

WORKSHOP PROGRAMME



Platinum Partner MEDICAL Workshop

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31 CBRN Regiment Liberec

314 Warning and Reporting Centre Hostivice

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University of Defence

Fire Rescue Service

Prague City Hall

Emergency Medical Service

Czech Red Cross

MEDICAL WORKSHOP IS A PART OF THE WORLD CBRN & MEDICAL CONGRESS (CEBIRAM)

THURSDAY, 20 OCTOBER 2016

PVA EXPO PRAHA, HALL 2

12:15 - 17:00 **Registration**

12:15 - 12:45 **Poster Sessions**

13:00 - 17:00 **Moderated by:** LTC Jaroslav PEJCHAL - Faculty of Military Health Sciences, University of Defence, CZE

13:00 - 13:10 **MEDICAL WS Introductory Remarks and Welcome Speech**
COL (GS) Zuzana ŠINKOROVÁ - MEDICAL WS Chairperson, Head Department of Radiobiology, Faculty of Military Health Sciences, CZE
Prof. Jiří KASSA - MEDICAL WS Co-Chairman; University of Defence, Faculty of Health Sciences/Department of Toxicology, CZE

13:10 - 13:30 **Bioterrorism - Impact to the Public Health**
Mr. Walter GABER - Vice President and Medical Director Frankfurt Airport, DEU

13:30 - 13:50 **The Evolution of Biocontainment Care: Identifying US Lessons-Learned from the West Africa Ebola Outbreak**
MAJ Thomas CARDILLE – NATO CBRN MED Working Group, USA

13:50 - 14:10 **Investigation of Microbial-host Interactions for Development of Decontamination and Biodefence Strategies**
1LT Klára KUBELKOVÁ - University of Defence, Faculty of Military Health Sciences, Department of Molecular Pathology and Biology, CZE

14:10 - 14:30 **The Opportunity for Future Military Healthcare Needs**
CEBIRAM Platinum Partner Presentation - Mr. Derek TARRANT - Military & Disaster Relief International Account Manager, PHILIPS Healthcare, GBR

Stand No. 367



14:30 - 14:50 **Coffee Break & Networking**

14:50 - 15:10 **Idylla™ Medical Diagnostic System and Mobile Laboratory**
Medical Workshop Platinum Partner Presentation – Mr. Rudi PAUWELS – CEO, BIOCARTIS

Stand No. 434



15:10 - 15:30 **Some Possibilities to Study new Prophylactics Against Nerve Agent Poisoning**
COL (Ret.) Jiří BAJGAR -Department of Toxicology and Military Pharmacy, Faculty of Military Health Sciences, University of Defence, CZE

15:30 - 15:50 **Nerve Agent Poisoning: Intensive Research is Necessary to Close Existing Therapeutic Gaps**
COL Prof. Horst THIERMANN - Chief of Bundeswehr Institute of Pharmacology and Toxicology, DEU

15:50 - 16:10 **The Use of the NIO Intraosseous Device in a CBRN Environment**
Industry presentation - Mr. Kobi LUDWIN - Senior Manager, Sales and Business development, PerSys Medical

Stand No. 386



16:10 - 16:30 **Critical Skills Retention and Readiness for Military Trauma Surgery**
LTC Philip MULLENIX - Cardiothoracic Surgeon Walter Reed National Military Medical Center, USA

16:30 - 16:50 **CBRN Medical Training**
Mr. Steven A. BLAND - Surgeon Commander, Defence Specialist Advisor in CBRN Medicine Royal Navy, GBR

16:50 - 17:00 **Closing Remarks** - COL (GS) Zuzana ŠINKOROVÁ - MEDICAL WS Chairperson, Head Department of Radiobiology, Faculty of Military Health Sciences, CZE

08:30 - 14:30 Registration

08:45 - 09:15 Poster Sessions

09:30 - 14:30 Moderated by: LTC Jaroslav PEJCHAL - Faculty of Military Health Sciences, University of Defence, CZE

09:30 - 09:40 **MEDICAL WS Introductory Remarks and Welcome Speech**
COL (GS) Zuzana ŠINKOROVÁ - MEDICAL WS Chairperson, Head Department of Radiobiology, Faculty of Military Health Sciences, CZE
Prof. Jiří KASSA - MEDICAL WS Co-Chairman; University of Defence, Faculty of Health Sciences/Department of Toxicology, CZE

09:40 - 10:00 **Lifesaving Interventions in a CBRN Environment**
COL Erwin DHONDT - Director Health & Well-Being Policy, Defense Staff Department Well Being, BEL

10:00 - 10:20 **MiniTEM™ a Broad Range Viral Pathogen Detection System**
Industry presentation - Mr. Martin RYNER - Head of Instruments at Vironova AB

Stand No. 387



10:20 - 10:40 **Coffee Break & Networking**

10:40 - 11:00 **Biodosimetric Methods in the Army of Czech Republic**
COL (GS) Zuzana ŠINKOROVÁ - MEDICAL WS Chairperson, Head Department of Radiobiology, Faculty of Military Health Sciences, CZE

11:00 - 11:20 **Activities of the NATO HFM-222 Research Task Group on Ionizing Radiation Effects and Medical Countermeasures**
Mr. Francis HÉRODIN - Chair of NATO HFM-222 RTG, Expert in Radiobiology at the French Army Biomedical Research Institute, FRA

11:20 - 11:40 **The Trends and Challenges in Radiobiology: Applications in Radiological Medical Countermeasures**
Mr. William F. BLAKELY - Senior Scientist, Radiation Biodosimetry Armed Forces Radiobiology Research Institute, Uniformed Services University of Health Sciences, USA

11:40 - 12:00 **Detection of DSB Repair Foci as a Potent Tool in Biodosimetry and Cancer Research**
Mr. Martin FALK - Head of Department of Cell Biology and Radiobiology, Institute of Biophysics, The Czech Academy of Science, CZE

12:00 - 12:20 **US Radiological Agent Analysis**
LTC H. Mike STEWART, Jr. - CBRN Branch Chief, Health Care Operation Directorate, Headquarters, Department of the Army Office of The Surgeon General, MEDCOM, USA
Mr. Carl A. CURLING - Office of the Army Surgeon General in Support of National and NATO Requirements, USA

12:20 - 13:20 **Lunch Break & Networking**

12:30 - 12:45 **Poster Sessions**

13:20 - 13:40 **Medical CBRN as Educational Path Through a New Way of Cooperation**
Mr. Frederico BENOLLI - Research Analyst, Observatory on Security and CBRNe Defence – OSDIFE, ITA

13:40 - 14:00 **PHYSIOMODEL – Large Scale Integrated Model of Human Physiology as a Core of a Sophisticated Medical Simulators**
Mr. Jiří KOFRÁNEK - Head of Laboratory of Biocybernetics, 1st Faculty of Medicine, Charles University, CZE

14:00 - 14:10 **Closing Remarks** - COL (GS) Zuzana ŠINKOROVÁ - MEDICAL WS Chairperson, Head Department of Radiobiology, Faculty of Military Health Sciences, CZE

*Designated time for a presentation includes time for questions from the audience.
The order of speakers and timings may be changed.*

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