

The logo for FILTECH, featuring the word "FILTECH" in a bold, white, sans-serif font on a blue rectangular background. The background of the entire poster consists of large, stylized, overlapping triangles in shades of red and grey, creating a geometric pattern.

FILTECH

February 14 – 16, 2023

Cologne – Germany

The Filtration Event

www.Filtech.de

Call for Papers

**Join the
world's largest
Filtration Event**

Koelnmesse · Cologne · Germany



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 2023 Show the latest innovations will be on display and will provide visitors an exclusive overview and insights into the 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.



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

... present your latest research

FILTECH 2023 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
August 31, 2022

Full Paper Deadline: December 1, 2022

You are cordially invited to present your latest research at FILTECH 2023 to an international audience and network with filtration experts from all over the world.



Presented by leading experts – learn about future ...

... trends and perspectives

FILTECH 2023 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
 - Prof. Eberhard Schmidt
- Germany
Germany

Scientific Committee

- | | | | |
|-----------------------------|---------|-----------------------------------|-----------|
| ■ Prof. Mônica Lopes Aguiar | Brazil | ■ Prof. Dietmar Lerche | Germany |
| ■ Prof. Sergiy Antonyuk | Germany | ■ Prof. Woon-Fong Wallace Leung | China |
| ■ Dr. Harald Banzhaf | Germany | ■ Dr. Hisao Makino | Japan |
| ■ Dr. Wu Chen | USA | ■ Dr. Tuve Mattsson | Denmark |
| ■ Prof. Liang-Yin Chu | China | ■ Prof. Gerd Mauschitz | Austria |
| ■ Prof. Ching-Jung Chuang | Taiwan | ■ Prof. Arunangshu Mukhopadhyay | India |
| ■ Prof. Kyung-Ju Choi | Korea | ■ Prof. Ioannis Nicolaou | Cyprus |
| ■ Prof. Achim Dittler | Germany | ■ Prof. Hermann Nirschl | Germany |
| ■ Prof. Kunihiro Fukui | Japan | ■ Dr. Thomas Peters | Germany |
| ■ Dr. Pascal Ginisty | France | ■ Prof. Urs Peuker | France |
| ■ Prof. Leon Gradon | Poland | ■ Prof. Pierre-Yves Pontalier | Brazil |
| ■ Prof. Antti Häkkinen | Finland | ■ Prof. Sandra Mara Santana Rocha | Australia |
| ■ Prof. Eiji Iritani | Japan | ■ Prof. Peter Scales | Germany |
| ■ Prof. Chikao Kanaoka | Japan | ■ Prof. Hans-Joachim Schmid | Australia |
| ■ Prof. Gerhard Kasper | Germany | ■ Dr. Anthony Stickland | USA |
| ■ Dr. Karsten Keller | USA | ■ Dr. Christine Sun | Sweden |
| ■ Prof. Gernot Krammer | Austria | ■ Prof. Hans Theliander | France |
| ■ Prof. Andrzej Krasinski | Poland | ■ Prof. Dominique Thomas | India |
| ■ Dr. Martin Lehmann | Germany | ■ Prof. Bhaskar N. Thorat | Italy |
| ■ Prof. Markus Lehner | Austria | ■ Prof. Paolo Tronville | Taiwan |
| | | ■ Prof. Kuo-Lun Tung | France |
| | | ■ Prof. Eugène Vorobiev | Germany |
| | | ■ Dr. Matthias Waldenmaier | |



The international Exhibition

The **FILTECH 2023** Show will once again offer Exhibitors a unique possibility to generate new business. The Show will feature 440+ 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.





... 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 2023 website.

You will receive an e-mail confirmation with your abstract number.

For further details see
www.filtech.de → Conference

**Poster
Printing
Service
incl.**

Conference Registration Fees

| | | |
|----------------------|------------------|---------------|
| Day-Ticket | Early bird € 320 | Regular € 410 |
| 3-Day-Ticket | Early bird € 660 | Regular € 850 |
| Short Courses | 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 Exhibition Catalogue

Early bird rate until December 1, 2022. For speakers the early bird rate applies at any time (all prices incl. German VAT).

Submit your abstract until

August 31, 2022

Notice of Acceptance
September 16, 2022

Deadline Full Papers
December 1, 2022

Abstract Preview 2023

The **FILTECH 2023 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.

The screenshot displays the FILTECH 2023 website. The top navigation bar includes links for START, EXHIBITION, CONFERENCE, SHORT COURSES, PRESS & MEDIA, PLAN YOUR TRIP, and CONTACT. A sidebar on the left lists various conference elements: Conference Programme, Plenary & Keynotes 2022, Present Your Paper, Scientific Committee, Conference Topics, Speaker Login, and Conference Archive. The main content area features a large banner for 'PRESENT YOUR LATEST RESEARCH AT FILTECH 2023 CONFERENCE' with the dates '14-16 FEBRUARY 2023 | COLOGNE - GERMANY'. Below this, a section titled 'PRESENT YOUR PAPER' provides detailed instructions for abstract submission, including page limits, content requirements, and presentation types. A 'Poster Printing Service for Short Oral Presenters' is also advertised at the bottom. The right side of the page includes an 'Abstract Upload' button and an 'ACCEPTANCE NOTICE' section with key dates: '16 September 2022' for the Notice of Acceptance and '1 December 2022' for the Full Paper Deadline.

