

# cleanzone

The cleanroom event

23. + 24. 10. 2018

Frankfurt am Main

Includes the  
conference  
programme

Where clean  
innovation begins.



messe frankfurt

# The best place for pure innovation: Cleanzone.

The best thing about pure innovation:  
It has no limits.



From automotive to cytostatics: Cleanroom technology can be found wherever you look – that's why it is seen as a hidden champion. It plays a key role in making pioneering technologies and the success of innovative high-tech products possible. And it does so in a wide range of fields.

On 23 and 24 October 2018 it will be that time once again: Cleanzone, the trade fair and conference for cleanroom technology, welcomes you to come and find out about the latest trends and innovations. This is where you will find custom cleanroom expertise for production in every sector. Regardless of whether it be for process engineering, microtechnology, medicine, pharmaceutical technology, biotechnology, food production or many other segments, at Cleanzone you will find cleanliness technology specialists with the answers you are looking for.

Here, you can gain a clear picture of the construction and commissioning of cleanroom production facilities and discover everything you need to know about ongoing operations. Pure value. Pure solutions.

## Megatrends of the future

What do energy efficiency, limited resources, climate change, tremendous progress in the field of healthcare, digitisation and nutrition for the ever-increasing global population have in common? Production under cleanroom conditions offers real solutions and innovative technologies for every one of them. In other words, cleanroom technology can be found everywhere – and it is a market with enormous growth potential. Become part of the community and find out how your company can also benefit.



# Expand horizons in insulated rooms: The Cleanzone Conference.

## Pure knowledge and innovation

Participate, inform, benefit – that is the motto of the Cleanzone Conference. The high-calibre conference offers you the opportunity to find out how to make your cleanrooms more efficient, safe and secure from a line-up of internationally respected experts in the fields of industry, science and research.

The focus will be on today's hottest topics, including digitisation, BIM, practical examples of applications and the latest technologies and guidelines for optimum state-of-the-art production under cleanroom conditions.



## Module 1: Cleanroom for life

Tuesday  
23.10.2018  
10:00 – 12:30

- 10:00 – 10:25 **Choosing a cleanroom class: As clean and sterile as necessary and appropriate**  
**Prof. Dr. Horst Weißsieker**  
Expert Consultancy for Cleanroom Technology
- 10:30 – 10:55 **From cleanroom planners to technical cleaners – where established cleanroom systems are pushed to their limits**  
**Ricardo Klering**  
TDK-EPC AG & Co. KG
- 11:00 – 11:25 **People as a risk factor in cleanrooms: Microbiological contamination, staff and production hygiene**  
**Daniela Freundorfer**  
Schuelke & Mayr GmbH
- 11:30 – 11:55 **Keep cool: Controlling cleanroom life**  
**Dr. Christian Raiss**  
Hygiene-Institut AYSID GmbH
- 12:00 – 12:25 **Data and counterfeit protection for computer-supported systems**  
**Michael Müller**  
vali.sys GmbH



## Module 2: Upgrade your cleanroom efficiency

Tuesday  
23.10.2018  
14:30 – 16:45

- 14:30 – 14:55 **Possibilities and limitations of using cleanroom airflow to create clean areas**  
**Prof. Dr.-Ing. Martin Kriegel**  
Technical University of Berlin, Hermann-Rietschel-Institut, Chair of Heating, Ventilation and Air Conditioning
- 15:00 – 15:25 **Cleanroom technology that satisfies requirements without unnecessarily exceeding them**  
**Joachim Ludwig**  
COLANDIS GmbH
- 15:30 – 15:55 **Mobigital – mobile and digital enablers**  
**Dr.-Ing. Dipl.-Phys. Udo Gommel**  
Fraunhofer Institute for Manufacturing Engineering and Automation (IPA)
- 16:00 – 16:45 **The scope of building services engineering in cleanroom technology**  
**Ing. Josef Oswald**  
Daldrop + Dr.Ing.Huber GmbH + Co.KG

