

*“VASIL LEVSKI” NATIONAL MILITARY UNIVERSITY,  
“ARTILLERY, AIR DEFENSE AND CIS” FACULTY, SHUMEN, BULGARIA  
MILITARY TECHNICAL ACADEMY “FERDINAND I”, ROMANIA  
“HENRY COANDA” AIR FORCE ACADEMY, BRASOV, ROMANIA  
WAR STUDIES UNIVERSITY, WARSAW, POLAND  
MILITARY UNIVERSITY OF TECHNOLOGY, WARSAW, POLAND  
„SPIRU HARET“ UNIVERSITY, BUCHAREST, ROMANIA  
REZEKNE ACADEMY OF TECHNOLOGIES, REZEKNE, REPUBLIC OF LATVIA  
CROATIAN DEFENCE ACADEMY "DR. FRANJO TUĐMAN", ZAGREB, CROATIA  
HELLENIC ARMY ACADEMY, ATHENS, GREECE*

ARTILLERY, AD AND CIS FACULTY



DEFENSE TECHNOLOGY FORUM 2021

*Co-financed by the National Science Fund of the Ministry of Education and  
Science Contract № KP-06-MNF/18 dated 01.10.2021*

# ***AGENDA***

## ***DEFENSE TECHNOLOGY FORUM 2021 SHUMEN***

***October 6–8, 2021  
Shumen, Bulgaria***

## ***ORGANIZING COMMITTEE***

### ***GENERAL CO-CHAIRS***

- Brig. Gen. Ivan MALAMOV, Rector and Commandant of “Vasil Levski” National Military University, Bulgaria
- Brig. Gen. Prof. Eng. Constantin-Iulian VIZITIU PhD, Rector of Military Technical Academy “Ferdinand I”, Romania
- Commander Assoc. Prof. Gabriel RADUCANU PhD., Commandant (Rector) of “Henri Coanda” Air Force Academy, Brasov, Romania
- Col. Prof. Eng. Przemysław Wachulak PhD, Rector and Commandant of Military University of Technology, Warsaw, Poland
- Col. Assoc. Prof. Leszek ELAK PhD, Vice Commandant-Rector of War Studies University, Warsaw
- Professor Iveta MIETULE PhD, Rector of Rezekne Academy of Technologies, Latvia
- Prof. Dr. Maria ANDRONIE Vice Rector in charge with scientific research, „Spiru Haret“ University, Bucharest, Romania
- Maj. Gen. Mate PADJEN, Commandant of Croatian Defence Academy "Dr. Franjo Tuđman", Zagreb, Croatia.

### ***CONFERENCE CO-CHAIRS***

- Col. Eng. Assoc. Prof. Dilyan DIMITROV Ph.D., Dean of Artillery, Air Defense and CIS Faculty, “Vasil Levski”NMU, Bulgaria
- Capt. Cdr. Assoc. Prof. Eng. Cristian-Emil MOLDOVEANU PhD, Military Technical Academy “Ferdinand I”, Bucharest, Romania
- Col. Assoc. Prof. Eng. Laurian GHERMAN, PhD, “Henry Coanda” Air Force Academy, Brasov, Romania
- DSc. MUT Prof. Stanisław KACHEL, Military University of Technology, Poland
- Col. DSc. MUT Prof. Przemysław KUPIDURA, Military University of Technology, Poland
- Maj. Konrad WOJTOWICZ PhD, Military University of Technology, Poland
- Colonel Assoc. Prof. PhD Krzysztof KRAKOWSKI, War Studies University, Poland
- LTC Assoc. Prof. Eng. B. BIERNACIK, PhD, War Studies University, Poland
- Prof. Dr. Gheorghe DUDA, „Spiru Haret“ University, Romania
- Col. Assistant Professor Stjepan DOMJANČIĆ, PhD, Croatian Defence Academy "Dr. Franjo Tuđman", Zagreb, Croatia

## ***PROGRAM COMMITTEE***

### ***CHAIR***

- Col. Eng. Assoc. Prof. PhD Chavdar MINCHEV., Vice Dean of Artillery, Air Defense and CIS Faculty, “Vasil Levski” National Military University

### ***CO-CHAIRS***

- Col. Prof. Eng. PhD Pamfil SOMOIAG, Military Technical Academy “Ferdinand I”, Romania
- LTC Cristian ENE, “Henry Coanda” Air Force Academy, Romania
- LTC Assoc. Prof. Eng. B. BIERNACIK, PhD, War Studies University, Poland
- Col. DSc. Prof. Zbigniew LECIEJEWSKI, Military University of Technology, Poland

