

Tuesday 4 June 2024

12.00 - 13.00
KEYNOTE SPEAKER



Joachim De Vos, Co-chair & Managing Partner of Living Tomorrow – TomorrowLab

Why Innovation Fails & the 7 Keys to Success

- Why do we have to innovate?
- What is innovation?
- Why does it fail so often?
- What are 7 best practices to optimize the innovation process?

13.00 - 14.00
NETWORKING LUNCH & VISIT OF THE TABLETOP EXHIBITION



14.00 - 14.25

MARKET TRENDS



**Jacques Prigneaux, Market Analysis & Economic Affairs Director
EDANA**

The European Nonwovens Industry in 2023



14.25 - 15.40

INNOVATIONS IN APPLICATIONS



**Carmine Cimini, Chief Technology & Sustainability Officer
Texol**

Functional Substrates to Preserve the Skin's Microbiome

- Why is the skin's microbiome gaining importance in the hygienic segment?
- Is the current use of hygienic products leading to a dysbiosis (an imbalance in the skin's microbiota composition)?
- How to create a hygienic sanitary product that preserves healthy skin, while also ensuring consumer benefits (i.e. protection)?



**Lucie Souvy, Project Manager & Quality System Management Responsible
Isomatex**

How to Handle a Mineral Reinforcement as a Fire-Resistant Solution in the Safest Way

- What are the key thermal properties of FILAVA™ and how does it differentiate from other materials?
- What are the primary objectives when applying alumina coating to optimize thermal performance and durability?
- What advantages do textile sandwich solutions offer in terms of thermal insulation compared to traditional approaches?
- How does Filava™ contribute to sustainability efforts in various industries?



**Adrián Rama, Product Development Engineer
Glatfelter**

Multilayer Nonwovens: Cutting-Edge Technologies, Product Benefits and Applications

- What are multilayer nonwovens and how are they made?
- What functionalities can be enhanced with a multilayer design?
- What benefits can multilayer nonwovens bring to the industrial and institutional wipes sector?

15.40 - 16.25

NETWORKING BREAK & VISIT OF THE TABLETOP EXHIBITION

www.edana.org

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16.25 - 17.40
INNOVATIONS IN TECHNOLOGY



Thomas Weigert, Senior Expert Technology Spunlace & Drying
Trützschler Nonwovens

Spunlaced Nonwovens with Pulp – Latest Developments in Raw Materials

- Is all pulp created equal in regard to product and production process characteristics?
- Pulp already is an environmental-friendly material - can the environmental impact, e.g. CO2 emissions or land usage, further be reduced?
- What are the best strategies to incorporate pulp in a cost-focused nonwovens production?



Florian Pohlmeier, Head of Digitalisation
ITA – Institut für Textiltechnik der RWTH Aachen University

Interoperable Data Space for a Sustainable Nonwovens Industry

- How are EU digitalization regulations impacting the nonwovens industry, and why is collaboration necessary within a sovereign data ecosystem?
- What are the key components of a successful digital ecosystem for the nonwovens industry?
- How does the implementation of a digital ecosystem impact sustainability management in the nonwovens industry, and what future developments can we expect?



Michael Hartmann, Head of Engineering BU Spunlace & Thermal Systems
AUTEFA Solutions Germany

Revolutionizing Spunlace Dewatering System

- Why is the dewatering at spunlace processes inefficient with state of the art equipment?
- How is it possible to increase the efficiency of suction systems within a spunlace process?
- What effort does it take to upgrade spunlace lines and what ROI is expected?

17.40 - 18.30
FREE TIME TO VISIT THE TABLETOP EXHIBITION

18.30
BUS TRANSFER TO THE COCKTAIL RECEPTION



19.00 - 21.30
EDANA COCKTAIL RECEPTION AT THE M'UNIQUO ROOFTOP BAR



On top of the Andaz Munich you find Munich's highest bar and rooftop terrace: M'Uniqo Rooftop Bar.

Set over two levels, with seating both indoors and on the outdoor terrace, this elegant and trendy rooftop bar offers some amazing 360-views over the Munich skyline, Olympiapark and the Alps.

The ideal setting for a relaxed networking.

Bus transportation will be provided for attendees from and to the smartvillage.

Wednesday 5 June 2024



9.00 - 9.30
OPENING PRESENTATION



Mathieu Mottrie, Managing Partner
CREAX

Create the Future with Confidence

- How to define a future-proof innovation strategy?
- How can data accelerate and de-risk your innovation?
- How to 're-search', rather than 're-invent'?



9.30 - 10.45
INNOVATIONS IN TECHNOLOGY



Margarita Haller de Hallenburg MSc MBA,
CEO & Consortium Leader, Biovalley Cooperative, Lodz Technical
University

Bionwoven (bioactive biodegradable nonwovens) - a Breakthrough
Innovation in the Global Hospital Textiles Market



Muhammad Maqsood, Scientist, Global Application Technology
SABIC

Loft Nonwoven Solution For Personal Hygiene Applications

- What are the megatrends in hygiene industry?
- What are the challenges for sustainability and circularity that the industry needs to address?
- What makes loft nonwoven solutions from SABIC innovative & cost effective?