FILTECH

START EXHIBITION CONFERENCE SHORT COURSES PRESS & MEDIA PLAN YOUR TRIP CONTACT

Conference Programme
Plenary & Keynotes 2022
Present Your Paper
Scientific Committee
Conference Topics
Speaker Login
Conference Archive

**PRESENT YOUR LATEST RESEARCH AT
FILTECH 2023 CONFERENCE**

14-16 FEBRUARY 2023 | COLOGNE - GERMANY

PRESENT YOUR PAPER

FILTECH 2023 Conference is the ideal platform to present your latest research to an international audience. 220+ technical papers will deliver solutions for current and future challenges.

Your abstract (word doc) should be 1-2 pages.
Start with title, name(s) of author(s), and affiliation(s). If more than 6 use "et al." Indicate by (*) the presenting author.
Give the preferred type of presentation

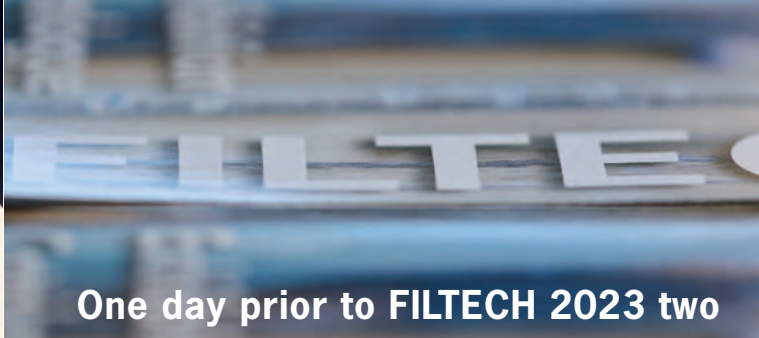
Make the title, background, aim, method and main results as concise as possible.
List 4-8 Keywords. Graphics are allowed.

Abstract Upload

Types of Presentations
20 min presentation or
5 min short oral presentation
in a session room plus presentation in front of the poster in the poster area after the session

ACCEPTANCE NOTICE
16 September 2022
FULL PAPER DEADLINE
1 December 2022

**POSTER PRINTING SERVICE FOR
SHORT ORAL PRESENTERS**



One day prior to FILTECH 2023 two

Short Course I

Solid/Liquid Separation

February 13, 2023, 9:00 am - 6:00 pm

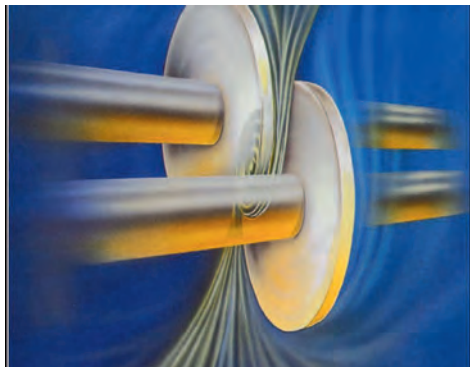
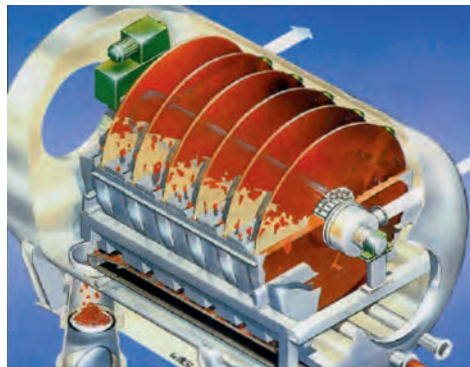
This 1-day Course "Solid/Liquid Separation" is of interest to engineers, scientists, managers and other technical personnel involved in solid-liquid separation in the process and other industries. They will find the course informative, regardless of whether they design, purchase, research or use filtration 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.

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





1-Day Short Courses will be held:

Short Course II Fine Dust Separation

February 13, 2023, 9:00 am - 6:00 pm

This 1-day "Fine 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.

