

WORLD CBRN & MEDICAL CONGRESS

17 - 19 October 2018, Prague, Czech Republic

Specialized Partners:



Chairman:
BG Zoltán Bubeník, MD
Director of Military Medical Agency, CZE

Preamble:

The World CBRN and Medical Congress (CEBIRAM) would like to follow up on the successful FFF 2016 edition.

As of today, we are facing evolving threats from both state and non-state actors that includes range of complex challenges, including hybrid warfare, terrorism, cyber-attacks, migration, highly contagious disease and wide range of events involving weapons of mass destruction (WMD), chemical, biological, radiological, and nuclear (CBRN) and health threats.

Civil-military cooperation and crisis preparedness of all stakeholders in medical and CBRN areas are to be crucial after significant security challenges over the world during past years.

Part of discussion will be focused on new forms of force health support and protection, tools and techniques for field medical training including non-military medical facility readiness, and new advances in medical research and development.

The full extent of the potential CBRN threats cannot be predicted because these threats can evolve in non-linear ways, and can be affected by a number of outside factors, including meteorological conditions, economy (Toxic Industrial Threats), flow of goods and people, etc. Such uncertainty can make it difficult to determine the nature or origin of such a threat, and complicate responses efforts when detailed information is not yet available.

Effective responses to CBRN crisis events often require the initiation of a response before the origin or full extent of the event is understood, which requires familiarity with various aspects of diverse scenarios that can only be achieved through advanced consideration. Advance planning together with the flexibility for a wide range of future CBRN response efforts.

The Congress will focus on the following topics:

17. 10. 2018

Discussion Forum/PLENARY – Topic at Strategic Level

- CIVIL-MILITARY COOPERATION AND CRISIS PREPAREDNESS

18. - 19.10. 2018

THEMATIC SESSIONS – Topics at Operational Level

CBRN Conference:

- CBRN Task Forces
- Capability Indicative Roadmap – WMD Disablement, CBRN Forensics, Special Reconnaissance
- CBRN Search; Aerial Monitoring
- CBRN Counter Proliferation in the Sea (Boarding Proliferation Operations)
- Innovation and Technology Implementation
- Bio Threats – Prevention and Efficient Response

MEDICAL Conference:

- Forms of Medical Support during the War / Humanitarian Crises
- Lessons Learned from Operations, Missions, Terrorist Attacks, Crisis Situations and Exercises
- Force Health Support and Protection
- Medical Concept Development & Experimentation
- Innovation and Technology Implementation
- Robotics in Medical, Telemedicine

18. 10. 2018

NATO MED CD&E (Concept Development & Experimentation) Workshop will focus on the following topics:

- NATO CD&E process
- NATO MED CD&E Activities
- NATO MED CD&E Themes
- MED CD&E Experience/Lessons Learned from Table Top Exercise (Medical Modular Approach)
- MED CD&E Experience/Lessons Learned from LIVEX (Vigorous Warrior 2017, Trident Juncture Exercise 2018)

NATO MED CD&E WS

Workshop will create a unique opportunity to share/exchange experiences and achievements of medical Concept Development and Experimentation Activities conducted recently within NATO.

Concept Development and Experimentation (CD&E) is a relatively new trend within NATO Medical Arena, which comprised mutually supportive activities, relevant to NATO's transformational process in order to support MED Capability Development. CD&E has proven high potential to ensure that newly developed NATO concepts are being exercised/tested across the full capability requirement spectrum.

Exercise VIGOROUS WARRIOR 2017 (VW'17) engaged military medical elements from 28 NATO/ PfP Nations in an effort to train develop and enhance NATO's scarce capabilities. It created an excellent opportunity to perform MED CD&E Activities for the first time ever, during LIVEX.

