

CONFERENCE GUIDE

"HENRI COANDĂ"
AIR FORCE ACADEMY



ROMANIA

"GENERAL M.R. STEFANIK"
ARMED FORCES ACADEMY



SLOVAK REPUBLIC



STUDENTS' INTERNATIONAL CONFERENCE

AFASTUD

16th Edition

Communicating Across Cultures

Anniversary Edition, dedicated to 65 years of NATO and 10 years
from accession of Romania to North-Atlantic Treaty Organisation



April 3 - 5, 2014
Brasov - ROMANIA

Conference Agenda

THURSDAY, April 03, 2014

1400 hrs - 2200 hrs	Arrival of delegations / Check-in Time at your disposal / Socializing opportunities (<i>Student's Club</i>)
2200 hrs - 0600 hrs	Night rest (<i>Dormitory</i>)

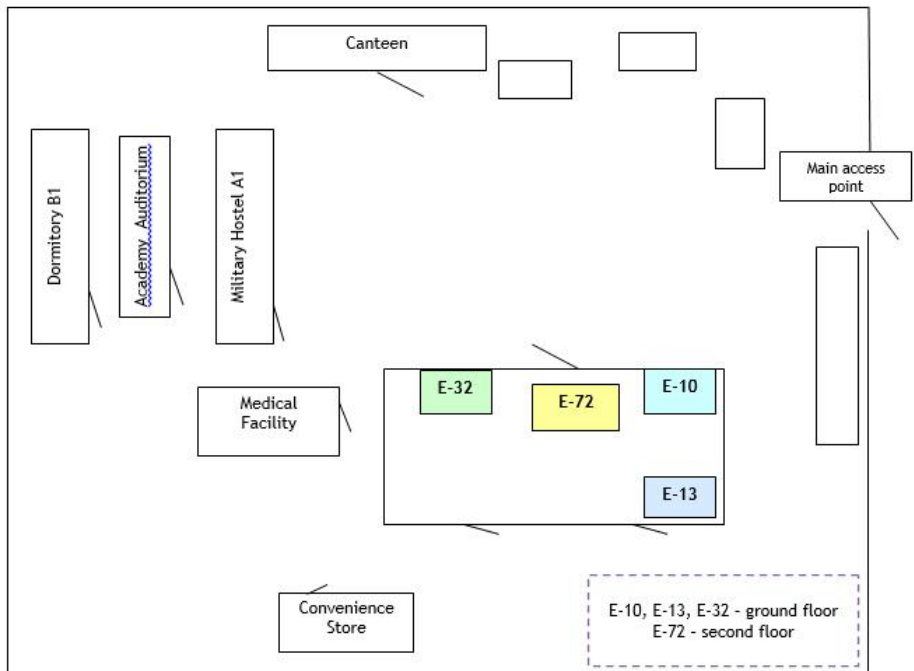
FRIDAY, April 04, 2014

0600 hrs - 0700 hrs	Wake-up / Morning Program (<i>Dormitory</i>)				
0700 hrs - 0800 hrs	Breakfast (<i>Canteen</i>)				
0800 hrs - 0900 hrs	Conference Registration (<i>antechamber of Academy Auditorium</i>)				
0900 hrs - 0930 hrs	Opening Ceremony (<i>Academy Auditorium</i>)				
0930 hrs - 0945 hrs	Photo Session (<i>In front of Bdg A1</i>)				
0945 hrs - 1430 hrs	Panels	Weapons & Defence technology <i>E - 32</i>	Fundamental sciences & Engineering <i>E - 73</i>	Humanities. Social sciences. Cultural studies <i>E - 13</i>	Military sciences & Management <i>E - 10</i>
1445 hrs - 1530 hrs	Lunch Break (<i>Canteen</i>)				
1530 hrs - 1630 hrs	Awarding Ceremony (<i>Academy Auditorium</i>)				
1630 hrs - 2000 hrs	Afternoon Break / Time at your disposal / Socializing opportunities (<i>Student's Club</i>)				
2000 hrs - 0200 hrs	Festive Dinner (<i>Canteen</i>)				
0200 hrs - 0800 hrs	Night rest (<i>Dormitory</i>)				

SATURDAY, April 05, 2014

0700 hrs - 0800 hrs	Wake-up / Morning Program (<i>Dormitory</i>)
0800 hrs - 0900 hrs	Breakfast (<i>Canteen</i>)
0930 hrs - 1400 hrs	Touristic Tour of Râșnov Castle
1400 hrs - 1500 hrs	Back to the Academy Lunch (<i>Canteen</i>)
1500 hrs	Check-out Departure of delegations

