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General Staff of ACR
Permanent Delegation to NATO
Police of the Czech Republic
Military Police
Faculty of Military Technology

08:30 – 17:00 **Registration**

09:00 – 09:15 **Poster Sessions**

09:30 – 10:00 **Introductory Remarks and Welcome Speech** - Ms. Jana BARANČICOVÁ - FSSC Chairperson, Vice-chairperson NATO LCG DSS/CCIEP WG; Logistics Agency, Logistic Materiel Supply Center Brno, Dept. For Technical Specifications, CZE

Welcome Speech - MG Tomáš TUHÝ - Police President, Police Presidium of the Czech Republic, CZE

10:00 – 12:20 SOLDIER AND SPECIALIST SYSTEMS

Moderated by: Mr. Stanislav MOKRÝ

10:00 – 10:20 **The Concept of Land Forces Development in Light of Security Environmental Changes**
COL Zdeněk MIKULA - Head of the Mechanized & Infantry Department, Capability Development and Planning , Ministry of Defence - General Staff, CZE

10:20 – 10:40 **US Army Research and Development Command: Structure and Missions**
BG Thomas H. TODD III - Deputy Commanding General of the U.S. Army Research, Development and Engineering Command (RDECOM); Commanding General, Natick Soldier Systems Center (NSSC), USA

10:40 – 11:00 **NATO Land Capability Group - Dismounted Soldier Systems (LCG DSS) and its Sub Groups**
MAJ Magnus HALLBERG - NATO LCG DSS Vice-Chairman; Project Manager Soldier Equipment, Land Warfare Centre, SWE

11:00 – 11:20 **Coffee Break & Networking**

11:20 – 11:40 **Soldiers - Core of Military Capability**
Gold Partner Presentation - Mr. Jonathan D. LONG - Global Innovation Manager, INVISTA

Stand No. 306



11:40 – 12:00 **EDA Activities in Soldier System Domain / Standard Architecture for Soldier Power System**
Mr. Marek KALBARCZYK - Project Officer Land Systems Technologies, EDA
Mr. Jasper GROENEWEGEN - Specialist Energy Storage DNV GL – Energy, NLD

12:00 – 12:20 **New Trends in the Field of the Equipment of the Police / New Trends in Diving and Diving Equipment within Police Force of the Czech Republic**
COL Martin HRINKO - Public Order Police Directorate - Director, Police Presidium of the Czech Republic, CZE
CAPT Petr BLATNÝ - Chief Commissioner, D.S.D.A.T. Diver/Lector, Police Presidium of the Czech Republic, CZE

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

12:50 – 13:10 **Poster Sessions**

13:10 – 16:50 SOLDIER SYSTEMS: PROJECT UPDATES AND SOLDIER PROTECTION (UNIFORMS, BODY ARMOUR, CAMOUFLAGE)

Moderated by: Mr. Stanislav MOKRÝ

12:20 – 13:10 Lunch Break & Networking

12:50 – 13:05 Poster Sessions

13:10 – 13:20 „Future Soldier Systems – Needs for New Technologies / - in the Context of EU Defence and Security Armaments Projects“ - TBC

GEN Mikhail Kostarakos - Chairman of the European Union Military Committee, EU

13:20 – 13:40 **Next Update of Infanterist der Zukunft - Extended System**

Mr. Karl-Heinz RIPPERT - Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBW), Koblenz, DEU

13:40 – 14:00 **Trends and Challenges of Head Borne Systems**

Mr. Jonathan RUSSELL - Chairman NATO LCG/DSS/HBS Head Borne Systems Team of Experts, GBR

14:00 – 14:20 **Columbus® the Soft Ballistic Protection of the Future!**

Industry Presentation - Mr. Corneliu Ioan MITOIU - Business Development Director, SEYNTEX

Mr. Bart De LOMBAERDE – R&D Ballistics Expert, SEYNTEX

Stand No. 322



14:20 – 14:40 **Nordic Combat Uniform Project**

Mr. Torstein Espolin JOHNSON - Chairman NATO LCG/DSS/SCAG Soldier Capabilities Analysis Subgroup; Project Manager, Norwegian Defence Materiel Agency, NOR

MAJ Magnus HALLBERG - NATO LCG DSS Vice-Chairman; Project Manager Soldier Equipment, Land Warfare Centre, SWE

14:40 – 15:00 **Field Proven, Battle Tested. GORE Fabrics Play a Vital Role in the Development of Protective Equipment**