There were three identified themes for VW'17 Experimentation Activities, strongly supported by the NATO Centre of Excellence for Military Medicine (MILMED CoE):

- Interoperability/Modularity
- Civ/Mil cooperation interface
- Bio responsiveness

Endorsed by:



General R&D Partner



CONGRESS PROGRAMME COMMITTEE



BG Zoltán Bubeník, MD
Director, Military Medical Agency,
CZE representative in COMEDS, CZE
Chairman CEBIRAM



COL (GS) Vratislav Osvald
Director, NATO JCBRN Defence
Centre of Excellence, NATO
**Vice-chairman CEBIRAM -
Chairman CBRN Conference**



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Director, Military Medical Department
- Division of Support, Ministry of
Defence, CZE
**Vice-chairman CEBIRAM -
Chairman MEDICAL Conference**



COL László Fazekas, MD
Director, NATO MILMED COE, NATO
**Vice-chairman CEBIRAM
- Chairman NATO MED CD&E
Workshop**



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Deputy Minister – Head of the
Armaments and Acquisition
Division, Ministry of Defence, CZE
Honorary Chairman



Prof. Roman Prymula, MD, Ph.D.
Deputy Minister of Health, CZE
Honorary Chairman



MG Jaromír Zůna, Ph.D., M.Sc.
MoD Support Division Director, CZE
Honorary Chairman



**BG (Ret.) Assoc. Prof. Leo Klein,
MD, Ph.D.**
Plastic and Burns Surgeon, Former
NATO ACE Medical Advisor, Former
Surgeon General, CZE
Honorary Chairman



COL (GS) Ondřej Havel
Chief of Chemical Corps of the Army,
CZE
Honorary Chairman



Mr. Libor Hadrava
Councillor for Safety, Prague City
Hall, CZE
Honorary Chairman

Members (in alphabetical order)

LTC Jan Beneš, Dipl. Eng. – Chemical Corps of the Czech Armed Forces, CZE

Mr. Pavel Častulík, Ph.D. – Team leader for the On-site Technical Assistance to the Chemical, Biological, Radiological and Nuclear Centres of Excellence Secretariats in Georgia, Kenya, and Morocco for the regions of the South East and Eastern Europe, the East and Central Africa and the African Atlantic Façade, EU

MG (Ret.) Jiří Halaška Dipl. Eng., Ph.D. – Deputy Head of Health Care Disciplines and Population Protection Department in the Faculty of Biomedical Engineering, Czech Technical University in Prague, CZE

COL Jiří Chalupa – Attaché, Civil Protection, Permanent Delegation of the Czech Republic to NATO, CZE

Mr. Jaromír Jiříček, Dipl. Eng. – Ministerial Councillor / CBRN Responsibility, Ministry of Defence, CZE

COL Radoslav Krupka, D.V.M. – Deputy Director, Military Health Institute, CZE

COL Peter Májovský, MD – Chief Interoperability Branch, NATO Centre of Excellence for Military Medicine, NATO

COL David Martínek, Dipl. Eng. – NATO JCBRN Defence Centre of Excellence, NATO

Mr. Milan Mráz, Dipl. Eng. – Main Technician of Fire Service, Prague Airport, CZE

COL (Ret.) Miroslav Musil, Ph.D. – Faculty of Logistics and Crisis Management, Department of Population Protection, Tomas Bata University in Zlín, CZE

Prof. Leoš Navrátil, MD, Ph.D. – Head of Department of Health Care Disciplines and Population Protection of the Faculty of Biomedical Engineering, Czech Technical University in Prague, CZE

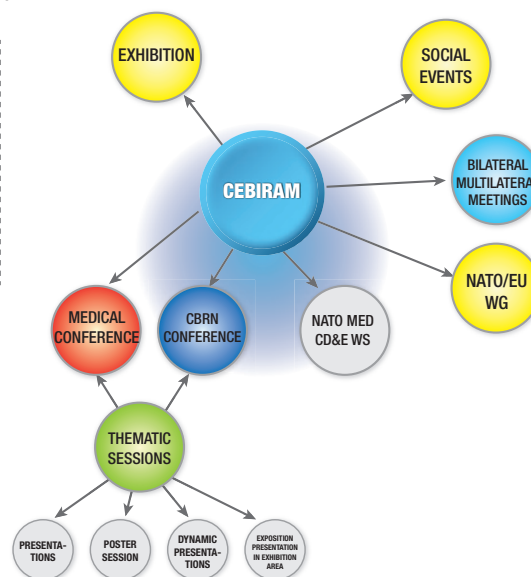
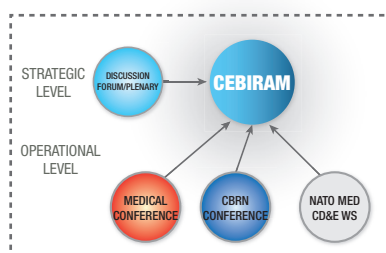
COL Libor Piša, MD – Director, Military Health Institute, CZE

