

**FILTECH**

November 12 – 14, 2024  
Cologne – Germany

The Filtration Event

[www.Filtech.de](http://www.Filtech.de)

# Call for Papers

Join the  
world's largest  
Filtration Event

Koelnmesse · Cologne · Germany



# Join the largest Filtration Event world-wide and ...

## Welcome to FILTECH in Cologne

The Filtration industry provides innovative solutions for current and future challenges. This dynamic industry is of further growing importance and turning into a key industry worldwide. At the FILTECH 2024 Show the latest innovations will be on display and will provide visitors an exclusive overview and insights into state-of-the-art science and technologies.

FILTECH will be once again the place to be for all those involved with the filtration and separation sector and adjacent industries. And the City has a lot more to offer...

The magnificent Cologne Cathedral hovers above the roofs of the city. It is not only used as a point of orientation but is the pride of the people in Cologne. The panorama of the city has been dominated by the Cathedral's gigantic pair of towers since their completion in 1880.

Enjoy the unique Rhine panorama of the Old Town with the Cathedral, the Roman church Groß St. Martin and the historical Town Hall. Enjoy a glass of the famous local "Koelsch" beer and take a stroll through the narrow, cobble-stoned alleys by the river Rhine.

## ... present your latest research

**FILTECH 2024 Conference** will feature once again the latest advances and techniques in liquid/solid and gas/particle separation (dust, gas & air filtration) in 3 days of in-depth exposure. Technology and know-how transfer is a main target.

The programme will give a representative cross-section of the different procedures and appliances of separation technology as well as across the industry about the applications, from the preparation of mineral raw materials, the chemistry, environmental technology and water purification down to the pharmacy and biotechnology. Most ongoing problems will be represented in the programme.

Submit your abstract until  
**May 31, 2024**

Full Paper Deadline: September 6, 2024

You are cordially invited to present your latest research at FILTECH 2024 to an international audience and network with filtration experts from all over the world.



# The international Exhibition

The **FILTECH 2024** Show will once again offer Exhibitors a unique possibility to generate new business. The Show will feature 480+ Exhibitors at the Koelnmesse in Cologne. The largest filtration Show world-wide is the globally acknowledged platform and solution provider for all industries covering every market segment.

FILTECH has an established track record in bringing together the technical and commercial sectors to develop global business relationships.

The Show successfully extended its range and presents the most recent innovations in filtration and separation technologies, machinery, particle measurement, analysis & simulation systems and many more associated industries.

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**Presented by leading experts  
– learn about future ...**

## ... trends and perspectives

**FILTECH 2024** Conference will feature more than 200 technical papers, a Plenary Lecture and several Keynote Lectures presented by leading experts. Delegates profit from high-level knowledge transfer!

### Scientific Committee Chairmen

- Dr. Harald Anlauf Germany
- Prof. Eberhard Schmidt Germany

### Scientific Committee

- Prof. Mônica Lopes Aguiar Brazil
- Prof. Sergiy Antonyuk Germany
- Dr. Harald Banzhaf Germany
- Dr. Wu Chen USA
- Prof. Liang-Yin Chu China
- Prof. Ching-Jung Chuang Taiwan
- Prof. Kyung-Ju Choi Korea
- Prof. Achim Dittler Germany
- Prof. Kunihiro Fukui Japan
- Dr. Pascal Ginisty France
- Prof. Leon Gradon Poland
- Prof. Antti Häkkinen Finland
- Prof. Eiji Iritani Japan
- Prof. Chikao Kanaoka Japan
- Prof. Gerhard Kasper Germany
- Dr. Karsten Keller USA
- Prof. Gernot Krammer Austria
- Prof. Andrzej Krasinski Poland
- Dr. Martin Lehmann Germany
- Prof. Markus Lehner Austria

- Prof. Dietmar Lerche Germany
- Prof. Woon-Fong Wallace Leung China
- Dr. Hisao Makino Japan
- Dr. Tuve Mattsson Denmark
- Prof. Gerd Mauschitz Austria
- Prof. Arunangshu Mukhopadhyay India
- Prof. Ioannis Nicolaou Cyprus
- Prof. Jennifer Niessner Germany
- Prof. Hermann Nirschl Germany
- Dr. Thomas Peters Germany
- Prof. Urs Peuker Germany
- Prof. Pierre-Yves Pontalier France
- Prof. Sandra Mara Santana Rocha Brazil
- Prof. Peter Scales Australia
- Prof. Hans-Joachim Schmid Germany
- Dr. Anthony Stickland Australia
- Dr. Christine Sun USA
- Prof. Hans Theliander Sweden
- Prof. Dominique Thomas France
- Prof. Bhaskar N. Thorat India
- Prof. Paolo Tronville Italy
- Prof. Kuo-Lun Tung Taiwan
- Prof. Eugène Vorobiev France
- Dr. Matthias Waldenmaier Germany



**Regulation and intensification of mass-transfer and separation processes with micro-/nano-structured functional materials**  
**Prof. Dr. Liang-Yin Chu**, Membrane Science and Functional Materials Group  
 – Sichuan University, China

