



**RISE® Research, Innovation & Science for Engineered Fabrics Conference Papers
September 11-13, 2018, Raleigh, NC**

RISE 2018 - Keynote

- [Biomimicry + Nonwovens: Taking Great Ideas from Nature and Making Them a Commercial Reality](#)
Marie O'Mahony, *O'Mahony Consultancy*

Bio-Innovation in Nonwovens I

- [Inotek™: A Biomimetic Approach to Adaptive Breathability](#)
Jeff Dugan, *Fiber Innovation Technology*
- [New Cellulose Based Nonwoven Fabric Technology](#)
Gisela Goldhalm, *Lenzing AG*

The Economy & Our Industry

- [U.S. Economic Outlook](#)
Mark Vitner, *Wells Fargo*
- [Market Dynamics and Trends That Are Driving Innovation in Nonwovens](#)
Brad Kalil, *INDA, Association Of The Nonwoven Fabrics Industry*

E-standards & Regulations

- [How Industry Standards for E-Textiles Are Interconnecting Two Established Ecosystems to Reduce Costs, Accelerate Innovation and Speed Adoption](#)
Chris Jorgensen, *IPC-Association Connecting Electronics Industries*

RISE® Innovation Award Presentations

- [DiviDiaper](#)
Tivon Jeffers, *DiviDiaper, Inc.*
- [DiviDiaper](#)
LisaRoxanne Walters-Jeffers, *DiviDiaper, Inc.*
- [Evolon New Generation - Bedding Application](#)
Eva Welsh, *Freudenberg Performance Materials*

- [Suominen Intelligent Nonwoven](#)

Ernesto Levy, *Suominen*

Medical Nonwoven Developments I & Web Formation

- [The Specific Challenges of Surgical Draping of Both Equipment and Patients for Novel Surgical Equipment](#)

Tami Mace, *Ecolab*

- [Foam Forming Technology – An Opportunity for the Nonwovens Industry](#)

Kristian Salminen, *VTT Technical Research Centre of Finland Ltd.*

Bio-Innovation in Nonwovens II

- [Stylin' in Nature](#)

Jeannette Yen, *School Of Biological Sciences At Georgia Tech*

Bio-Innovation in Nonwovens III

- [Introduction of Circular, Biodegradable Polyhydroxyalkanoate for Fiber Applications](#)

Andrew Cal, Ph.D., *Mango Materials*

- [Uses of Biomaterials and Biodegradable Materials in Feminine Hygiene Products](#)

Jeffrey Bates, Ph.D., *University Of Utah*

Material Science Developments I

- [Crowdsolving Challenge: Finding Applications for PET from Post-Consumer Carpet](#)

John Bradshaw, *Shaw Industries*

Learning Luncheon

- [High Temperature Battery Separators: Part of a Fireproof Battery Architecture](#)

Robert Moran, Ph.D., *DreamWeaver International*

- [Nanofibrillated Cellulose for Improved Filter Media](#)

Gurminder Minhas, *Performance BioFilaments Inc*

Material Science Developments II

- [The Latest Innovations in Nonwoven Manufacturing](#)

Behnam Pourdeyhimi, *North Carolina State University, The Nonwovens Institute*

- [New Cellulose Based Nonwoven Fabric Technology](#)

Thomas Carlyle, *Lenzing Fibers Inc.*

Microfibers in the Marine Environment

- [Marine Litter and Microfibers – Should We Be Worried?](#)

Alasdair Carmichael, *National Association For PET Container Resources (NAPCOR)*

- [Breaking it Down: Microfiber Biodegradability in Aquatic Environments](#)

Janet O'Regan, *Cotton Incorporated*

Medical Nonwoven Developments II

- [Innovating Together: Creating New Material Technologies to Keep Up with Medical Market Demands](#)

Eberhard Link, Ph.D., *Freudenberg Performance Materials LP*

Web Formation Technology

- [Novel Method to Determine Nonwoven Uniformity Factor](#)

Pallabi Sinha Roy,

- [Novel Method to Determine Nonwoven Uniformity Factor](#)

Olaf Isele, Ph.D.,