## 6 October 2021

Registration	09:00 - 10:00
Opening Ceremony	10:00 - 10:30
Plenary Session – 1: <b>LTC Assoc. Prof. Eng. Bartosz Biernacik, Ph.D</b> War Studies University, Warsaw, Poland <i>"A training system implemented in War Studies University of HMS C3IS Jasmine Command Support System in the time of the COVID-19 pandemia"</i>	10:30 - 11:15
Coffee Break	11:15 – 11:30
Plenary Session – 2: <b>Prof. DSc Luybomir Lazov</b> Rezekne Academy of Technologies, Rezekne, Latvia <i>"Direct and indirect hazards from laser radiation and personal protective equipment"</i>	11:30 – 12:15
Plenary Session – 3: <b>Capt. Cdr. Assoc. Prof. Eng. Cristian-Emil Moldoveanu, PhD</b> Military Technical Academy “Ferdinand I”, Bucharest, Romania <i>"Material deflection and bullet ricochet determinations for different angles of firing on a concrete plate"</i>	12:15 – 13:00
Lunch Break	13:00 - 14:30
Plenary Session – 4: <b>Assoc. Prof. Eng. PhD Marius Mihailescu</b> Spiru Haret University of Bucharest, Romania <i>"Machine Learning for Cryptography and Information Security"</i>	14:30 - 15:00
Coffee Break	15:00 - 15:30
Security and Defense Products Presentation	15:30 - 16:30
Official Dinner	19:00

## 7 October 2021

Transportation to the Firing Field	09:00 - 10:00
Field Artillery Shooting Demonstration	10:00 - 12:30
Transportation from the Firing Field	12:30 - 13:30
Lunch Break	13:30 - 14:30
International Scientific Conference – Workgroup Sessions: <ul style="list-style-type: none"> <li>• Security and defense</li> <li>• Weapons, technologies, logistics</li> <li>• Communication and computer technologies</li> <li>• Cybersecurity</li> <li>• Geodesy</li> <li>• Social studies</li> </ul>	14:30 - 17:30

## 8 October 2021

International Scientific Conference – Workgroup Sessions: <ul style="list-style-type: none"><li>• Security and defense</li><li>• Weapons, technologies, logistics</li><li>• Communication and computer technologies</li><li>• Cybersecurity</li><li>• Geodesy</li><li>• Social studies</li></ul>	09:00 - 13:30
Lunch Break	13:30 - 14:30
Closing Ceremony	14:30 - 15:00
Departure of Participants	15.00 – 17.00

**WORKGROUP SESSION**  
**SECTION**  
***SECURITY AND DEFENSE***

**Chairman: Col. Assoc. Prof. Atanas. L. Atanasov, Ph.D.**  
**Location: Room 08401, Block 8, IV floor**

**7 October 2021**

- 14.30-14.45 *Atanas S. Atanasov, Radoslav B. Ghalakov - Military academy "Georgi S. Rakovski", Faculty "Command-staben", Department "Land forces"*  
CRITERIA FOR PRIORITIZING OBJECTIVES IN COUNTERING INSURGENCIES
- 14.45-15.00 *Dimitar S. Tashkov, Lachezar P. Rusekov - Rakovski National Defence College- Sofia, Command and Staff Faculty, Land Forces Department*  
IMPLEMENTATION OF COMBAT FUNCTIONS AND ENVIRONMENTAL FACTOR INFLUENCE IN BLOCKADE OPERATIONS CONDUCTED BY LAND FORCES
- 15.00-15.30 *Ivaylo I. Hinov - Military academy "Georgi S. Rakovski", Faculty „Command and Staff”, Department "Land forces"*  
1. FACTORS INFLUENCING THE COMBAT ABILITY OF MILITARY UNITS AND RELATIONSHIPS WITH MILITARY DECISION-MAKING  
2. MODERN UNDERSTANDINGS OF COMBAT CAPABILITY ARMED FORCES AND THE PROJECTION ON TACTICAL UNITS
- 15.30-15.45 Coffee break
- 15.45-16.15 *Delyan S. Slavov – Foreign Languages Department, National Military University*  
1. FLOODS ANALYSIS IN REPUBLIC OF BULGARIA  
2. A METHODOLOGY FOR DESIGN FLOOD MONITORING AND EARLY WARNING SYSTEM
- 16.15-17.00 *Stoyan N. Chaney – Artillery, Air Defense and CIS Faculty at the Vasil Levski National Military University*  
1. PLANNING A SYSTEM FOR COMBATING UNMANNED AERIAL VEHICLES  
2. ACTIVE DIRECTIONS FOR INCREASING THE OPPORTUNITIES FOR COMBATING UAVs ON THE BATTLEFIELD  
3. PASSIVE DIRECTIONS FOR INCREASING THE OPPORTUNITIES FOR COMBATING UAVs ON THE BATTLEFIELD
- 17.00-17.15 *Ivelin G. Katsev, Ivaylo Zh. Bozov – National Military University, Faculty of Artillery, Air Defense and Communication and Information Systems*  
ASSESSMENT OF UNMANNED AERIAL VEHICLES' RECONNAISSANCE EFFECTIVENESS WHEN USED BY ARTILLERY RECONNAISSANCE FORMATIONS
- 17.15-17.30 *Ivelin G. Katsev – National Military University, Faculty of Artillery, Air Defense and Communication and Information Systems*  
ANALYSIS OF THE OPPORTUNITIES FOR EMPLOYMENT UNMANNED AERIAL VEHICLES CLASS MINI IN ARTILLERY FORMATIONS