Silver Partner Presentation - Mr. Frank TOBIAS – Product Specialist, GORE



15:00 – 15:20 Coffee Break & Networking

15:20 – 15:40 **Next Generation Protective Fabrics for Military Uniforms**

Industry Presentation - Mrs. Tatjana TOPALOVIC - Director R&D, TenCate

Stand No. 347



15:40 – 16:00 **Natural Background of Electro-Optical Signatures**

Mr. Jiří PLACHÝ - Head of CCDO Group, Military Research Institute Brno, CZE

16:00 – 16:20 **Adaptive Camouflage – the EDA Project ACAMS**

Mr. Max WINKELMANN - Scientist, Research Institute FhG IOSB, DEU

16:20 – 16:40 **Assessment Methods for Camouflage in Operational Context**

Mr. Hans KARIIS - Department of Electrooptical Systems, Defence Research Agency, SWE

16:40 – 16:50 **Chairperson's Closing Remarks** - Ms. Jana BARANČICOVÁ - FSSC Chairperson, Vice-chairperson NATO LCG

DSS/CCIEP WG; Logistics Agency, Logistic Materiel Supply Center Brno, Dept. For Technical Specifications, CZE

08:30 – 12:50 **Registration**

09:00 – 09:15 **Poster Sessions**

09:30 – 09:40 **Introductory Remarks** - Ms. Jana BARANČICOVÁ - FSSC Chairperson, Vice-chairperson NATO LCG DSS/CCIEP WG; Logistics Agency, Logistic Materiel Supply Center Brno, Dept. For Technical Specifications, CZE

Welcome Speech - COL Vendulka HOLÁ - Deputy Managing Director and Director of the International and Public Relations Division of the General Directorate of Customs, CZE

09:40 – 12:00 SOLDIER SYSTEMS: MODERNISATION, WAYS AHEAD, SIMULATIONS

Moderated by: Mr. Stanislav MOKRÝ

09:40 – 10:00 **Technology and Industry from the Czech SOF Perspective**
COL Karel ŘEHKA - Director Special Forces, MoD, CZE

10:00 – 10:20 **PALS, a Man Wearable Personal Acoustic Localization System**
Industry Presentation - Mr. Emiel TIJS - Scientist, Microflown AVISA
Stand No. 344



10:20 – 10:40 **Modernisation of the Australian Soldier**
MAJ Stephen WAGENER - Future Soldier Modernisation, Australian Army Headquarters, AUS

10:40 – 11:00 **Coffee Break & Networking**

11:00 – 11:20 **Towards Developing a Cost-effective Advanced Battlefield Command System in Reaching the Future Soldier Systems**
MAJ Shadman Sipar OCEAN - Bangladesh Army, BGD

11:20 – 11:40 **NATO Capability Roadmap Areas**
LTC (Ret.) Richard MÁCHA - Czech National Armaments Director Representative, Permanent Representation of the Czech Republic to NATO, CZE

11:40 – 12:00 Industry Presentation - **Rheinmetall Defence** -TBC



12:00 – 13:00 **Lunch & Networking**

12:30 – 12:45 **Poster Sessions**

13:00 – 14:10 SOLDIER SYSTEMS: SOLDIER PROTECTION (UNIFORMS, WEAPONS, CAMOUFLAGE)

Moderated by: Mr. Stanislav MOKRÝ

13:00 – 13:20 **Testing of Small Arms Ammunition - Substitute Targets**
LTC Luděk JEDLIČKA - Head of Ballistics and Ammunition Group, University of Defence, CZE

13:20 – 13:40 **How Can Textiles Meet Requirements of Future Soldiers?**
Prof. Jiří MILITKÝ - Head of Department of Material Engineering, Faculty of Textile Engineering, Technical University of Liberec, CZE

13:40 – 14:00 **The Possibilities of Hyperspectral Imaging for Improving of Validation of Superficial Quality of Spectral Features of Camouflage Surfaces**
CPT Jaroslav KREJČÍ - Senior lecturer of Department of Weapon and Ammunition, University of Defence, CZE
Co-Authors: LTC Teodor BALÁŽ, Mr. Adam JOBÁNEK, MAJ František RACEK

14:00 – 14:10 **Conference Closing Remarks** - Ms. Jana BARANČICOVÁ - FSSC Chairperson, Vice-chairperson NATO LCG DSS/CCIEP WG; Logistics Agency, Logistic Materiel Supply Center Brno, Dept. For Technical Specifications, 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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