



Call for Papers

FILTECH

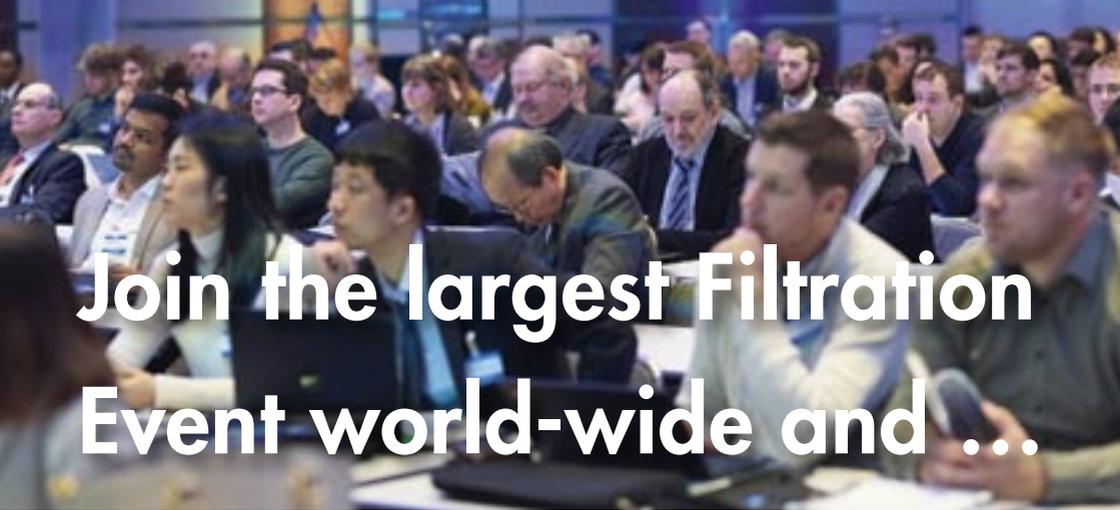
October 22 – 24, 2019
Cologne – Germany

The Filtration Event

www.Filtech.de

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

Koelnmesse · Cologne · Germany



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

... present your latest findings

FILTECH is the largest and most important filtration event world-wide. The international Conference is a must for everybody concerned with purchasing, selling, designing or researching filtration and separation equipment and services.

Submit your abstract until
March 29, 2019

Full Paper Deadline: July 31, 2019

Present your latest findings at FILTECH 2019 to an international audience and network with filtration experts from all over the world.

FILTECH 2019 Conference will feature once again the latest advances and techniques in liquid/solid and gas/particle separation (dust, gas & air filtration). Technology and know-how transfer is a main target.

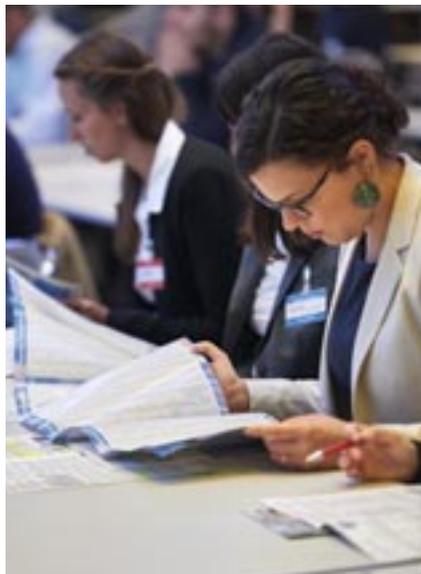


The Filtration Event

FILTECH 2019 will feature 400 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 & simulationsystems and many more associated industries.





Presented by leading experts – learn about future ...

... trends and perspectives

FILTECH 2019 Conference will feature more than 200 technical papers, a Plenary Lecture and 3 Keynote Lectures presented by leading experts. Delegates profit from high-level knowledge transfer!

Plenary Lecture

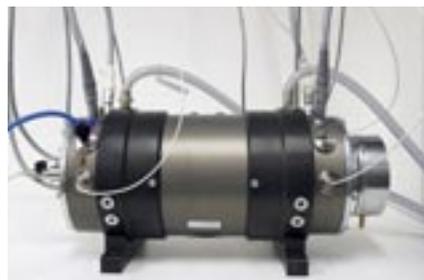


Centrifugation – Key Technology for Solid/Liquid/Liquid Separation

Dr.-Ing. Harald Anlauf,
Karlsruhe Institute of Technology (KIT) / Germany

Particle/liquid separation can be focused on very different tasks like thickening, purification, fractionation, sorting, extraction or deliquoring. The separation has to be mastered for wide ranges of particle size and shape, specific solid and liquid weight, slurry concentration, chemical composition and rheology, flow rate, process and technical boundary conditions and last but not least demands on the separation results. To solve all the separation problems beside centrifuges many physically different methods and in total more than 2000 different apparatuses and machines are available at present, but always new developments can be observed...

Learn more at FILTECH 2019



Prototype of a tube centrifuge with magnetic drive and bearing, carbon fiber reinforced rotor and helium cooling for more than 100.000g



Air Quality Control & Aerosols

Dr.-Ing. Stefan Haep,
IUTA - Institut für Energie- und Umwelttechnik / Germany

Keynote Lectures



Enhancing Filter Media Performance during Industrial Gas Filtration

Prof. Arunangshu Mukhopadhyay,
National Institute of Technology / India



Digitalization of Centrifuges – Helpful or senseless?

Prof. Dr. Hermann Nirschl,
Karlsruhe Institute of Technology (KIT) / Germany



Short Courses

October 21, 2019

9:00 am - 6:00 pm

One day prior to FILTECH 2019 two 1-Day Short Courses will be held:

Short Course I **Solid/Liquid Separation**

Dr.-Ing. Harald Anlauf

Karlsruhe Institute of Technology, Germany, Institute for
Mechanical Process Engineering & Applied Mechanics

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

Short Course II **Fine Dust Separation**

Prof. Eberhard Schmidt

University of Wuppertal, Germany,
Institute of Particle Technology

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



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 2019](http://www.filtech.de) 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 € 300	Regular € 395
3-Day-Ticket	Early bird € 630	Regular € 810
Short Courses	Early bird € 480	Regular € 580

Your Participation includes: Abstract Book, full paper versions on USB Stick, Welcome Reception, Lunches & Refreshments, Cologne Public Transport Ticket, Entrance to the Exhibition and Exhibition Catalogue

Early bird rate until July 31, 2019. For speakers the early bird rate applies at any time (all prices incl. German VAT).

Submit your abstract until

March 29, 2019

Notice of Acceptance
April 18, 2019

Deadline Full Papers
July 31, 2019



Welcome to Cologne

FILTECH 2019 will again be held at the venue Koelnmesse in Cologne. The city is one of the most important centres for economy, trade and science. Cologne also hosts various cultural highlights such as the Cathedral, the historic "old town", museums etc. Koelnmesse's central location, is conveniently situated for all transport links, visitors can quickly reach the exhibition centre by car, train and plane. High-speed ICE trains connect the airports in Frankfurt (FRA), Düsseldorf (DUS), Cologne-Bonn (CGN) directly to the exhibition center via Köln Messe/Deutz station - just a 5-minutes walk to **FILTECH 2019**.

www.filtech.de → travel

enhance your knowledge

face to face communication

be inspired

present your latest research

discover new multidisciplinary research

meet colleagues

spot new trends

publish your work

open up new markets

unparalleled opportunities to network

reach qualified audiences

provide solutions

personal contacts



get leads

network

20 good reasons to join the conference

promote new products & innovations

advance your career

find investors

solutions for all markets and industries

enhance awareness