Map of Conference Location



Organizing Committee

Maj TA Cătălin **CIOACĂ**

Capt Cristian **PANAIT**

Student Mihail **LOGHIN**

Student Valentin **CIUREA**

Student Alexandra **VÂRLAN**

Student Codrin **MURARIU**

Student Cristian **BALAN**

Student Sebastian **ONIGA**

Student Cosmina **SAGHIN**

Student Georgiana **ȚIFREA**

Student Mădălin **DIȚU**

Student Cosmin **POPESCU**

Student Georgian **NOVAC**

Student Andreea **CRISTEA**

Student Marius **ȘTEFĂNESCU**

Student Andreea **SAVA**

Student Răzvan **GHEORGHIU**

Col Ovidiu **MOȘOIU**, PhD

TA Daniela **NAGY**

Lect Eng Cristian

CONSTANTINESCU, PhD

Maj Cornel **ARAMĂ**, PhD

Maj Ionel **FEROIU**

Maj Cristea-Gabriel **RĂU**

Eng Mariana **GHINDĂOANU**

Mat Carmen **URSOIU**

WO Marian **MIHALACHE**

WO Vasile **PRISACARIU**

NCO Marius **VOROVENCI**

Student Delia **BAHNOVEI**

Student Ionela **LUPAȘCU**

Student Elena **POMANĂ**

Student Andrei **PAHOMI**

Student Georgian **STOICA**

Student Alexandru **BERACZKO**

Scientific Committee

Col Prof Eng Mircea **BOȘCOIANU**, PhD

„Henri Coandă” Air Force Academy, Brasov

Professor Eng Milan **SOPOCI**, PhD

Armed Forces Academy of General Milan Rastislav Stefanik, Slovakia

Assoc Prof Eng Doru **LUCULESCU**, PhD

„Henri Coandă” Air Force Academy, Brasov

Assoc Prof Daniela **BELU**, PhD

„Henri Coandă” Air Force Academy, Brasov

Assoc Prof Diana **ILIȘOI**, PhD

„Henri Coandă” Air Force Academy, Brasov

Assoc Prof Adrian **LESENCIUC**, PhD

„Henri Coandă” Air Force Academy, Brasov

Lect Eng Constantin **STRÎMBU**, PhD

„Henri Coandă” Air Force Academy, Brasov

LTC Lect Eng Laurian **GHERMAN**, PhD

„Henri Coandă” Air Force Academy, Brasov

LTC Lect Eng Ionică **CÂRCIU**, PhD

„Henri Coandă” Air Force Academy, Brasov

The Conference' Panels

	Pag.
Military Sciences & Management	7
<hr/>	
Humanities. Social Sciences. Cultural Studies	10
<hr/>	
Fundamental Sciences & Engineering	13
<hr/>	
Weapons & Defense Technology	17

Military Sciences & Management

Conference ROOM **E10**

Moderators:

Col Ovidiu **MOȘOIU**, PhD

„Henri Coandă” Air Force Academy, Brasov

Student Andrei **PAHOMI**

„Henri Coandă” Air Force Academy, Brasov

Student Cosmina **SAGHIN**

„Henri Coandă” Air Force Academy, Brasov

SUPPRESSION OF ENEMY AIR DEFENSE (SEAD)

1. **ASTANI ALEXANDRU-CONSTANTIN**

“Henri Coandă” Air Force Academy, Brasov, Romania

PKK ACTIONS - IMPLICATIONS FOR ROMANIA

2. **BENGA RĂZVAN-CRISTIAN, BOCA RĂZVAN**

“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

AIR POWER, PROTECTOR AND THREAT FOR THE GLOBAL SECURITY

3. **CONSTANTIN GEORGIAN-COSMIN**

“Henri Coandă” Air Force Academy, Brasov, Romania

PLAYING SMART! US STRATEGY TOWARDS CHINA DURING THE OBAMA ADMINISTRATION

4. **CORȘATEA MIHAELA-MARCELA, PANDIA LUCIAN-ADRIAN**

“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

HISTORY OF COMBAT SEARCH AND RESCUE MISSION

5. **CRISTEA CONSTANTIN-CRISTIAN**

“Henri Coandă” Air Force Academy, Brasov, Romania

AN A.R.C. -H ACROSS THE WORLD...

6. **EPURE COSMINA-ELENA**

“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

1956 AND THE ART OF WAR

7. **GASPAR PALAGYI**

University of Public Service, Hungary

AREA 51

- 8. GHERDEA CĂTĂLIN, TĂTĂRUȘANU RĂZVAN**
“Mircea cel Bătrân” Naval Academy, Constanta, Romania

TROPICAL CYCLONES IN THE ATLANTIC OCEAN

- 9. ISCRU MARIUS-ȘTEFĂNEL, CRISTIAN ADRIAN-DAN**
“Mircea cel Bătrân” Naval Academy, Constanta, Romania

THE EMERGENCE OF MORINT

- 10. LAZĂR TIBERIU-MIHAIL, GHINEA MIHAI-IONUȚ**
“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

THE STATUS QUO OF THE MIDDLE EAST CONFLICTS

- 11. MITROI ADELA-CAMELIA, ALBU ADELA-FLORENTINA**
“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

THE IMPACT OF STATE OF THE ART TECHNOLOGY ON THE INTELLIGENCE PROCESS

- 12. MOCANU CRISTINA, POPESCU ALEXANDRA**
“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

ELECTRONIC WARFARE

- 13. MOISINCU MARIA-MAGDALENA**
“Henri Coandă” Air Force Academy, Brasov, Romania

