

## Programme

08.30 - 18.00 REGISTRATION DESK OPEN

08.30 - 09.00 OPENING OF THE TABLETOP EXHIBITION & WELCOME COFFEE

09.00 - 09.15 WELCOME ADDRESS

09.15 - 10.15

**KEYNOTE SPEECH** 



Dr.-Ing. Frank Möbius, Senior Innovation Advisor
UnternehmerTUM, Munich, Germany - Former Manager at BMW Group

OPEN INNOVATION, THE KEY TO FUTURE SUCCESS FOR YOUR COMPANY



10.15 - 11.00 COFFEE BREAK & VISIT OF THE TABLETOP EXHIBITION

11.00 - 12.15

#### **SESSION 1 - TRENDS & TECHNOLOGIES**



Marc Schmidt, Vice President Technologies Europe - AAF-Lufttechnik

# The best is yet to come - An outlook from the filter manufacturer's perspective

- How do current social and economic megatrends change the air filter industry?
- Is the air filter industry prepared for the change?
- What does it mean for product development, marketing strategies and business models?

#### MANN+HUMMEL

From raw material over filtration material to filter elements and the wide range of applications



**Anthony Lawson, Senior Filtration Specialist - Hengst** 

Regulation as the driver of innovation in filtration - How new regulations help drive the design of new filters with higher performance

- How does regulation drive changes in product design, fostering innovation in air filtration design?
- How is the changing landscape of filter media design influenced by upcoming controls on the use of PFAS substances, prompting designers to explore alternative, non-conventional technologies?
- How lower WHO guideline limits for air quality in gases have led to a fundamental redesign of filter solutions for HVAC applications to the new EN16798-3?





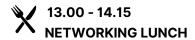
12.15 - 13.00

#### **FILTREX 2025 INNOVATION AWARD**



Each nominee will showcase their innovation through a brief presentation, and the audience will vote to determine the winner, who will be announced during the cocktail.

Submit your <u>application</u> before 25 February 2025.



14.15-15.30

#### **SESSION 2 - STANDARDS & TESTING**

**Topas** 

Latest state-of-the art in molecular air filter testing



**Tobias Zimmer, Vice President - Camfil** 

Upcoming EN Standard on complementary product category rules (c-PCR) for environmental product declarations (EPD) for air Filters

- What will be the c-PCR for EPD of air filters and when can they be expected?
- How will energy consumption and health benefits in the use phase of air filters be considered?
- How will it impact the requirements on air filter media?



Marina Ängeslevä, Sales and Application Specialist - Porometer

# Correlations between the pore size and filtration efficiency of nonwoven filter media

- How were the pore size and filtration efficiency analysed in the presented work?
- How does the pore size of nonwoven filter media correlate with air permeability?
- What equations can describe the correlations between pore size, penetration, and resistance of woven filter media?





15.30 - 16.15

# INTRODUCTIONS OF KEY PLAYERS IN THE FILTRATION INDUSTRY TO THE ROUNDTABLES



**Cédric Vallet, Head of Business Development & Product Management - Ahlstrom** 

How to combine innovation and sustainability in filtration



Oswaldo Anaya, Product Marketing Manager - Freudenberg Performance Materials

Sustainable filtration – what is truly good for the planet



Bruce Lorange, Global Marketing (IAQ) - Hollingworth & Vose IAQ Filtration: A call-to-action to harmonize health for people, profit, and planet



16.15 - 16.45 COFFEE BREAK & VISIT OF THE TABLETOP EXHIBITION

16.45-18.00

**ROUNDTABLE DISCUSSIONS** 



19.00 - 21.30 NETWORKING EVENING COCKTAIL DINNER AT THE KUNSTHISTORISCHES MUSEUM



Delegates will have the opportunity to network in an elegant setting while exploring the Kunsthistorisches Museum's renowned Picture Gallery in Vienna. This gallery houses one of the most outstanding collections of European art, featuring masterpieces by iconic artists such as Titian, Vermeer, Rembrandt, Brueghel, and Velázquez.

Transportation by bus will be provided to and from the venue.