# Taking full advantage of potential: innovative technologies.



## Module 3: Clean life sciences – the next level

Wednesday  
24.10.2018  
9:30 – 12:00

- 9:30 – 9:55 **Innovations in the field of cleanroom technology**  
**Nikolaus Ferstl**  
University and University Hospital Regensburg
- 10:00 – 10:25 **Increase in regulatory requirements in cosmetics (GMP): Learnings from the pharmaceutical microbiological control systems**  
**Dipl.-Ing. Michael Ch. Richter**  
Ecolab GmbH
- 10:30 – 10:55 **Containment: Requirements for highly potent substances in aseptic processing**  
**Richard Denk**  
SKAN AG
- 11:00 – 11:25 **Cleanroom disinfection – new developments and hot topics**  
**Karen Rossington**  
Contec, Inc.
- 11:30 – 11:55 **Training proper cleanroom behaviour: The opportunities and limitations of virtual reality**  
**Sebastian Scheler**  
Innerspace GmbH



## Module 4: Modelling the future

Wednesday  
24.10.2018  
13:30 – 15:30

- 13:30 – 13:55 **Are we BIM-ready? Building services engineering as a key structural framework for integral planning**  
**Prof. Dr.-Ing. Christoph van Treeck**  
RWTH Aachen University – E3D: Institute of Energy Efficiency and Sustainable Building
- 14:00 – 14:25 **Clean' ds – cleanroom trends 2020+**  
**Dr.-Ing. Dipl.-Phys. Udo Gommel**  
Fraunhofer Institute for Manufacturing Engineering and Automation (IPA)
- 14:30 – 14:55 **Building information modelling – risks and opportunities for the cleanroom industry. The VDI 2552 guideline series as a framework**  
**Dipl.-Ing. Frank Jansen**  
Association of German Engineers (VDI) Building Technology and Building Services Engineering Departments
- 15:00 – 15:25 **Flexible mobile cleanroom systems – a new area for cleanroom technology**  
**Dr. Matteo Filippi**  
A. I. T. Institute S.p.A.

All of the presentations will be simultaneously translated into English and/or German.

Share expertise.  
Meet experts.  
Leverage success.



### Cleanzone Plaza

**The stage for pioneering developments.**  
Cleanzone Plaza is the central communications platform. It offers visitors numerous free talks right at the heart of the trade fair. Whether it be exhibitor presentations, special events or panel discussions, you can find out everything there is to know about the latest product innovations and the markets of the future.



### Cleanroom Talks

**Discussions with experts.**  
Cleanroom Media invites you to discuss the latest trends in the cleanroom industry with experts in a small, personal group. You can take part: Send us your suggested topics in advance and receive answers to questions regarding your production. Contribute your own ideas.



### Cleanroom Award

**Outstanding innovations.**  
Cleanroom-Academy aims to identify and honour the most innovative, sustainable and efficient concepts in the field of cleanroom technology. A panel of respected experts from the fields of research, instruction and actual practice selects the five most advanced projects as nominees for the Cleanroom Award. The winner is then chosen at the trade fair based on a public vote.



### Cleanzone Campus 2018

**Focusing on research and development.**  
Universities and research institutes are drivers of innovation for industry – particularly in the highly dynamic field of cleanroom technology. At the Cleanzone Campus, research institutes and universities present their projects and findings – providing industry with new ideas for future products and processes.

# Pure utility: Cleanzone – an overview.



## Tickets and prices

### Ticket for the entire trade fair

Register online at [www.cleanzone.messefrankfurt.com/ticket](http://www.cleanzone.messefrankfurt.com/ticket) by 15 September 2018 and receive your two-day trade fair ticket free of charge – it's quite simple.

### Starting on 16 September 2018

Ticket for the entire trade fair	€ 38
One-day admission ticket	€ 26

### Conference ticket prices\*

Number of modules	Price
one module	€ 148
two modules	€ 249
three modules	€ 328
four modules (entire conference)	€ 388

\*including a ticket for the entire trade fair

Students can visit two modules for just € 55 by presenting their student ID on site.

### Cleanzone After-work Party

All tickets entitle you to visit the Cleanzone After-work Party starting at 17:00 on the first evening of the trade fair.

### Opening times

Tuesday 23.10.	9:00 – 17:00
	17:00 Cleanzone After-work Party
Wednesday 24.10.	9:00 – 16:00

Cleanzone 2018 will be taking place in Hall 5.1.

You will find Cleanzone's exhibitors online at:

[www.cleanzone.messefrankfurt.com/exhibitors](http://www.cleanzone.messefrankfurt.com/exhibitors)

You will find all of the information on travel and accommodation at:

[www.cleanzone.messefrankfurt.com/arrival-stay](http://www.cleanzone.messefrankfurt.com/arrival-stay)



Marketing and content partner:

***cleanroom-academy***

A clean room arises from the mind

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