



RISE[®]

RESEARCH, INNOVATION & SCIENCE
FOR ENGINEERED FABRICS CONFERENCE

RISE[®] 2017:



Connecting Emerging Technologies
with Real Applications

SEPTEMBER 12-14

Sheraton Raleigh Hotel
Raleigh, North Carolina

inda.org/events/rise17





Hear **WHAT'S NEXT** from industry's most prescient leaders in materials research, process developments, and innovative science.



Join us for **3 DAYS** devoted to the latest innovative technologies in engineered fabrics. □□□



DISCOVER

➤ **PARTICIPATE** in revealing discussions and see the latest advances in nonwovens, from pioneering electronic fiber properties to the realization of visionary processes.

➤ Identify **WHAT'S NEEDED** in a conference curated by engineered fabric industry leaders with session topics that focus on:

+ **ADVANCED MATERIALS**

+ **MANUFACTURING TECHNOLOGY**

+ **ENHANCED PERFORMANCE**

+ **MARKET DYNAMICS**



KEYNOTE SPEAKERS INCLUDE:



Bernd Kunze, Dr. Ing., CEO, Reifenhäuser Reicofil

Expand your conceptual planning with observations from one of the best. Hear the latest analytical techniques and processes for determining unmet needs from the perspective of a global leading supplier. Explore the predictive components used to direct the future for hygiene, medical, agricultural, filtration, and technical applications.

Yoel Fink, Ph.D., CEO, Advanced Functional Fabrics of America (AFFOA), MIT Professor of Materials Science and Engineering and Joint Professor of Electrical Engineering and Computer Science



Discover the latest multifunctional fiber devices that extend the frontiers of fiber materials encompassing electronic, optoelectronic, and acoustic properties for textile and composite applications.



Keith Hoover, Vice President of Manufacturing Innovation & Development, Under Armour

Gauge the global manufacturing landscape with a new manufacturing model for apparel creation. Identify a new business model to design, develop, visualize, specify, and manufacture for the future.

Behnam Pourdeyhimi, Ph.D., Klopman Distinguished Professor of Textile Materials and Associate Dean for Industry Research and Extension and Director of The Nonwovens Institute at North Carolina State University

Gain insights into material science technologies and key areas of research.



DISCOVER YOUR NEXT APPLICATION AT RISE®!

Here's a sampling of this year's presentations:



Christian Lenges, Business Development for BioMaterials in DuPont Industrial BioScience

"Enzymatic Polymerization: Designed PolySaccharides & Applications in Engineered Fabrics"

Discover examples of a new class of biomaterials along with a series of application examples that provide differentiated performance in engineered fabrics.

Anke Domaske, Founder & Managing Director, Qmilk GmbH

"Qmilk – The Most Innovative Combination on the Non-Woven Market"

Qmilk presents an ideal material to combine with viscose and cellulose to maintain natural fiber authenticity. The natural textile fibers derive from non-food milk containing thermo-bonding properties that are 100% renewable, antibacterial, with the smallest CO₂ footprint and zero waste.



Hardy Sullivan, Vice President, Market Development, Crypton Inc.

"Dry Inside from Nanotex"

Explore a patented system that supports a variety of textile substrates to transport moisture away from the skin for quick dispersal to the outside of a fabric for improved skin health and comfort.

Ayyoub M. Momen, Ph.D., Research and Development Staff, Oak Ridge National Laboratory

"Drying Webs by Mechanical Vibration and Not Heat"

Hear how the world's first ultrasonic clothes dryer may forever change drying technology using high-frequency mechanical vibrations instead of heat – with five times more efficiency.



For a complete listing of prescient RISE® 2017 speakers visit inda.org





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SAVE UP TO \$270 WHEN YOU REGISTER BEFORE **AUGUST 7!**

You can also register by calling or e-mailing Tracie Leatham: tleatham@inda.org, +1 919 459 3726



Register 3 or more for full conference registrations and save!



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RISE[®] INNOVATION AWARD

HEAR SOLUTION-BASED PRESENTATIONS FROM THREE TOP FINALISTS.

The Award recognizes innovation in areas within and on the periphery of the nonwovens industry that use advanced science and principles to develop unique or intricate solutions to problems.



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CONNECT WITH LIKE-MINDED PROFESSIONALS IN R&D, SCIENCE, TECHNOLOGY, AND ENGINEERING FROM THESE LEADING COMPANIES*:

3M
Ahlstrom
Avpol Nonwovens
BASF
Berry Global Group, Inc.
Cardinal Health
Celanese Corporation
Clarcor Industrial Air
DuPont
Eastman Chemical Company
First Quality Nonwovens
Fi-Tech Inc.
Fitesa
Freudenberg Performance Materials
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ID TechEx, Inc.
IHS Chemical
IMERYS Carbonates
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IPS Testing
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Klabin S.A.
Keen Test Products Corp.
Knowlton Technologies
Kukil Paper
Lenzing Fibers Inc.

Louis P. Batson Company
Lydall Performance Materials
MANN +HUMMEL USA, Inc.
Max-Planck Institute of Colloids and Interfaces
Medtronic
Micrex Corporation
MIT Rutledge Research Group
MIT (Massachusetts Institute of Technology)
Nanofiber Technology, Inc.
Nanoscience Instruments, Inc.
NatureWorks LLC
Nice-Pak Products Inc.
The Nonwoven Institute
North Carolina State University, College of Textiles
Ocean Conservancy
Oerlikon Textile Inc.
OMNOVA Solutions, Inc.
O'Neal, Inc.
Osprey Corporation
Owens Corning Science & Technology Center
Penn Color, Inc.
Pennsylvania Chemical Consultants
Pfizer Consumer Healthcare
Polytex Environmental
Precision Fabrics Group Inc.
Product Investigations Incorporated (PII)
Pulcra Chemicals LLC
Purdue University
Rando Machine Corporation
Reifenhäuser REICOFIL GmbH & Co. KG
Sabic Innovative Plastics

Shanghai MicroPort Medical Co., Ltd.
Shanghai Pine & Power Biotech Co., Ltd.
Shri Dinesh Mills Ltd.
Simmons Bedding Company
SMARTVISTA, LLC
SNS Nano Fiber Technology Co. LLC
Southern Regional Research Center (SRRRC), ARS-USDA
Strauss Fibers
Suominen
Suzano Pulp & Paper
Symtech Inc.
T.J. Beall Company, Inc.
Technical University of Liberec
Teijin Frontier USA Inc.
Tex Tech Industries
Tianjin Polytechnic University
Tietex International
Tulane University
U.S. Pacific Nonwovens Industry Ltd.
UCLA Henry Samueli School of Engineering & Applied Science, EE Department
UNGRICHT Roller + Engraving Technology
University of Florida
University of Illinois at Chicago
University of Michigan ULAM
The University of Tennessee
Vertega Carbon Fiber Recycling LLC
Wacker Chemical Corporation
Xerium Technologies, Inc.
Zermatt

* A partial list of 2015 & 2016 participating companies





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WHERE INNOVATION
& APPLICATION MEET

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421 S. Salisbury Street
Raleigh, NC USA

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Call or email Tracie Leatham:
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**Association of the
Nonwoven Fabrics Industry**
ADVANCING NONWOVENS WORLDWIDE™

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