

cleanzone

Trade fair and congress
for cleanroom technology.
27 + 28. 10. 2015
Frankfurt am Main

Includes
the congress
programme



messe frankfurt

Cleanzone – for cleaner solutions.

On 27 and 28 October 2015 it will be that time once again: In Hall 4.0, Cleanzone will be bringing you up to date on the latest developments. Find out about the latest technologies, pioneering production processes and innovations from across the cleanroom spectrum.

Make sure to take advantage of this opportunity, because quality requirements in the field of cleanroom technology are increasing continuously even as legal requirements become stricter.

Where the experts meet: The informative congress.

The Cleanzone Congress will be taking place in the "Europa" conference room (Hall 4.0 Foyer) at the same time as the trade fair. Together with our content partner ReinraumAkademie (Leipzig), we have created an informative programme for you that is of the highest calibre. A panel of internationally recognised experts has selected a line-up of up-to-date scientific presentations and international experts.

To the Cleanzone congress programme:
Please open.



Real-world expertise: High-calibre speakers at the congress.

Basic 1: Cleanroom technology basics Tuesday, 27 October 2015, 10:00 – 12:30

Moderation: **Thomas Raupach, ReinraumAkademie GmbH**

10:00 – 10:25 VDI 2083 – State of the art in
contamination control



Thomas Wollstein
VDI
Düsseldorf (Germany)

10:25 – 11:00 Cleanroom air –
High efficiency filtration technology



Frank Spehl
AAF Lufttechnik GmbH
Oberhausen (Germany)

11:00 – 11:20 Cleanroom cleaning –
A professional technology



Frank Duvernell
profi-con GmbH
Leipzig (Germany)

11:20 – 11:55 Requirements for cleanroom personnel:
behaviour, qualification and documentation



Claudia Pachi
Avantalion Consulting Switzerland AG
Luzern (Switzerland)

11:55 – 12:30 Best Practice – Cleanroom behaviour



Koos Agricola
ICCCS International Confederation of
Contamination Control Societies
Leusden (Netherlands)

Basic 2: Design/Layout/Construction Wednesday, 28 October 2015, 9:30 – 12:00

Moderation: **Prof. Gernod Dittel, Dittel Engineering**

9:30 – 10:10 Cleanroom Design –
Planning, Layout and Logistics



Conor Murray
Irish Cleanroom Society
Dublin (Ireland)

10:10 – 10:50 Opportunities for energy savings
in cleanrooms



Florian Dittel
Dittel Engineering
Kochel/Ried (Germany)

10:50 – 11:25 Developments in cleanroom air filtration



Michael Feldtmann
Camfil KG
Reinfeld (Germany)

11:25 – 12:00 Cleanroom monitoring –
A risk assessment approach



Michael Müller
vali.sys GmbH
Wetzikon/ZH (Switzerland)

You will find the very latest information on the full programme online at:
cleanzone.messefrankfurt.com/congress

Advanced 1: Qualification

Tuesday, 27 October 2015, 14:00 – 16:30

Moderation: Dr. Rüdiger Laub, profi-con GmbH

14:00 – 14:30 Cleanroom qualification –
A step by step approach



Dr. Rüdiger Laub
profi-con GmbH
Leipzig (Germany)

14:30 – 14:50 Assessing technical requirements in
cleanroom standards and regulatory
guidelines for GMP cleanrooms



Steffen Röhm
Pharmaserv GmbH & Co. KG
Marburg (Germany)

14:50 – 15:20 The role of cleanroom isolators –
Comparing GMP operational and
performance qualification



Dr. Thomas Meindl
Labor L&S AG
Bad Bocklet (Germany)

15:20 – 16:00 Aseptic cleanroom qualification –
Experiences of a GMP Inspector



Dr. Jürgen Mährlitz
District Government of Upper Bavaria
Munich (Germany)

16:00 – 16:30 In situ cleanroom air filter testing and
qualification – According to DIN EN 1822



Dr. Peter Hausch
Caverion Deutschland GmbH
Dresden (Germany)

Advanced 2: Process optimisation

Wednesday, 28 October 2015, 13:00 – 15:30

Moderation: Dr. Lothar Gail, Beratung GMP und
Reinraumtechnik

13:00 – 13:40 Cleanroom environmental monitoring –
Real time particle identification



Dr. Oliver Valet
rap.ID Particle Systems GmbH
Berlin (Germany)

13:40 – 14:20 Cleanroom automation – Robotic technology
in material handling and logistics



Heinz Martin Esser
Roth & Rau – Ortner GmbH
Dresden (Germany)

14:20 – 14:55 Cleanroom automation: Control systems and
application in GxP regulated environments



Yves Samson
Kereon AG
Basel (Switzerland)

14:55 – 15:30 Cleanroom energy management –
Addressing the importance and impact
of Relative Humidity

Holger Lasch
Condair AG
Munich (Germany)

The place for innovations: Trade fair highlights.

Communicative: Cleanzone Plaza.

Cleanzone exhibitors

Numerous exhibitors from Germany and abroad will be showcasing their latest products and technologies. Find out about the industry's latest developments and trends from prominent companies and newcomers. Expand your expertise, engage in dialogue and make new contacts to strengthen your network.

