Bed Biosciences*

- N7.1 Fiber Characteristics and Breathability of Cotton Nonwovens - **Natalia Castillo & Seshadri Ramkumar**, *Texas Tech University*
- N7.2 Use of Nonwoven Materials in Industrial Baghouses - **Rob Eves**, *WL Gore and Associates*
- N7.3 Latest Needling Technologies for Product and Performance Improvements - **Mike Pate**, *Groz-Beckert*

**12:00pm - 1:00pm**

**NET Division Council**

**1:30 pm - 4:00 pm**

**N8 – Tour of Textile Technology Center at Gaston College**

**Poster Sessions**

Session Chair: **Nancy Ross Sutherland**, *USDA FS Forest Products Laboratory*

**Tuesday, April 17th**

**10:00 am-10:30 am - Authors stand by their posters**  
**3:00 pm- 3:30 pm - Authors stand by their posters**