COL Rostislav Richter, Dipl. Eng. – Director of Population Protection Institute, General Directorate of Fire Rescue Service, CZE

COL (Ret.) Dr. Jaroslav Ševčík – Ministerial Councillor / CBRN Responsibility, Ministry of Defence, CZE

Mr. Jaroslav Žižka, MD – Director of Department of Health Services, General Directorate of the Prison Service, CZE

**WORLD CBRN & MEDICAL
CONGRESS (CEBIRAM)**



CONGRESS, CONFERENCES AND WORKSHOP

Date: 17 - 19 October 2018
Venue: PVA EXPO PRAHA, Beranových 667, Prague, Czech Republic
Type of Event: Non-Classified

Preliminary Programme

Day 1 Wednesday, 17 October 2018

10.00 - 13.15 CEBIRAM Registration
 13.30 - 14.00 **Congress Opening**
 14.00 - 16.00 **Discussion Forum/Plenary**
 Strategic Level Topic:
 ■ *Civil-Military Cooperation and Crisis Preparedness*
 16.00 - 17.00 Future Forces Exhibition Tour

Day 2 Thursday, 18 October 2018

08.30 - 09.15 Registration
 09.30 - 09.45 **CBRN Conference Opening**
 09.30 - 09.45 **MEDICAL Conference Opening**
 09.45 - 11.30 **Thematic Sessions** (*Audio-visual presentations, Interactive Presentations*)
 11.30 - 12.15 Poster Session
 12.15 - 12.45 Lunch & Networking
 12.45 - 13.30 Exposition Presentation in Exhibition Area
 13.30 - 16.00 **CBRN Conference - Thematic Session**
 (*Audio-visual presentations, Interactive Presentations*)
 13.30 - 16.00 **NATO MED CD&E Workshop**
 (*Audio-visual presentations, one by one followed by panel discussion block*)
 16.00 - 17.00 Social Event for Speakers

Day 3 Friday, 19 October 2018

08.30 - 09.15 Registration
 09.30 - 09.45 **CBRN Conference Opening**
 09.30 - 09.45 **MEDICAL Conference Opening**
 09.45 - 11.30 **Thematic Sessions** (*Audio-visual presentations, Interactive Presentations*)
 11.30 - 16.00 Future Forces Exhibition Tour, Networking

Proceedings:

The Congress and Conferences proceedings will be in English. All papers and reference documents will be accessible within 21 days after the event. Access to the FTP (File Transfer Protocol) site is included in the delegate registration.

CONTACTS



Contact for Participants

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Contact for Participants

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Contact for Exhibition and Partnership

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Accommodation and Transportation

Mrs. Pavla Šebestová
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OTHER IMPORTANT INFORMATION

Conditions for Participants

For on-line registration and more detailed information please visit
www.future-forces-forum.org

Speakers/Poster Presenters

Presentation – speech, live demo, poster within the Official Expert Programme

- GOVERNMENT, MILITARY, WAR VETERANS, POLICE, FIREFIGHTERS, PRISON SERVICE, CUSTOMS SERVICE, ACADEMIA, STUDENTS **FREE OF CHARGE**
- Industry **Starting from 440 EUR**

Presentations are subject to availability and acceptance by the Programme Committee.

Prices exclude VAT.

Visitors

- GOVERNMENT, MILITARY, WAR VETERANS, POLICE, FIREFIGHTERS, PRISON SERVICE, CUSTOMS SERVICE, ACADEMIA, STUDENTS, SPEAKERS, VIP GUESTS **FREE OF CHARGE**
- Industry **Starting from 70 EUR**

All admission fees include VAT.

Partnership

- International and national governmental bodies **FREE OF CHARGE**
- Industry, Academia **Starting from 2 000 EUR**

Prices exclude VAT.

Exhibition

- International and national governmental bodies **FREE OF CHARGE** (up to 12 sqm)
- Industry **Starting from 2 500 EUR**
- Academia **Starting from 2 000 EUR**

Prices exclude VAT.