## 8 October 2021

- 09.00-09.15 **LCDR (OF-3 NAVY) Zhivko St. Yordanov PHD**  
METHODOLOGY FOR ASSESSING OF THE COMBAT CAPACITY OF SURVEILLANCE AND COMMUNICATION (SAC) UNITS IN MARITIME OPERATIONS
- 09.15-10.00 **Veliko P. Petrov - Faculty of Artillery, Air Defense and Communication and Information Systems, National Military University, Shumen**  
1. INTERNATIONAL ORGANIZATIONS IN THE GLOBAL FOOD SECURITY SYSTEM  
2. WATER RESOURCES MANAGEMENT AS A SOURCE OF INTERNATIONAL CONFLICTS  
3. USE OF DISINFORMATION IN MILITARY CONFLICTS
- 10.00-10.30 Coffee break
- 10.30-10.45 **Veliko P. Petrov, Kaloyan A. Iliev - Faculty of Artillery, Air Defense and Communication and Information Systems, National Military University, Shumen**  
CURRENT REALITIES AND TRENDS IN THE DEVELOPMENT OF GLOBAL FOOD SECURITY
- 10.45-11.00 **Kaloyan A. Iliev, Veliko P. Petrov - Faculty of Artillery, Air Defense and Communication and Information Systems, National Military University, Shumen**  
DISINFORMATION - FACTOR IN THE INFORMATION WAR
- 11.00-11.15 **Ivaylo Zh. Bozov – National Military University, Faculty of Artillery, Air Defense and Communication and Information Systems**  
ASSESSMENT OF THE RECONNAISSANCE CAPABILITIES OF UNMANNED AERIAL VEHICLES
- 11.15-11.30 **Boyan V. Alexandrov - National Military University, Faculty of Artillery, Air Defense and Communication and Information Systems**  
ANALYSIS OF THE PROCEDURE FOR FIRE POSITION DEPLOYMENT OF ARTILLERY PLATOON/BATTERY FOR EXECUTION OF FIRE MISSION
- 11.30-12.00 **Danko D. Farazov - Joint Operations and Planning Department, National Defence College “G. S. Rakovski“**  
1. THE COMPREHENSIVE APPROACH OF NATO AND AFGHANISTAN  
2. TARGETING PROCESS OF THE JOINT OPERATIONS
- 12.00-12.15 **Hristo A. Desev - National Military University, Faculty of Artillery, Air Defense and Communication and Information System**  
CHARACTERISTICS OF CRITICAL INFRASTRUCTURE SITES AS SITE OF TERRORIST THREATS
- 12.15-12.30 **Anastas M. Chitakov – National Military University, Faculty of Artillery, Air Defense and Communication and Information System**  
CHARACTERISTICS OF THE MAIN CRISES AND CONFLICTS IN THE BLACK SEA REGION AND THE REASONS FOR THEM
- 12.30-13.30 Question and discussion

## 8 October 2021

- 09.00-10.30 Workgroup Work
- 10.30-11.00 Coffee break
- 11.00-13.30 Workgroup Work