Dr. Alaa Memari, Group R&D Manager
Autins

Innovative Technique for Assessing Nonwovens Uniformity in Real-Time

- What is Nonwovens Uniformity?
- Is there an existing standard metric for uniformity, and if not, should there be one?
- Can uniformity be assessed in real time?

10.45 - 11.30
NETWORKING BREAK & VISIT OF THE TABLETOP EXHIBITION

Wednesday 5 June 2024



11.30 - 12.45

INNOVATIONS IN (USE OF) MATERIALS



**Gurminder Minhas, Managing Director
Performance BioFilaments**

Enhanced Performance and Sustainability of Nonwovens Using Nanofibrillated Cellulose

- What is nanofibrillated cellulose and how is it produced?
- How can nanofibrillated cellulose be used to improve the properties of nonwovens?
- How can nanofibrillated cellulose be used to reduce the carbon footprint of nonwovens?



**Hafiz Muhammad Kaleem Ullah, R&D Project Manager for the Polymer
Business Unit
European Center for Innovative Textiles (CETI)**

Game-Changing Technology: Obtaining Cellulosic and Protein-Based Materials through Advanced Wet-Spinning Technologies

- What innovations may we expect in cellulosic and protein fibres?
- What would be the impact of such fibres on the nonwovens industry?
- What are the current opportunities and challenges when processing these?



**Bernhard Awolin, Business Consultant
Lenzing**

Revolutionizing Wipe Technology: Innovative 100% Cellulosic Nonwovens

Can a 100% cellulosic nonwoven:

- show nearly isotropic wet strength?
- be used as a tough cleaning wipe?
- be made directly from pulp to a versatile filament structure?

12.45 - 14.00

NETWORKING LUNCH IN THE TABLETOP EXHIBITION

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 **14.00 - 15.15**
INNOVATIONS IN (USE OF) MATERIALS



**Daniel Müller, Head Competence Center Film & Tape
BASF**

Differentiation in Nonwovens Made Possible by Plastic Additive Concepts

- What needs to be considered to achieve optimum quality at applying stringent processing requirements?
- Are there options to functionalize PP nonwovens to achieve increased performance requirements?
- What are the possibilities to further improve sustainability in the use of PP nonwovens?



**Simon Frisk, Global R&D Director
PFNonwovens Group**

PLA Spunbond and SMS Nonwovens: A Viable Alternative?

- How can a good understanding of the “process-performance-environmental impact” relationships enable optimized solutions for various applications?
- Can PLA based nonwovens meet the challenging requirements of AHP applications?



**Miika Nikinmaa, Lead, Biomaterial Solutions
VTT**

Thermally Formable Cellulose-Based High-Performance Composites

- How can cellulose be utilized to make thermoformable composites?
- Why is the fiber length important and what benefits are gained when it is maintained?
- Can you make a chair with paper machine?

15.15 -16.00
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16.00 - 18.10

PRESENTATIONS AND WORKSHOPS AROUND TWO ICONIC INNOVATIONS IN THE NONWOVEN WORLD: TYVEK® & EVOLON®

Dupont and Freudenberg PM executives will discuss the development of genuinely innovative materials that have been around for decades, and still thriving!

These two innovations started out in very different ways; one by chance, the other was well planned, but both have been very successful.

What can we learn from these cases? We all know that innovation requires hard work and a strong determination to succeed, but that is not all. The speakers will talk about their approach towards managing innovations. The aim of these presentations is to make you think, and therefore they will be followed by workshops where the speakers will work with sub-groups on real-life questions and challenges they faced during the innovation process.



Christine Lemoine
Global Technology Director Tyvek® and Typar®
DuPont de Nemours



Denis Reibel
SEO/ Managing Director
Freudenberg Performance Materials

18.10 -19.00

NETWORKING DRINK

Thursday 6 June 2024

The third day we move to one of the most innovative places in town: [The Munich Urban Colab](#), a place for new forms of cross-sector and interdisciplinary collaboration where start-ups, established companies, universities, fresh talent and the City of Munich are developing and testing innovative concepts, sometimes even together with citizens.

The program features inspirational talks from people about innovations in automotive (BMW, MAN truck & Bus), circularity and in business models! We also feature a number of startups on stage to make their pitches. The detailed abstract of each speaker is available on our [website](#).

Bus transportation will be provided for attendees from the smartvillage

09.00 - 09.30

Shuttle bus from the smartvillage to the Munich Urban Colab

09.30 - 10.00

Welcome coffee

10.00 - 10.05

Opening words by EDANA



10.05 - 10.20

From Trend to Innovation - Insights from the Collaboration with Startups and Established Companies

Tim Lüken, Managing Partner - UnternehmerTUM Business Creators

10.20 - 10.30

Q&A & Discussion



10.30 - 10.50

Open Innovation at BMW

Dr.-Ing. Frank Möbius, Senior Innovation Advisor - UnternehmerTUM Business Creators

10.50 - 11.00

Q&A & Discussion



11.00 - 11.15

The World of Circular Innovation

Matthias Bellweg, Co-founder - Circular Republic

11.15 - 11.25

Q&A & Discussion

11.25 - 12.00

Line up with various StartUps making their elevator Pitches (with brief Q&A)

12.00 - 12.30

Goodbye drink with Fingerfood

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