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08.30 - 18.00 REGISTRATION DESK OPEN

08.30 - 09.00 OPENING OF THE TABLETOP EXHIBITION & WELCOME COFFEE

09.00 - 10.00

**KEYNOTE SPEECH** 



Dr. Pero Mićić
Founder and CEO at FutureManagementGroup

BRIGHT FUTURE BUSINESS: THE EIGHT PROPERTIES OF A FUTURE-PROOF BUSINESS



10.00 - 10.40 COFFEE BREAK & VISIT OF THE TABLETOP EXHIBITION

10.40 - 12.00

**SESSION 3 - MEDIA INNOVATION** 

Simone Cerminara, Product Development & TCS Manager - Ahlstrom New solutions for high performance engine air intake filters

Sandler

Use of specialty- and high-performance polymers for meltblown nonwovens



**Christian Ewald, Vice President Global Market Segment Gas Phase Filtration**- Freudenberg FT

Gas Phase Filtration: A key process to protect work environments from harmful corrosive and odorous emissions

- What are the advantages and limitations of new standards and recommendations such as ISO 10121-3 and Eurovent 4/26 2024?
- Which additional information are needed to achieve a safe work environment and an excellent protection against corrosion?
- How to choose the filtration solution with the best cost-performance ratio and to calculate filter lifetimes most accurately?

**Q&A / Panel discussion** 







13.15 - 14.30

#### **SESSION 4 - SUSTAINABILITY**



Mood Ahmed, R&D Project Manager - Beaulieu Fibers International

### Fibers that build futures: Innovative sustainable fiber solutions for filter media

- What are the new trends in sustainability within the filtration industry?
- Which sustainable alternative fiber are available?
- What benefits do sustainable synthetic fiber offer?



Christopher Griffin, Director, Sustainability and Innovation - Johns Manville

#### Recycling and circular use of waste filters and filtration media

- How can we avoid landfilling waste from filter media manufacturing?
- How can we re-use waste from manufacturing filters?
- Is there a circular opportunity to recycle end of life filters?



Umut Burak Dalbudak, Co-Founder - Texnova Tekstil

# Development of a biodegradable dust filter using biodegradable PET and BicoPET mono-material with sustainable needlepunching production method

- What are the key advantages of using biodegradable PET and bicoPET mono-materials in dust filtration applications, and how do they address current environmental challenges?
- How does the needle punching production method enhance the sustainability and performance of the proposed biodegradable coarse dust filter compared to traditional methods?
- In what ways does the integration of biodegradable binders and chemical coatings contribute to improving the filtration efficiency, durability, and environmental impact of the final product?



14.30 - 15.00 COFFEE BREAK & VISIT OF THE TABLETOP EXHIBITION





#### 15.00 - 16.15

#### **SESSION 5 - GOING PFAS FREE**



Björn Strelau, Director Global Product Management - Hollingsworth & Vose

#### HEPA filtration media with zero added PFAS for a cleaner world

- Why does the widespread use of Per- and polyfluoroalkyl substances (PFAS) in HEPA filtration represent a problem?
- How can a new range of HEPA efficiency glass filtration media, with zero added PFAS, help support sustainability efforts of companies by eliminating the use of forever chemicals in various applications?
- How does this new HEPA efficiency glass filtration media perform compared to traditional solutions?



Dorothea Slevogt, Senior Consulting Specialist - Schlegel und partner

# Navigating PFAS restrictions: Roadmap, industry impact, and emerging solutions for filtration

- What is the expected roadmap for the PFAS restrictions in Europe?
- How will PFAS restrictions change the filtration industry along the value chain?
- What are the related market expectations and solutions in development for filters and its media?



Josh Manasco, Director of Application and Business Development - Elmarco

#### **Greener membranes from electrospinning**

- How do electrospun membranes enhance performance in filtration and textile applications compared to conventional materials?
- What are the key benefits of using PFAs-free and non-REACH-listed solvents in nanofiber membrane production?
- How can sustainable nanofiber membranes contribute to reducing energy consumption and environmental impact in industrial processes?

16.15 - 16.20

**CLOSING WORDS** 



All presentations and moderated sessions will be held in English.

This programme may be subject to last-minute changes and cancellations. All timings are approximate and may be subject to change due to unforeseen delays or adjustments.

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