**WORKGROUP SESSION**  
**SECTION**  
***WEAPONS, TECHNOLOGIES, LOGISTICS***

**Chairman: Col. Assoc. Prof. Conuy G. Conev, Ph.D.**  
**Location: Room 08108, Block 8, floor I**

**7 October 2021**

- 14.30-14.45 *Mateusz Morawski, Bartosz Fikus, Ryszard Woźniak - Faculty of Mechatronics, Armament and Aerospace, Military University of Technology, Warsaw, Poland*  
FORMULATION OF INTERIOR BALLISTIC MODEL OF GAS DELAYED BLOWBACK OPERATION FIREARM
- 14.45-15.00 *Damian Szupieńko, Radosław Trębiński - Faculty of Mechatronics, Armament and Aerospace, Military University of Technology, Warsaw, Poland*  
COMPARATIVE ANALYSIS OF DIFFERENT METHODS OF CALCULATING PRESSURE INSIDE THE BARREL IN POST-MUZZLE PERIOD OF A SHOT
- 15.00-15.15 *Alicja Turczyńska, Bartosz Fikus, Zbigniew Leciejewski - Faculty of Mechatronics, Armament and Aerospace, Military University of Technology, Warsaw, Poland*  
PRELIMINARY ESTIMATION OF INFLUENCE OF BARREL RESISTANCE FORCE FORMULATION ON THE BALLISTIC CURVES FOR ANTI-AIRCRAFT CANNON
- 15.15-15.30 *Nektarios K. Nasikas, PhD - Assistant Professor, Department of Military Sciences, Division of Mathematics and Engineering Sciences, Hellenic Army Academy, Evelpidon Avenue, Vari, Attica, Greece*  
HIGH TEMPERATURE MATERIALS SYNTHESIS FOR DEFENCE APPLICATIONS: CURRENT STATUS AND FUTURE TRENDS
- 15.30-16.00 Coffee break
- 16.00-16.15 *Conuy G. Conev, Stamen I. Antonov - Artillery, Air Defense and CIS Faculty, National Military University "Vasil Levski", Shumen*  
A CONCEPTUAL FRAMEWORK FOR THE UTILIZATION PROCESS OF EXCESS AMMUNITION IN THE REPUBLIC OF BULGARIA
- 16.45-17.15 *Maxim Alashki - Ministry of Defence, Armaments Policy Directorate*  
1. INSTRUMENTS OF THE EUROPEAN UNION FOR COLABORATION AND COOPERATION IN THE FIELD OF DEFENSE INDUSTRY AND TECHNOLOGY DEVELOPMENT: CDP, CARD, EDIDP, EDF, PADR, PESCO  
2. TEREM-HOLDING EAD - CONDITION AND OPPORTUNITIES FOR DEVELOPMENT
- 17.15-17.30 *Rosen M. Ivanov - Ministry of Defence, Armaments Policy Directorate*  
DEFENSE ACQUISITION SYSTEM - A MAIN FACTOR IN THE PROCESS OF BUILDING DEFENSE CAPABILITIES

## 8 октомври 2021

<u>09.00-09.15</u>	<i>Ivelina Ivanova Angelska - NITI SHS Kazanlak, Bulgaria</i> PYROTECHNIC COMPOSITIONS
<u>09.15-09.30</u>	<i>Svetozar B. Botev - Joint Forces Command</i> RESEARCH OF THE THICKNESSES OF THE CUMULATIVE LINEAR UNDER THE PENETRATION OF THE CUMULATIVE JET
<u>09.30-10.00</u>	<i>Neli-Maria Antonova Popova - "Konstantin Preslavsky" University of Shumen, Logistics at the Faculty of Technical Sciences, Department of Engineering</i> 1. MODEL FOR DETERMINING THE OPTIMAL GROUPING OF FORCES FOR ELIMINATION OF CONSEQUENCES OF INCIDENTS RELATED TO MILITARY SITES 2. PECULIARITIES OF THE FUNCTIONING OF MANAGEMENT SYSTEMS IN THE CONDITIONS OF DISASTERS AND ACCIDENTS
<u>10.00-10.30</u>	Coffee break
<u>10.30-13.30</u>	Question and discussion

