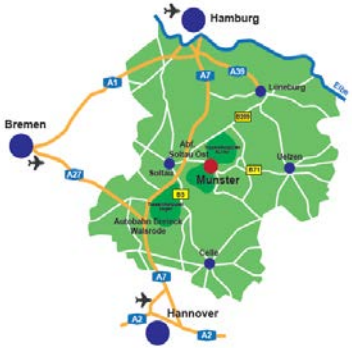
Impressions from the 8th Symposium on CBRN Protection and Decontamination, May 2019

Photos: WIS



A call for papers will be sent out soon.

To join our mailing list and receive further information:

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Bundeswehr Research Institute
for Protective Technologies
and NBC-Protection

is proud to announce the

9th International Symposium on Physical Protection and Decontamination

Munster, 12 to 15 June 2023

Bundeswehr
Wir. Dienen. Deutschland.

Physical Protection and Decontamination represent two of the three fundamental pillars in CBRN defence – PROTECT and RESTORE.

In a 3 days symposium, international experts will meet and exchange their knowledge, research, developments and use of CBRN defence technologies in these areas.

This conference will

- consider all aspects of CBRN decontamination and physical protection (e.g. decontamination technologies, -procedures and control, protective equipment, burden, ergonomics, logistics, costs).
- focus on all levels of testing complexity (e.g. swatches, components, systems).
- laboratory testing, field trials, modelling and simulation.
- take into account new threat scenarios (e.g. defence against terrorism, TIM, 4th Generation CWA).
- cover fundamental research and development aspects as well as concepts for use.

The symposium is aimed at international MOD or departments of Civil Defence, procurement and technology agencies, research institutes, military CBRN experts and industry.

Physical Protection

New kinds of agents and ways of delivery need to be recognized. Especially the dispersion of agents as aerosol need to be focused on. IPE coping with these threats while offering a reduced physiological burden is urgently needed. Pandemic situations require means of protection of deployed forces against infectious diseases. The availability and the appropriate design of COLPRO facilities for critical assets, taking into account the dramatically changed threat situation, needs to be reconsidered.

The focus will be on:

- Improved methods to address hazards caused by dramatically political changes
- CBRN-protective suit and respiratory technology covering extended threat exposure including FGA and aerosols)
- Innovative and modular CBRN-COLPRO solutions to protect critical assets
- Intelligent material solutions for dermal and breathing protection

POC protection: Friedrich Hesse

Decontamination

The worldwide pandemic has shown the high demand for effective disinfection. The implications Russian attack on Ukraine with yet unforeseeable impact on requirements for decontamination in military missions. Having been exposed to biological or chemical warfare agents, radioactive fallout or Toxic Industrial Chemicals, mission-essential materiel needs to be decontaminated as soon as possible to ensure that damaging effects are minimized and mission readiness is restored.

The focus will be on:

- Innovative methods, decontaminants & technologies for C-,B- and R/N decontamination
- Improvement of fielded technologies
- Automation and process control
- Sensitive equipment decon
- Decontamination of infrastructure
- Risk assessment and decon control
- FGA and Incapacitating Agents

POC decontamination: Dr. Nikolaus Schneider