



**Call for Papers**

**FILTECH**

March 13 – 15, 2018  
Cologne – Germany

The Filtration Event

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

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 designing, researching, improving, purchasing or trading filtration and separation equipment and services.

Submit your abstract until  
**August 8, 2017**

Full Paper Deadline: December 12, 2017

Present your latest findings at FILTECH 2018 to an international audience and network with filtration experts from all over the world.

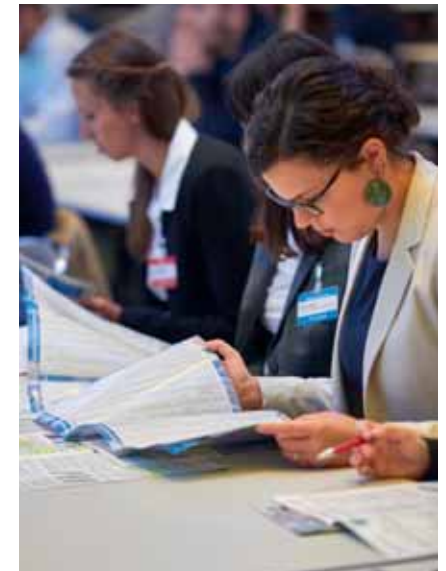
**FILTECH 2018 Conference** will feature once again the latest advances and techniques in liquid/solid and gas/particle separation (dust, gas & air filtration). Technology and know-how transfer is a main target.

## The Filtration Event

**FILTECH 2018** will feature 380 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, particle measurement & analysis systems and many more associated industries.





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

## ... trends and perspectives

**FILTECH 2018** Conference will feature close to 200 technical papers, a Plenary Lecture and 3 Keynote Lectures presented by leading experts. Delegates profit from high-level knowledge transfer!

### Plenary Lecture

**Prof. Dr. Roger Ben Aïm, Scientific Advisor IFTS / France**  
Pore size characterization of a porous media:  
A true need but do we know what we are measuring?

Characterizing the porous structure of a media by a “pore size” has always been a need for the industrials: the hydrogeologists for the qualification of the aquifers, the engineers of the oil industry for the reservoirs, the pharmacologists for the controlled release of drugs, the biologists for the bio membranes which characterize any living system (from cell membrane to the skin), the liquid and gas filtration industry experts (from sand filters to cartridge filters and membrane)... Over the years, pushed by those different industries, methods have been developed by researchers and scientists trying to characterize a pore size of a porous media for a given application.

If the porosity is easy to define (sometimes more difficult to measure precisely though), the definition of a pore is not a given even if, nowadays, 3D imaging might allow to better understand the porous structure with all its complexity...  
... **Learn more at FILTECH 2018**



**Dr. Christine Sun,**  
**American Filtration Society Chair / USA**  
Filter Media Market, Technologies and Trends

**Prof. Dr. Ioannis Nicolaou,**  
**NIKIFOS Ltd. / Cyprus**  
Cake Forming Filtration of Suspensions - From the Theory Based Analysis of Test Data to the Reliable Performance Prediction of Filters and Filter Centrifuges

**Prof. Dr. Kyung-Ju Choi,**  
**Clean & Science / Korea**  
Principle and its implement in designing filter media for liquid and gas filtration applications

### Keynote Lectures



**Short Courses**  
March 12, 2018  
9:00 am - 6:00 pm

One day prior to FILTECH 2018 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 on the FILTECH 2018 website or send it by e-mail attachment (word-format, reference line: ABSTRACT FILTECH 2018) to: [paper@filtech.de](mailto:paper@filtech.de)

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



## Conference Registration Fees

<b>Day-Ticket</b>	Early bird € 300	Regular € 375
<b>3-Day-Ticket</b>	Early bird € 630	Regular € 780
<b>Short Courses</b>	Early bird € 470	Regular € 560

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 December 10, 2017. For speakers the early bird rate applies at any time (all prices incl. German VAT).

Submit your abstract until

**August 8, 2017**

Notice of Acceptance  
September 8, 2017

Deadline Full Papers  
December 12, 2017



# Welcome to Cologne

**FILTECH 2018** 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 2018**.

[www.filtech.de](http://www.filtech.de) → travel

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reach qualified audiences

provide solutions

personal contacts

get leads

network

# 20 good reasons to join the conference

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find investors

*solutions for all markets and industries*

enhance awareness