### WORKGROUP SESSION SECTION **COMMUNICATION AND COMPUTER TECHNOLOGIES CYBERSECURITY**

**Chairman: Assoc. Prof. Rosen Atanasov Bogdanov, Ph.D.**

**Location: Room 08201, Blok 8, floor II**

## 7 October 2021

<u>14.30-14.45</u>	<i>Slavov S. Delyan, Atanasova K. Alexandra, Dimov S. Dimitar – Communication Networks and Systems Department, Artillery, Air Defense Communication and Information Systems Faculty, National Military University „V. Levski</i> ANALYSIS OF LOCATION METHODS FOR IMPROVING THE USE OF THE ELECTROMAGNETIC SPECTRUM
<u>14.45-15.00</u>	<i>Slavov S. Delyan, Marinova K. Nataliya, Radev Y. Ivan –Communication Networks and Systems Department, Artillery, Air Defense Communication and Information Systems Faculty, National Military University „V. Levski</i> A COMPARATIVE ANALYSIS OF DIGITAL SPECTRUM ANALYZERS
<u>15.00-15.15</u>	<i>Dobry S. Stoyanov, Lyuboslav M. Bochev, Ivan Y. Radev - Artillery, Air Defense Communication and Information Systems Faculty, National Military University „V. Levski”, Shumen</i> APPROACHES FOR CYBERSECURITY ENHANCEMENT OF THE ENERGY INFRASTRUCTURE MANAGEMENT
<u>15.15-15.30</u>	<i>Dobry S. Stoyanov, Lyuboslav M. Bochev, Dimitar St. Dimov – Artillery, Air Defense Communication and Information Systems Faculty, National Military University „V. Levski”, Shumen</i> TRENDS IN THE DEVELOPMENT OF COMMUNICATION SYSTEMS, EXPLOITING ELECTRICAL POWER LINES
<u>15.30-16.00</u>	Coffee break



<u>16.00-16.15</u>	<b>Zhaneta N. Savova, Rosen A. Bogdanov - National Military University „V. Levski, Artillery, Air Defense Communication and Information Systems Faculty</b> NEW CHALLENGES TO MODERN CLASSICAL CRYPTOGRAPHY IN A WORLD WITH QUANTUM COMPUTING
<u>16.15-16.30</u>	<b>Radostin S. Dimov, Dimitar S. Dimov - National Military University „V. Levski, Artillery, Air Defense Communication and Information Systems Faculty</b> RESEARCH OF THE RECEPTION OF RADIO SIGNALS IN A WIRELESS RADIO NETWORK
<u>16.30-16.45</u>	<b>Ivan Y. Radev, Sonya V. Staneva - National Military University „V. Levski, Artillery, Air Defense Communication and Information Systems Faculty</b> THE TRUTH AND THE FACTS ABOUT 5G PARANOY
<u>16.45-17.30</u>	Workgroup Work

## 8 October 2021

<u>09.00-10.30</u>	Workgroup Work
<u>10.30-11.00</u>	Coffee break
<u>11.00-13.30</u>	Workgroup Work

### WORKGROUP SESSION SECTION **GEODESY**

**Chairman: Prof. Andrey Ivanov Andreev, PhD**  
**Location: Room 39301, Blok 39**

## 7 October 2021

<u>14.30-15.00</u>	<b>Yordanova V., Andreev A.</b> 1. GLOBAL AND LOCAL MODELING OF THE EARTH MAGNETIC FIELD USING SWARM SATELLITES 2. INFLUENCE OF THE MAGNETIC FIELD ON THE DEVELOPMENT OF LIFE AND EARTH PROCESSES. LOCALIZATION OF NATURAL PHENOMENA USING SATELLITE DATA FROM THE SWARM MISSION
<u>15.00-15.30</u>	<b>Prokopov Y. T.</b> 1. SATELLITE RADAR INTERFEROMETRY AS AN ALTERNATIVE FOR SOME APPLIED GEODESY TASKS 2. THE TERRESTRIAL LASER SCANNING RESOURCES AS A BASIS FOR GEODESIC MODELING
<u>15.30-15.45</u>	<b>Bedzheva M.</b> CURRENT STATE OF TRAINING IN THE DISCIPLINE OF ENGINEERING PHOTOGRAMMETRY
<u>15.45-16.00</u>	<b>Ivanova I.</b> CURRENT ISSUES IN THE FIELD OF CADASTRE
<u>16.00-16.30</u>	Coffee break
<u>16.30-17.00</u>	<b>Andreeva P., Andreev A.</b> 1. CONCERNING THE PROBLEMS OF GEOINFORMATION TECHNOLOGIES

