

cleanzone

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21 + 22.10. 2014
Frankfurt am Main

- ⇒ Cleanroom solutions for high-tech production
- ⇒ in Life Science & Micro-technology
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High-calibre: International experts at the congress

Basic 1: Cleanroom construction & planning Tuesday, 21 October 2014, 9:30 – 12:00

9:30 – 10:05 From cleanroom standards to cleanroom operations



Dr. Lothar Gail
Consulting GMP
Wiesbaden
(Germany)

10:05 – 10:40 Planning a cleanroom – practical example



Alexander Mayr
Head of Implant Manufacturing MED-EL
Medical Electronics
Innsbruck (Austria)



Christian Dragosits
Group Leader System Engineering MED-EL
Medical Electronics
Innsbruck (Austria)

10:50 – 11:25 Air handling concepts for cleanrooms



Eric Stuiver
Director Clean Technology Practice Deerns
Eindhoven
(Netherlands)

11:25 – 12:00 Systems classification – GMP Compliance



Dipl.-Ing. Hubert Rott
Head of qualification & validation
Dittel Engineering
Kochel/Ried (Germany)

12:00 – 12:30 Follow-up panel discussion at
Cleanzone Plaza

Basic 2: Operation of cleanrooms Wednesday, 22 October 2014, 9:30 – 12:00

9:30 – 10:05 Selection and Use of cleaning agents and disinfectants



Rachel Blount
Global Validation Manager Ecolab Ltd.
Neath
(United Kingdom)

10:05 – 10:40 Cleanroom clothing



Markus Schad
Managing Director decontam GmbH
Bad Windsheim
(Germany)

10:50 – 11:25 Effective employee training/qualification –
every speaker's nightmare:
sent by instruction of the company



Rolf Zimmermann
Trainer ReinraumAkademie GmbH
Leipzig
(Germany)

11:25 – 12:00 Cleanroom monitoring systems –
Measurement alone is not enough!



Michael Müller
CEO vali.sys GmbH
Wetzikon
(Switzerland)

12:00 – 12:30 Follow-up panel discussion at
Cleanzone Plaza

12:30 – 13:00 Presentation of the Cleanroom Award

Advanced 1: New cleanroom applications

Tuesday, 21 October 2014, 14:00 – 16:30

14:00 – 14:35 **Keynote speech: Future challenges to aerospace medicine**



Prof. Dr. med. Rupert Gerzer
Director Institute of Aerospace Medicine,
German Aerospace Center
Cologne (Germany)

14:35 – 15:10 **Energy saving new work item TC-209 – Where can you save energy in the cleanroom?**



Nigel Lenegan
Director Energy & Carbon Reduction Solutions
Lancashire (United Kingdom)

15:20 – 15:55 **OLED – Technology of the future**



Dr. Manfred Weigand
Head OLED Strategic Marketing Merck KGaA
Darmstadt (Germany)

15:55 – 16:30 **MEMS – a challenge for clean production**



Dr. Kilian Bilger
Director Microsystem Technologies –
Corporate Research, Robert Bosch GmbH
Stuttgart (Germany)

16:30 – 17:00 **Closing discussion (congress)**

Advanced 2: Operation of cleanrooms

Wednesday, 22 October 2014, 13:00 – 15:30

13:00 – 13:35 **Uniform dispersal of hydrogen peroxide in rooms and airlocks**



Josef Ortner
CEO Ortner Reinraumtechnik GmbH
Villach (Austria)

13:35 – 14:10 **Best in Class – Practical Examples for Gowning Procedures**



Frank Duvernell
Managing Director,
ReinraumAkademie GmbH
Leipzig (Germany)

14:20 – 14:55 **Energy efficiency opportunities in HVAC systems for Biopharma cleanrooms**



Con Leddy
Principal Energy Efficiency Specialist,
PM Group
Dublin (Ireland)

14:55 – 15:30 **Cleanroom monitoring under the conditions of a highly automated semiconductor production**



Christoph Hocke
Staff Engineer, Infineon
Technologies Dresden GmbH
Dresden (Germany)

15:30 – 16:00 **Closing discussion (congress)**

Cleanzone – pure solutions

Quality requirements in the field of cleanroom technology are increasing continuously even as legal requirements are becoming stricter. On 21 and 22 October in Hall 1.1, Cleanzone will bring you up to date on the latest developments – because this event is focused on pioneering technologies, modern production processes and innovations from across the cleanroom spectrum.



■ Product groups ■ User branches ■ Life Sciences ■ Micro-technology

Looking ahead: Trade fair highlights

Cleanzone exhibitors

International exhibitors offer you an incomparable range of products and innovations. Find out about the latest developments and trends from prominent companies and newcomers. Expand your expertise, engage in dialogue and strengthen your network.

Cleanzone Plaza

Presentations, events and panel discussions right at the heart of the trade fair will showcase the latest developments for you. Please find the complete programme at: www.cleanzone.messefrankfurt.com/plaza

Cleanroom Award

ReinraumAkademie presents the Cleanroom Award to projects 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 the opportunity to vote for your favourite. The awards ceremony will take place the next day at Cleanzone Plaza.

Cleanzone After-work Party

Be our guest and let the first day fade away with us, the exhibitors and speakers, in a creative atmosphere. Celebrate a successful trade fair day while networking and strengthening new contacts.