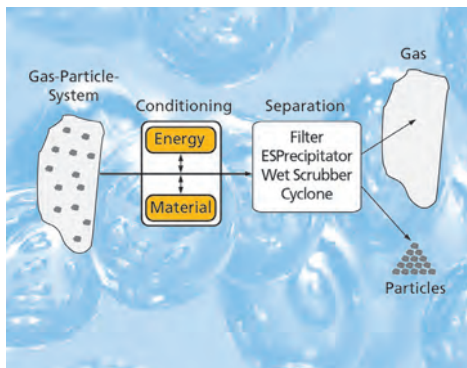
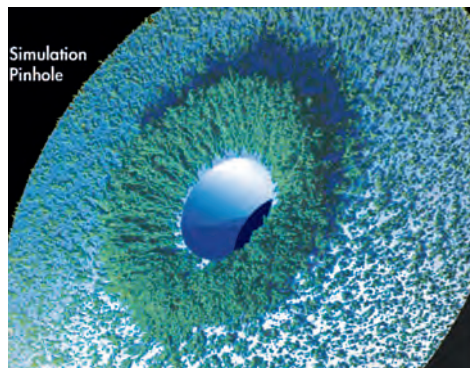
They will find the course informative, regardless of whether they design, purchase, research, or use dust separation equipment for product recovery, emission control, air cleaning or process gas cleaning. It is a comprehensive review of the processes involved in the separation of solid or liquid particles from gases, which will emphasise practical aspects and present appropriate theoretical information as necessary.

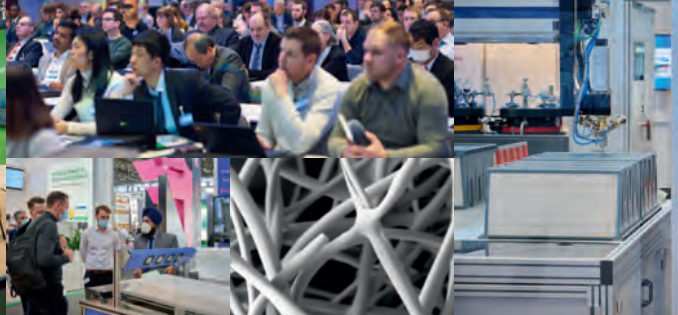
Prof. Eberhard Schmidt

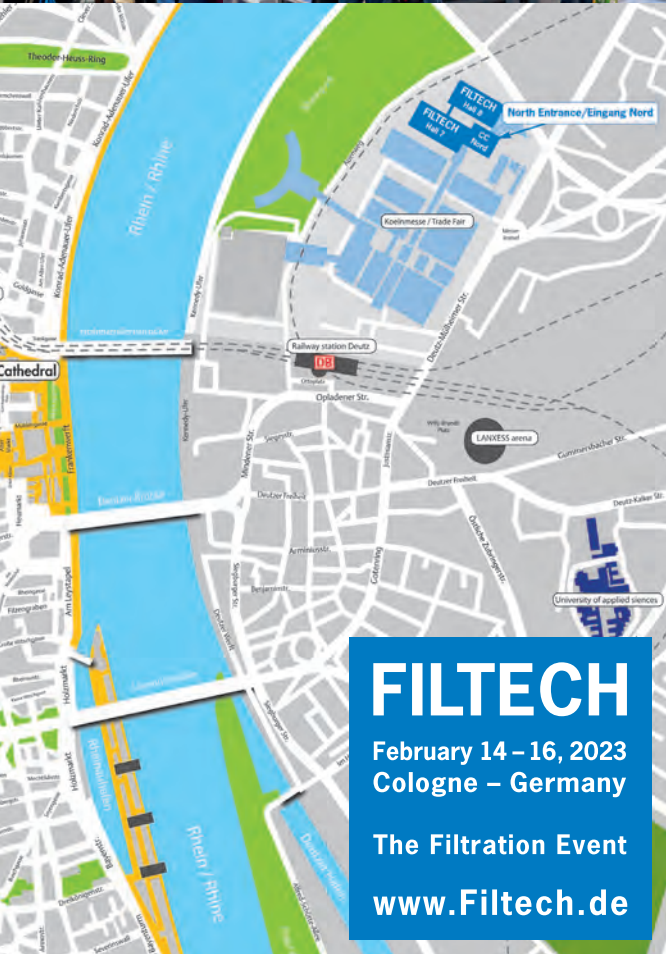
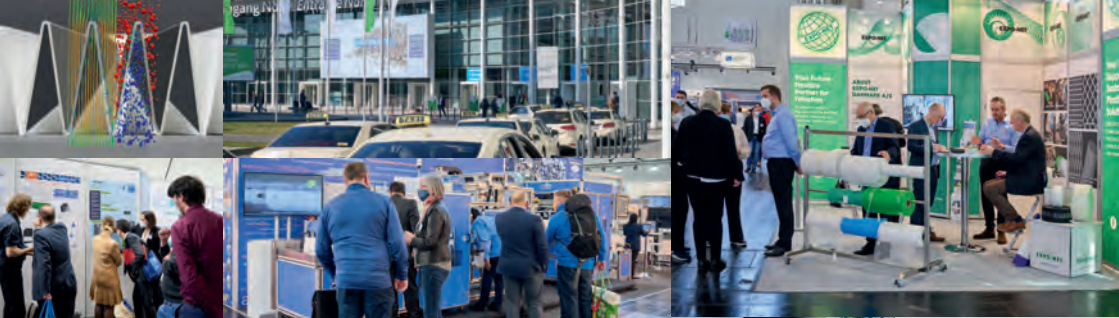
University of Wuppertal, Germany

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








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**Platform
for your
success**

Choose and reserve your Exhibition space online at www.Filtech.de