IN BULGARIA

2. APPLICATION OF GIS PLATFORMS

17.00-17.15

*Andreeva P., Dimova G. Andreev A.*

APPLICATION OF GIS AND GNSS IN NAVIGATION

17.15-17.30

Question and discussion

## 8 October 2021

09.00-09.15

*Kopanov N.*

СЪЗДАВАНЕ НА ОРТОФОТОКАРТА И DEM МОДЕЛ НА УРБАНИЗИРАН РАЙОН С БЛА И ГНСС

09.15-09.30

*Kopanov N., Nikolov D.*

INVESTIGATION OF THE ACCURACY OF THE BER OF THE CADASTRAL MAP WITH THE HELP OF MODERN GNSS RECEIVERS

09.30-10.30

Question and discussion

10.30-11.00

Coffee break

11.00-13.30

Workgroup Work

## WORKGROUP SESSION SECTION *SOCIAL STUDIES*

**Chairman: Prof. Veliko. P. Petrov, Ph.D.**

**Location: Room 25105, Block 25, floor I**

## 7 October 2021

14.30-14.45

*Valya M. Simeonova – Joint Forces Command*

COMMUNICATION BETWEEN MILITARY SERVANTS AS PROFESSIONAL COMMUNICATION

14.45-15.00

*Larisa P. Todorova - Jurist*

THE LEGAL FRAMEWORK OF THE DUAL SYSTEM OF TRAINING IN THE PROFESSION "SECURITY GUARD"

15.00-15.30

*Teodora P. Chalakova - Ministry of Defence of the Republic of Bulgaria*

1. HOW GENERATION „Y“ CHANGED THE MILITARY ENVIRONMENT  
2. ADAPTING TRAINING STYLES AS AN OPPORTUNITY TO ENHANCE THE PROFESSIONAL QUALIFICATIONS OF GENERATIONS X, Y AND Z

15.30-16.00

Coffee break

16.00-16.15

*Radoslav B. Chalakov, Atanas S. Atanasov - Military academy "Georgi S. Rakovski", Faculty "Command-staben", Department "Land forces"*  
ORGANIZATIONAL STRUCTURE AND ADMINISTRATIVE STRUCTURES IN THE ARMED FORCES

16.15-16.30

*Atanas S. Atanasov, Radoslav B. Chalakov - Military academy "Georgi S. Rakovski", Faculty "Command-staben", Department "Land forces"*  
MILITARY ADMINISTRATION IN THE ADMINISTRATIVE SERVICE SYSTEM

16.30-16.45

*Gergana A. Dimova - Foreign Languages Department, National Military University, Shumen, Bulgaria*

RESEARCH ON THE EFFECTIVENESS OF FOREIGN LANGUAGE EDUCATION AND INTERCULTURAL COMMUNICATION MODEL

16.45-17.30

Question and discussion

## 8 October 2021

<u>09.00-10.30</u>	Workgroup Work
<u>10.30-11.00</u>	Coffee break
<u>11.00-13.30</u>	Workgroup Work

### WORKGROUP SESSION *STUDENTS' SECTION*

**Chairman: Assoc. Prof. Mariana Stiliyanova Todorova, Ph.D.**  
**Location: Room 25106, Block 25, floor I**

## 7 October 2021

<u>14.30-14.45</u>	<i>Ivan K. Vladov, Aleksandra K. Atanasova - Faculty of Artillery, Air Defense and Communication and Information Systems, National Military University, Shumen</i> SYSTEMS FOR MONITORING, MANAGING AND COORDINATING FORMATIONS AT THE TACTICAL LEVEL
<u>14.45-15.00</u>	<i>Yordanka M. Lambova, Veliko M. Lambov - National Military University „Vasil Levski“, Faculty of „Artillery, Air Defense and Communication Information Systems“, Shumen</i> ARTIFICIAL NEURAL NETWORKS DEFINITION AND APPLICATION
<u>15.00-15.30</u>	<i>Veliko M. Lambov, Yordanka M. Lambova - National Military University „Vasil Levski“, Faculty of „Artillery, Air Defense and Communication Information Systems“, Shumen</i> LATENCY IN AUTOMOTIVE ETHERNET SWITCHES
<u>15.30-15.45</u>	<i>Mirolyub Tsekov, Nataliya Marinova - - National Military University „Vasil Levski“, Faculty of „Artillery, Air Defense and Communication Information Systems“, Shumen</i> VPN TECHNOLOGY
<u>15.45-16.00</u>	<i>Luboslav M. Bochev – National Military University „Vasil Levski“, Faculty of „Artillery, Air Defense and Communication Information Systems“, Shumen</i> MILITARY APPLICATIONS OF BLOCKCHAIN TECHNOLOGY
<u>16.00-16.30</u>	Coffee break
<u>16.30-17.30</u>	Question and discussion

## 8 October 2021

<u>09.00-10.30</u>	Workgroup Work
<u>10.30-11.00</u>	Coffee break
<u>11.00-13.30</u>	Workgroup Work