Admission Policy

- Admission is limited to professional and business visitors only
- Business casual or service dress is required
- Visitors under 18 years will not be admitted to the exhibition and expert events
- Identity checks will be conducted as a condition of entry
- Badges are to be collected at the registration desk at PVA EXPO PRAHA, starting at 08.30
- Badges will only be issued to registered delegates

Important Dates/Deadlines

Abstract Submission Deadline	On an individual basis
Notification of Acceptance	In due time
Full Paper Submission	21 SEPTEMBER 2018
On-line Registration of Participants	30 SEPTEMBER 2018

Other Events Organized within the FUTURE FORCES FORUM 2018:

- Future Forces Exhibition
- Future Forces Individual Systems Congress - International Industry Day
- Integration of the Exoskeleton in the Battlefield Workshop Logistics Capability Conference
- Multi-domain Advanced Robotic Systems Conference
- MESAS 2018 - Modelling & Simulation for Autonomous Systems Conference
- WAMS 2018 - Workshop on Applied Modeling and Simulation
- BIOMETRICS Conference
- Future of Cyber Conference - Smart Cyber Defence Workshops & Live Hacking Zone

CEBIRAM 2018 Keynote Speakers (in alphabetical order)



Mr. William Alberque
Director, Arms Control, Disarmament
& WMD Non Proliferation Centre, NATO



COL Michael Cohen
Medical Advisor/Command Surgeon,
NATO Special Operations Headquarters,
NATO



Mr. Pavel Častulík CSc.
Team Leader of the On-Site Technical
Assistance for EU CBRN CoE Risk
Mitigation Initiative program for non-
European countries in the East and
Central Africa, African Atlantic Façade
and South East and Easter Europe, EU



LTC(Ret) Arik Eisenkraft MD, MHA
Assistant Professor, Department of
Military Medicine Hebrew University of
Jerusalem, ISR



Mr. Walter Gaber MD
Vice President and Medical Director
Frankfurt Airport, Frankfurt Airport
Services Worldwide, DEU



Prof. Simo Nikkari
Director of the Centre for Biothreat
Preparedness, Research and
Development Department and Head
of the CB-Defence and Environmental
Health Centre, Centre for Military
Medicine in Finland, FIN



COL Rostislav Richter, Dipl. Eng.
Director of Population Protection
Institute, General Directorate of Fire
Rescue Service, CZE



COL Prof. Dr. Horst Thiermann
Chief of Bundeswehr Institute of
Pharmacology and Toxicology, DEU



Commodore Georgios Tsogkas
Commandant, NATO Maritime
Interdiction Operational Training Centre,
NATO

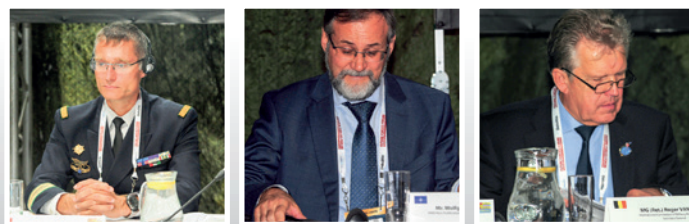
Supporting Organizations:

- Armed Forces of the Czech Republic
- Association of Research Organizations
- Customs Administration of the Czech Republic
- Czech Academy of Science
- Czech Technical University in Prague
- Defence and Security Industry Association of the Czech Republic
- European Defence Agency (EDA)
- Fire Rescue Service of the Czech Republic
- Military Police
- Ministry of Defence of the Czech Republic
- Ministry of the Environment of the Czech Republic
- Ministry of Foreign Affairs of the Czech Republic
- Ministry of Industry and Trade of the Czech Republic
- Military Office of the President of the Republic
- North Atlantic Treaty Organization (NATO)
 - NATO Science and Technology Organization
 - NATO Army Armaments Group (NAAG) Land Capability Group Dismounted Soldier Systems and its following Sub groups:
 - Combat Clothing, Individual Equipment and Protection Subgroup
 - Joint Non-lethal Weapons Capability Group
 - Power Team of Experts
 - Weapon & Sensor Subgroup
 - SG1 Small Arms Ammunition Interchangeability
 - C4I System Architecture
 - NATO Centres of Excellence
- Police Presidium of the Czech Republic
- Prison Service of the Czech Republic

Media Partners:

CBRNE-Terrorism Newsletter, CBRNePortal, CBNW Magazine, Global Biodefense, Medical Corps International Forum, International Review of the Armed Forces Medical Services, Military Medical Science Letters (for more details please visit www.future-forces-forum.org)

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