



VIRTUAL CONFERENCE SCHEDULE

Tuesday, September 28

WELCOME

8:55 am - 9:00 am

Moderator: Dave Rouse, President, INDA

MATERIAL SCIENCE DEVELOPMENTS FOR SUSTAINABLE NONWOVENS

9:00 am - 10:25 am

Moderator: Dave Rouse, President, INDA

Biopolymers for Use in Fibers

Jeff Dugan, Vice President Research, Fiber Innovation Technology

Hemp Fibers in Nonwovens - Ready for The Big Time?

Paul Latten, Director of Research & Development & New Business, Southeast Nonwovens, Inc.

Introduction to PHA

Michael Mang, Ph.D., Director of Materials Technology, Danimer Scientific

MATERIAL SCIENCE DEVELOPMENTS FOR SUSTAINABLE NONWOVENS - Q&A

10:25 am - 10:40 am

Moderator: Dave Rouse, President, INDA

BREAK

10:40 am - 11:00 am

ROUNDTABLE - SUSTAINABILITY

11:00 am - 12:00 pm

Moderator: Vanessa Daelman, Ph.D., Chief Technical Officer, Devan Belgium

Sustainability

Vanessa Daelman, Ph.D., Chief Technical Officer, Devan Belgium

LUNCH

12:00 pm - 2:00 pm

INCREASING CIRCULARITY IN NONWOVENS

2:00 pm - 3:56 pm

Moderator: Davis Lee, Ph.D., Senior Marketing Scientist, Exponent

Sustainable Solutions for our Plastic Planet Predicament

Marc A. Hillmyer, Ph.D., McKnight Presidential Endowed Chair, University of Minnesota

Closed-Loop Recycling Pilot of Single-Use Face Masks

Peter Dziezok, Ph.D., Director Open Innovation, Procter & Gamble

Molecular Recycling: Crafting a Circular Materials Future

Jon Woods, General Manager, Fibers, Textiles And Nonwovens, Eastman Chemical Company

Biotransformation Technology in Polyolefin Fibers and Nonwoven Fabrics, Focus on Fugitive Used Articles

DeeAnn Nelson, Ph.D., NA - R&D and Innovation Manager, Avgol Nonwovens

Nick Carter, Vice-President of Marketing, Avgol Nonwovens

INCREASING CIRCULARITY IN NONWOVENS - Q&A

3:56 pm - 4:16 pm

Moderator: Davis Lee, Ph.D., Senior Marketing Scientist, Exponent

COCKTAILS & NETWORKING

4:16 pm - 5:01 pm

Wednesday, September 29

PROMISING INNOVATIONS IN NONWOVENS I

8:30 am – 11:09 am

Moderator: Brad Kalil, Director of Market Intelligence and Economic Insights, INDA

Promising Materials Development Using PLA

Behnam Pourdeyhimi, Ph.D., William A. Klopman Distinguished Professor, And Executive Director, North Carolina State University, The Nonwovens Institute

Innovating a Sustainable Future for Nonwovens; A European Perspective

Matthew Tipper, Ph.D., Operations Director, Nonwovens Innovation & Research Institute (NIRI)

Phantom Platform: The Polyolefin-cellulose Coformed Substrates Technology at Its Best

Fabio Zampollo, CEO, Teknoweb Materials S.r.l.

BREAK

10:07 am - 10:22 am

PROMISING INNOVATIONS IN NONWOVENS II

10:22 am - 11:09 am

Moderator: Brad Kalil, Director of Market Intelligence and Economic Insights, INDA

Filtration Media Functionalized with Zinc Oxide

Wai-shing Yung, Ph.D., Technical Director, Ascend Performance Materials

A Novel Antipathogenic Agent for Nonwoven Fabric

Bryan McEntire, Ph.D., Chief Scientific Officer, SINTX Technologies, Inc.

PROMISING INNOVATIONS IN NONWOVENS - Q&A

11:09 am - 11:29 am

Moderator: Brad Kalil, Director of Market Intelligence and Economic Insights, INDA

LUNCH

11:29 am - 1:30 pm

PROCESS INNOVATIONS IN NONWOVENS

1:30 pm - 2:40 pm

Moderator: Chris Plotz, Director of Education & Technical Affairs, INDA

Cummins LCA Journey

JJ Webb, Global Packaging Director, Cummins Inc.

William Murray, Packaging Engineer, Cummins Inc.