**Plenary Lecture**



**Formation and separation of flocculated suspensions: Good practices and challenges for laboratories and industries**  
**Dr.-Ing. Pascal Ginisty**, IFTS – Institut de la Filtration et des Techniques Séparatives, France

**Keynote Lecture 1**



**How filtration and separation impact global sustainability**  
**Dr. Wu Chen**  
 USA

**Keynote Lecture 2**



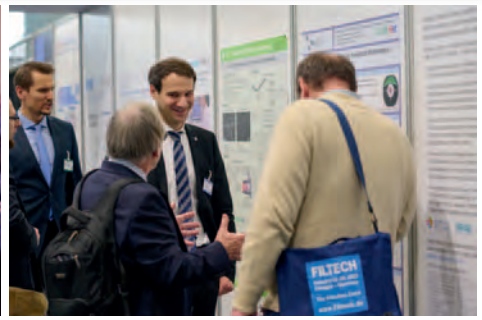
**Membrane technology – New developments, challenges, markets and applications**  
**Prof. Dr. Steffen Schütz**,  
 Stuttgart University IMVT & MANN+HUMMEL, Germany

**Keynote Lecture 3**



**From process to operation: Digital twins for filtration**  
**Dr.-Ing. Ralf Kirsch**,  
 Fraunhofer ITWM Flow and Material Simulation, Germany

**Keynote Lecture 4**





# How to submit...

## ... your abstract

Your abstract should not exceed 2 pages (incl. tables and figures). Make the title, background, aim, method and main results as concise as possible. Give 4–6 keywords describing the content of your abstract. Start with title, name(s) of author(s), and affiliation(s). Indicate up to 6 authors' names and initials. If more than 6 use "et al.". Give the name/institution where the main work was done. Indicate by (\*) the presenting author.

When you submit your abstract please precise what kind of presentation is preferred:

**20 min presentation**  
or  
**5 min presentation**  
in a session room plus presentation in front of the poster in the poster area after the session

Upload your abstract as MS-Word file on the FILTECH 2024 website. You will receive an e-mail confirmation with your abstract number.

For further details see [www.filtech.de](http://www.filtech.de) → **Conference**

**Poster Printing Service incl.**

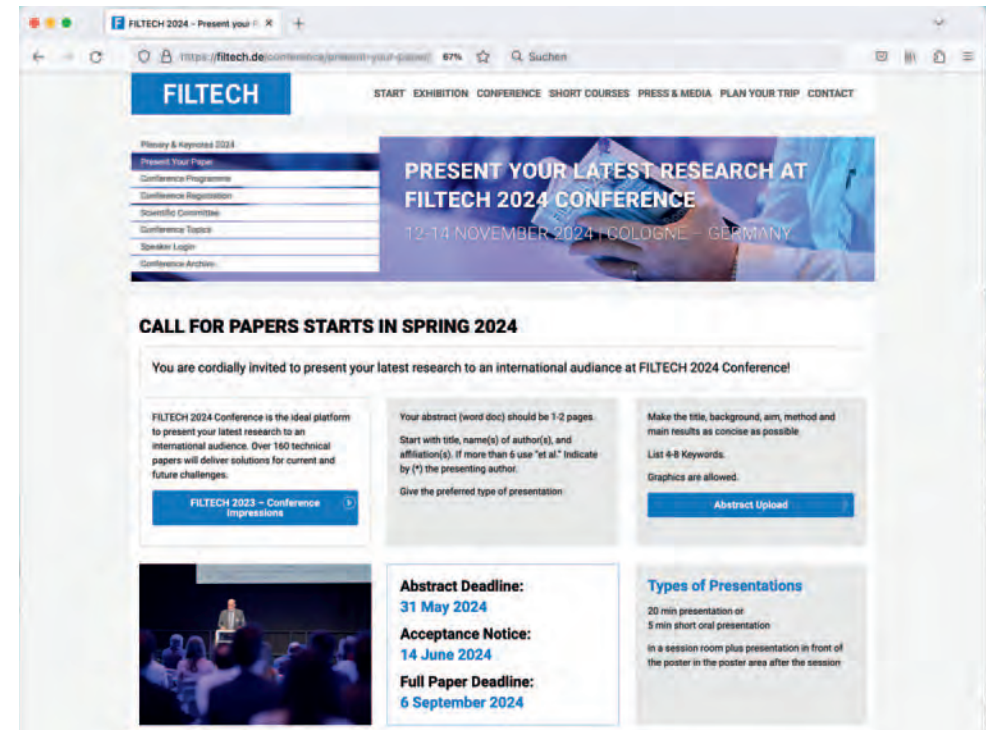
## Conference Registration Fees

<b>Day-Ticket</b>	Early bird € 320	Regular € 410
<b>3-Day-Ticket</b>	Early bird € 660	Regular € 850
<b>Short Courses</b>	Early bird € 490	Regular € 610

Your Participation includes: Proceedings featuring all papers in an abstract book & personalized download-link, Welcome Reception, Lunches & Refreshments, Cologne Public Transport Ticket, Entrance to the Exhibition and an Exhibition Catalogue

Early bird rate until September 30, 2024. For speakers the early bird rate applies at any time (all prices incl. German VAT).

