

Conference: MODERN AND ADVANCED TECHNOLOGIES FOR STATE SECURITY

Hotel AMBASADOR PREMIUM, Łódź, POLAND, 28-30th November 2018

1st DAY (28th Nov., 2018)

5:00 pm: Opening and welcoming reception

2nd DAY (29th Nov., 2018)

9:00 am Auditorium Estońska: INAUGURATION

Speakers: Invited Guests

Session

10:30 – 11:30 am Auditorium Estońska		10:30 – 1:30 pm Auditorium Cypryjska	
1	Balistic products and technologies	2	Technical specification (Closed session for KGP) Chairman: Tomasz Miedzianowski
	Chairman: Zbigniew Stempień		
	K. Kośla, Modeling and Designing of Ballistic Systems Including Protection Against Modern Battlefields Projectiles		
J. Pinkos, Ballistic Trauma in a Soft Ballistic Packages Made of Triaxial and Biaxial Fabrics.			
A. Wiśniewski, New Armour for Light Fighting Vehicle.			
3	11:30– 12:30 am Auditorium Estońska		
New Technologies in Security Area Applied			
Chairman: Michał Borusiński			
A. Kaczmarczyk, Camouflage Properties of Non-Balistic Materials Used in Hard-Vest® Modules in Terms of Laboratory Tests.			
M. Fejdyś, New strategy of ITB "MORATEX" in Aspect of the End-Users Needs			
E. Unaler, Light Weight Body Armor Based on Dyneema Force Multiplier Technology			

12:30 am - 1:30 pm Auditorium Estońska - Round Table Discussion: Evaluation of the Product & Technologies in Security Area

Moderator: Marcin Struszczyk. Panelists: Weronika Jakubczak, Jolanta Wawrzyniak, Jacek Dworzecki, Adam Wiśniewski.

1:30 – 2:30 pm Lunch break

3:00 – 4:00 pm Auditorium Estońska		2:30 – 6:00 pm Auditorium Cypryjska	
4	Procedures and Technologies Supporting the Activities in Security Area, part 1	5	Poster Session Chairman: Marzena Fejdyś
	Chairman: Jacek Dworzecki		
	I. Nowicka, Elaboration of Support System for Psychological Tests for Drivers in the Police		
	A. Nykiel, Fiting of Respiratory Protective Equipment - Assumpations and Reality.		
M. Łandwijt, Safety Aspects of User - Review of Applicable Standards in the Field of Ballistic Resistance Tests of Body Armour			
6	4:00 – 5:00 pm Auditorium Estońska		
Textile Materials & Products			
Chairman: Izabella Krucińska			
D. Zagraba, Design And Production of Protective Clothing for Firefighters (Wildland Firefighting) as Well as Production of Limited Weight Outfits.			
K. Czerwiński, Uniform for Police Officers on Duty on Mountain Slopes - Designing Clothing Products.			
E. Kusiak, Anti-Smog Half-Masks for Police Officers and Civilians.			

5:00 – 6:00 pm Auditorium Estońska -Round Table Discussion: Realisation of the Research & Development Activities in Security Areas

Moderator: Weronika Jakubczak.

Panelists: Izabella Krucińska, Magdalena Zubańska, Marzena Fejdyś, Adam Wiśniewski, Barbara Kaczmarczyk, Piotr Suchocki

3rd Day (30th Nov., 2018)

Session

9:00 – 10:00 am Auditorium Estońska		9:00 – 10:00 am Auditorium Cypryjska	
Personal Protections - New Products & Technologies		Breakthrough Technologies, part 1	
Chairman: Adam Wiśniewski		Chairman: Magdalena Zubańska	
8	<p>D. Bukowiecka, Protective Dressing Kit for Injuries Sustained by the Uniformed Services During Duty</p> <p>G. Bartkowiak, Analysis of Energy Harvesting Sources Usability for Powering of Active Clothing Components</p> <p>K. Maciaszek, Protecting the Fireman's Head in Rescue Operation Spaces - a Comprehensive Look at Personal Protective Equipment.</p>	11	<p>S. Gajdziński, PlyCork Guard - A New Ultralight Composite as a Effective Protection of the Vehicles in Case of Terrorist Attack</p> <p>A. Kucharska-Jastrzabek, Development of a Methodology (Procedures) for Designing Mono-Layered and Hybrid Packets for Ballistic Purposes.</p> <p>M. Dombrowski, TWARON in Body Armor Applications. Aramid Fibres and Textile Constructions for Ballistic and Stab Protection</p>
10:00 – 11:30 am Auditorium Estońska		10:00 – 11:30 am Auditorium Cypryjska	
Procedures and Technologies Supporting the Activities in Security Area, part 2		Breakthrough Technologies, part 2	
Chairman: Justyna Jurczak		Chairman: Ireneusz Bembas	
9	<p>B. Osiak, Modern Equipment Used to Identify Weapons of Mass Destruction and Monitoring in Case of its Use.</p> <p>D. Bukowiecka, Integrator of Video Signals</p> <p>M. Łandwajt, Experimental Effect Of A Shot Caused By Projectiles Fired From An Air Weapon</p> <p>J. Dworzecki, Understand the Dimensions of Organised Crime and Terrorist Networks for Developing Effective and Efficient Security Solutions for First-line-practitioners and Professionals</p>	12	<p>B. Guziński, Detection of Illicit Synthetic Drug Laboratories and Location of Narcotic Cannabis Plantations</p> <p>S. Hausman, Metamaterials and Its Application in Security Area</p> <p>M. Sochacki, Thermal and Reliability Aspects of Luminaires with LED Sources for Workspace Lighting</p>
11:30 – 12:30 am Auditorium Estońska		11:30 – 12:30 am Auditorium Cypryjska	
Procedures and technologies supporting the activities in security area, part 3		Procedures supporting the activities in security area	
Chairman: Renata Zbieć-Piekarska		Chairman: Jerzy Ickiewicz	
10	<p>G. Grabowska, Personalisation of the Design of Protective Clothing Based in the 3D Objects Scanning Technique Implemented under Industrial Conditions.</p> <p>L. Kielbik-Madej, Risk Managment in Design of the Medical Devices in Safety Area Used</p> <p>D. Zielińska, Stability of the Personal Protection Used in Demining Activates</p>	13	<p>K. Derwińska, New Technologies For State Security In The Light Of The Horizon 2020 Program</p> <p>B. Kosińska D-BOX WebKnowledgebase - the Tools for Education and Risk Training in Demining Activity</p> <p>T. Miedzianowski, The Role and Task of the Institute of Security technology "MORATEX" in the Process of Supervising the Quality of Products and Their Supply for Services Supervised by the Ministry of the Interior and Administration.</p>

12:30 – 1:30 pm Lunch break

2:00 – 3:00 pm Auditorium Estońska - Closing of the Conference