

INTERVIEW

Making the invisible visible

- **Walter Ritz, Senior Consultant Pharma, TÜV SÜD Cleancert**

The Cleanroom Village – powered by Chillventa takes place this year for the first time at Chillventa 2010. This highly specialized show will reflect the whole spectrum of cleanroom technology, the ultimate form of air conditioning. In this interview, Walter Ritz, Senior Consultant Pharma at TÜV SÜD Cleancert, provides initial insights into cleanroom technology. He also actively supports the Cleanroom Village with his professional expertise.

Mr Ritz, why are cleanrooms a suitable topic for Chillventa?

Walter Ritz: “Cleanrooms even fit in perfectly at Chillventa and create synergies. The Cleanroom Village is an ideal extension to the existing range of products at Chillventa, because cleanroom technology is the ultimate form of air conditioning. So Chillventa is the best place for it. The Cleanroom Village gives visitors and exhibiting companies a special platform for exchanging views and dialogue. I see the Cleanroom Village – powered by Chillventa as a cross-industry expert forum that will also appeal to the broad base of visitors at Chillventa as well as to the cleanroom professionals.”

What's in store for the experts in the Cleanroom Village?

Walter Ritz: “A high-quality special show designed specifically for cleanrooms, at which companies can present their products again with a clear focus on this theme. There will also be a parallel forum with presentations and a live show. Here top cleanroom experts will give presentations and discuss current issues. The show focuses on aspects ranging from fundamentals, current technology trends and certification requirements to necessary training measures for staff qualification. A live show under the motto of ‘We make the invisible visible’ will visualize the effects of clothing and movement using online particle measurement.”

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What are the target groups for the Cleanroom Village?

Walter Ritz: “A wide variety of industries already use cleanrooms today, for example, the pharmaceutical, chemical, food or microelectronics industries. Their use in aerospace, medical engineering, the automotive industry or photovoltaic manufacture is comparatively new. They all need components from their suppliers that are produced under exactly controlled and traceable conditions – and this is only possible in clean and ultra-clean rooms. One very important example of their use is in nanotechnology, where cleanrooms are enormously important for protecting the health of employees by preventing contact with these nanoparticles and at the same time avoiding cross-contamination.”



Cleanroom expert: Walter Ritz, Senior Consultant Pharma, TÜV SÜD Cleancert, supports the Cleanroom Village – powered by Chillventa.

Overview of topics in the Cleanroom Village in 2010

- Fundamentals of cleanroom technology
- Cleanroom certification
- GMP project procedure & documentation
- Cleanroom equipment
- Air treatment and cleanroom air conditioning
- Cleanroom monitoring
- Maintenance and service for cleanrooms
- Protective clothing for cleanrooms
- Training and qualification of cleanroom staff
- Cleaning of cleanrooms
- New developments and improvements

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