Submit your abstract until  
**May 31, 2024**  
Notice of Acceptance  
June 14, 2024  
Deadline Full Papers  
September 6, 2024



## Abstract Preview 2024

The **FILTECH 2024 Conference Programme** will be published on the FILTECH website with short summaries of all abstracts. With the implemented search function you can easily find relevant topics, authors, contents and affiliations.



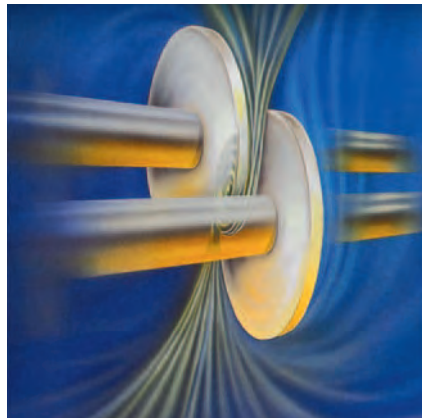
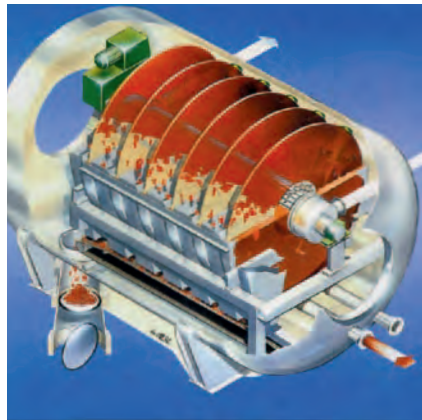
One day prior to FILTECH 2024 two 1-Day Short Courses will be held:

### Short Course I

November 11, 2024, 9:00 am - 6:00 pm

## Solid/Liquid Separation

**Presenter: Dr.-Ing. Harald Anlauf**  
Consultant, Germany



### Topics

- Characterisation of Particles and Particle Separation
- Density Separation - Static Thickeners and Solid Bowl Centrifuges
- Depth, Cross Flow and Cake Filters
- Filter Media
- Suspension Pretreatment to Enhance Separation Properties
- Alternative Separation Solutions and Apparatus Combinations
- Selection Criteria for Separation Equipment

This 1-day Course "Solid/Liquid Separation" is of interest to engineers, scientists, managers and other technical personnel involved in solid-liquid separation in the process and other industries. They will find the course informative, regardless of whether they design, purchase, research or use filtration and separation equipment. Plant engineers, technicians and operators should find the course materials directly applicable, and graduate research students will value the expert introduction to the technologies. It is a comprehensive review of the processes involved in the separation of solids from liquids, which will emphasise practical aspects and present appropriate theoretical information as necessary.

### Short Course II

November 11, 2024, 9:00 am - 6:00 pm

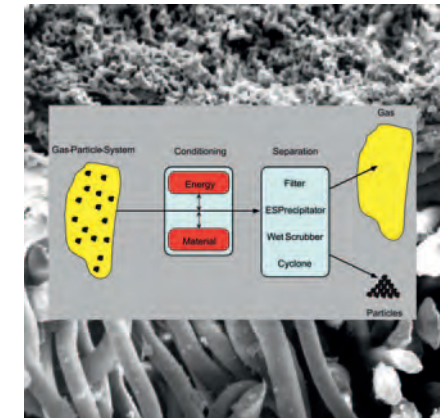
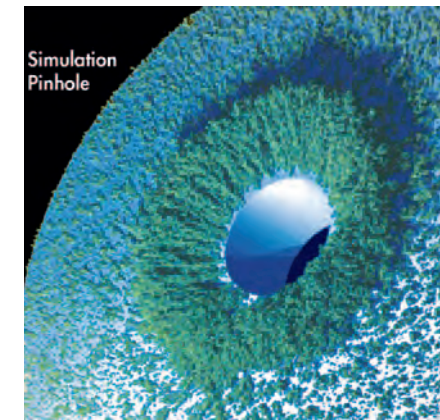
## Air Cleaning and Dust Separation

**Presenter: Prof. Eberhard Schmidt**  
University of Wuppertal, Germany

### Topics

- Evaluation and Selection of Dust Collection Equipment
- Wet Scrubbers
- Centrifugal Collectors / Cyclones
- Electrical Precipitators
- Fibrous Filters / Deep Bed Filters
- Raw Gas Characterisation and Conditioning
- Fabric Filters / Surface Filters

This 1-day "Air Cleaning and Dust Separation" Short Course is of interest to engineers, technicians, scientists, managers, and other personnel involved in gas-solid separation in the process and other industries. They will find the course informative, regardless of whether they design, purchase, research, or use dust separation equipment for product recovery, emission control, air cleaning or process gas cleaning. It is a comprehensive review of the processes involved in the separation of solid or liquid particles from gases, which will emphasise practical aspects and present appropriate theoretical information as necessary.





You are cordially invited to submit your latest research. Abstracts can be submitted until May 31, 2024. We look forward to welcoming you to Cologne!



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**Platform  
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success**

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