Guiding Environmentally Sustainable Innovations – From Reactive to Proactive Life Cycle Management

Valentina Prado, Ph.D., Senior Sustainability Analyst, EarthShift Global LLC

Next Generation Drying Technologies with Energy Saving Monitoring & Optimization Capabilities

Mark Janulis, Head of Sales – Nonwovens, Andritz, Inc.

PROCESS INNOVATIONS IN NONWOVENS - Q&A

2:40 pm - 2:55 pm

Moderator: Chris Plotz, Director of Education & Technical Affairs, INDA

BREAK

2:55 pm - 3:10 pm

MATERIAL INNOVATIONS IN NONWOVENS

3:01 pm - 4:01 pm

Moderator: Chris Plotz, Director of Education & Technical Affairs, INDA

High-Loft, Ultra-Soft Hygiene Solutions

Paul Rollin, Ph.D., Global Team Lead - Nonwovens, ExxonMobil Chemical Company

Which to Filter Out? A Comparative Assessment of Various Face Masks with a Focus on Sustainability

Natasha Di Fiore, Researcher, Metaxi SimBioSys LLC

Olaf Isele, Ph.D., Nonwovens Consultant, Metaxi SimBioSys LLC

MATERIAL INNOVATIONS IN NONWOVENS - Q&A

4:01 pm - 4:11 pm

Moderator: Chris Plotz, Director of Education & Technical Affairs, INDA

RISE[®] INNOVATION AWARD PRESENTATIONS

4:11 pm - 4:38 pm

The RISE[®] Innovation Award will recognize innovation in areas within and on the periphery of the nonwovens industry which utilizes advanced science and engineering principles to develop unique or intricate solutions to problems and advance the usage of nonwovens.

RISE 2021 AWARD PRESENTATIONS - ASK THE FINALISTS

5:38 pm - 4:53 pm

Thursday, September 30

GOVERNMENT/NGO CHALLENGES TO SINGLE-USE PLASTICS I

8:30 am - 9:22 am

Moderator: Chris Plotz, Director of Technical Affairs, INDA

Single-Use Plastics Policy Developments in North America

Jessica Franken, Director of Government Affairs, INDA, Association of the Nonwovens Fabrics Industry

European Single Use Plastic Directive

Gil Stevens, External Relations & Sustainability Director, EDANA

GOVERNMENT/NGO CHALLENGES TO SINGLE-USE PLASTICS - Q&A

9:22 am – 9:32 am

Moderator: Chris Plotz, Director of Technical Affairs, INDA

MACHINE-ASSISTED-LEARNING DEVELOPMENT OF BIOPOLYMERS FOR NONWOVEN APPLICATIONS

9:32 am - 9:52 am

Moderator: Chris Plotz, Director of Technical Affairs, INDA

Application of Machine Learning to Develop PHA Polymer Solutions for Nonwoven Applications

Bryan Haynes, Ph.D., Senior Technical Director, Global Nonwovens, Kimberly-Clark Corporation

**MACHINE-ASSISTED-LEARNING DEVELOPMENT OF
BIOPOLYMERS FOR NONWOVEN APPLICATIONS – Q&A**

9:52 am - 9:57 am

Moderator: Chris Plotz, Director of Technical Affairs, INDA

**ROUNDTABLE - IS THE SUPPLY/DEMAND BALANCE EVER
GOING TO BALANCE?**

9:57 am - 10:57 pm

Moderator: Brad Kalil, Director of Market Intelligence and Economic Insights, INDA

Is the Supply/Demand Balance Ever Going to Balance?

Brad Kalil, Director of Market Intelligence and Economic Insights, INDA

LUNCH

10:57 pm - 2:00 pm

MARKET INTELLIGENCE & ECONOMIC INSIGHTS

2:00 pm - 3:03 pm

Moderator: Dave Rousse, President, INDA

US Economic Outlook: Reopening and Recovery

Michael Aguilar, Ph.D., Financial Economist/Teaching Professor, University of North Carolina - Chapel Hill

**Understanding the State of North American Nonwoven's Market and a Market
Gone Mad**

Brad Kalil, Director of Market Intelligence and Economic Insights, INDA

MARKET INTELLIGENCE & ECONOMIC INSIGHTS - Q&A

3:03 pm - 3:18 pm

Moderator: Dave Rousse, President, INDA

RISE[®] INNOVATION AWARD ANNOUNCEMENT

3:18 pm - 3:28 pm

Moderator: Dave Rousse, President, INDA