Cleanroom Award

Your vote counts! ReinraumAkademie presents the Cleanroom Award to honour projects in the field of cleanroom technology that are notable for their outstanding innovation, sustainability or efficiency. On the first day of the event, the five best concepts as chosen by our jury of experts will be presented, and you will then have an opportunity to vote for the winner. The awards ceremony will take place the next day at Cleanzone Plaza.

Cleanzone After-work Party

On the first evening of Cleanzone you will have the opportunity to join us, the exhibitors and speakers to celebrate a successful trade fair day in a relaxed atmosphere while strengthening new ties.



A central meeting place and information forum in one: That is the Cleanzone Plaza. Presentations, events and panel discussions will be offering you insights into the latest trends and developments on both days of the trade fair.

In addition to informative exhibitor presentations and live demonstrations, this year's Cleanzone Plaza offers you an opportunity to find out more about the next generation of cleanroom technicians, recruiting, training and the interdisciplinary networking of various technologies.

The presentations are free of charge.



Informative: The Cleanzone Plaza Programme.

Important information:
Everything you need to know for your visit.

Day 1

- ⇒ Welcome speech and official opening of Cleanzone
- ⇒ Presentation of the nominees for the Cleanroom Award
- ⇒ Exhibitor presentations on a variety of themes, including technical cleanliness
- ⇒ Main topic: Developing talent, recruiting, the next generation of cleanroom technicians and qualification
- ⇒ Panel discussions exploring current topics and research trends pertaining to cleanroom production
- ⇒ Words of welcome from the International Confederation of Contamination Control Societies (ICCCS)

Day 2

- ⇒ Exhibitor presentations
- ⇒ Presentation of the Cleanroom Award
- ⇒ Panel discussion on the topic "Cleanroom technology basics" for users, employees and suppliers
- ⇒ Presentation of the master's thesis projects from Albstadt-Sigmaringen University
- ⇒ Conclusion

Tickets and prices

Ticket for the entire trade fair

You can book your ticket for the entire trade free of charge until 22 October 2015. Register online at: www.cleanzone.messefrankfurt.com/ticket. Starting on 23 October 2015 tickets will cost EUR 25.– each incl. VAT.

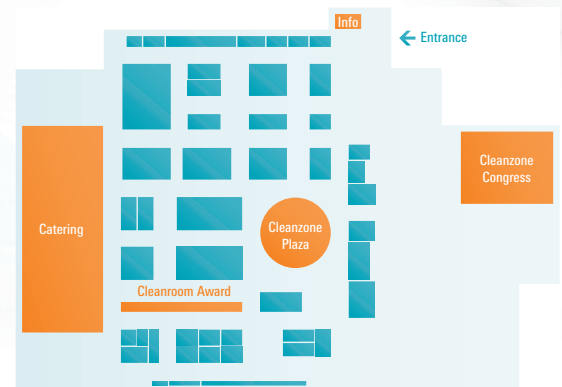
Congress ticket prices (incl. ticket for the entire trade fair)

1 module	EUR 130.–	4 modules	EUR 355.– (ticket for the entire congress)
2 modules	EUR 230.–		
3 modules	EUR 305.–	Student ticket (2 modules)	EUR 50.–

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.

Hall plan, Hall 4.0



Who. When. Where.

Opening times and travel information.

Your bonus:

Our services.

Opening times

Date	Trade fair	Congress
Tu 27.10.2015	from 9:00 to 17:00 *	from 10:00 to 16.30
We 28.10.2015	from 9:00 to 16:00	from 9:30 to 15.30

* Followed directly by the Cleanzone After-work Party

Arrival and stay

Cleanzone will be taking place in Hall 4.0. The trade fair can be reached through the "Torhaus" Entrance. You can also take lines S3, S4, S5 or S6 on the S-Bahn suburban train from Frankfurt Central Station to the "Messe" stop. From there you will be able to follow the signs to Cleanzone on foot. If you are arriving by car, enter via the North Gate. You will be able to park in P4 for a fee.

For more information, our Transport Guidelines and access to our partner hotels, please go to:

www.cleanzone.messefrankfurt.com

Organiser

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Exhibitor search

You won't have far to look: You will find all of the exhibitors under "Exhibitors and products" at: www.cleanzone.messefrankfurt.com

W-LAN service

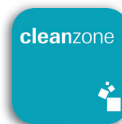
You will have free W-LAN all over the exhibition grounds.

Newsletter

Don't miss out on anything – sign up for the Cleanzone Newsletter. Simply register at: www.cleanzone.messefrankfurt.com/newsletter

Cleanzone App

The mobile source of orientation for your visit to Cleanzone.



Available free of charge
at our App Store.

Strong partners:
Our 2015 partners.

Visit us:
At Cleanzone 2015.



Clean Air and
Containment
Review



Marketing and content partner/
responsibility for the congress content:

cleanroom-academy
A clean room arises from the mind



Cleanzone – pure solutions.

As legal and quality requirements grow stricter, the topic of cleanroom technology is growing ever more important. Cleanzone focuses on pioneering technologies, modern production processes and innovations from across the cleanroom spectrum.

On 27 and 28 October 2015 it will be that time once again: Take part and talk with recognised cleanroom experts and professionals. Find out practical ways in which you can use cleanroom technology to optimise your production operations.