ASSESSMENT OF DIRECTED PHYSICAL FITNESS AND MOTOR SKILLS OF PILOTS BEFORE AND AFTER THE TRAINING PROCESS

- 14. MYŚLAK DANIEL, SYLWIA RYDZEWSKA, ZBIGNIEW WOCHYŃSKI**
Polish Air Force Academy, Poland

MONEY WITHOUT BORDERS: BITCOIN AND PAYMENTS IN TOMORROW'S ECONOMY

- 15. NEAGU PETRU, GEORGESCU MIHAI**
“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

AN ANALYSIS OF THE POSSIBILITIES TO IMPROVE THE HUMAN FACTOR EFFICIENCY IN AIR TRAFFIC MANAGEMENT

- 16. PANTA RALUCA-ELENA**
“Henri Coandă” Air Force Academy, Brasov, Romania

FAITH IN AMERICA'S FUTURE

- 17. PUIE OANA**
“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania
-

-
- TERRORISM 2.0 - SOCMINT VS. JABHAT AL-NUSRA*
18. **RAICU RAREȘ-ADRIAN, CÎRSTEA BOGDAN-ION**
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
- SECURITY CONTRACTORS: WHICH WAY FORWARD?*
19. **SABĂU BOGDAN-DOREL, DOROFTEI RADU-COSTIN**
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
- THE INFLUENCE OF ERGONOMICS, AS A "SUB-FACTOR" OF THE VIABILITY, ON THE PERFORMANCES OF MILITARY TECHNICAL SYSTEMS*
20. **SAVA MARIANA**
"Henri Coandă" Air Force Academy, Brasov, Romania
-
- OPERATION "TIDAL WAVE"*
21. **STOICA ALEXANDRU-IONEL**
"Henri Coandă" Air Force Academy, Brasov, Romania
-
- THE USE OF NUCLEAR DOMINATION STRATEGIES AND THEIR DEFICIENCIES*
22. **STRÎMBEANU MIHAI-IULIAN**
"Henri Coandă" Air Force Academy, Brasov, Romania
-
- THE ANALYSIS OF THE U.S. FY 2014 DEFENSE BUDGET*
23. **SZABÓ ALBERT**
University of Public Service, Hungary
-
- LEGAL OPPORTUNITIES TO ABOLISH THE USE OF CHILD SOLDIERS AND THE QUESTION OF RESPONSIBILITY*
24. **SZABO BERNADETT**
University of Public Service, Hungary
-
- MILITARY MAP READING AND MAPPING TECHNOLOGIES*
25. **ȚIFREA GEORGIANA-DIANA**
"Henri Coandă" Air Force Academy, Brasov, Romania
-
- GENERIC AND PORT OF CONSTANTA FORECAST*
26. **VOINEA ROXANA-ELENA**
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-

Humanities. Social Sciences.

Cultural Studies

Conference ROOM **E13**

Moderators:

TA Daniela **NAGY**

„Henri Coandă” Air Force Academy, Brasov

Student Adriana **CRISTEA**

„Henri Coandă” Air Force Academy, Brasov

PUPPETS AND PUPPETEERS

1. **ANDREICUȚ GEORGIANA, ȘERBAN ANDREEA**

“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

FROM PERSONAL DEVELOPMENT TO ORGANIZATIONAL DEVELOPMENT

2. **CHIRODEA SERGIU-CRISTIAN*, KUCHARIK MARTIN**,
VARBANOV VELIZAR *****

*“Nicolae Bălcescu”, Land Force Academy, Sibiu, Romania

** University of Defence, Brno, Czech Republic

***“Vasil Levski” National Military University, Veliko Tarnovo, Bulgaria

CULTURAL STUDIES

3. **COJOCARU NICOLAE-MARIUS**

“Alexandru Ioan Cuza”, Police Academy, Bucharest, Romania

HOW DO LEADERS SHAPE THE WORLD - INTELLIGENCE ROLE

4. **CORȘATEA MIHAELA-MARCELA, MIHALACHE DANIELA**

“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

INFLUENCE FORMS THROUGH COMMUNICATION

5. **DIȚU MĂDĂLIN-IONUȚ**

“Henri Coandă” Air Force Academy, Brasov, Romania

EXPLORATION OF MOTIVATION - SYRIAN CONFLICT

6. **DOBRE TEODORA**

“Mihai Viteazul” National Intelligence Academy, Bucharest, Romania

-
7. *THE FEMINIST MOVEMENT: BREAKING DOWN THE BARRIERS FOR WOMEN*
ENI DIANA, MIREA MIHAELA, POPA OANA-GABRIELA
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
8. *COMMUNICATION IN THE AIR TRAFFIC SYSTEM. MISCOMMUNICATION*
FILIP IULIA-RAMONA, BÎCÎIN TATIANA
"Henri Coandă" Air Force Academy, Brasov, Romania
-
9. *ASIAN CULTURE DO'S AND DON'TS*
ȚIRLESCU IOANA-ANDREEA
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
10. *FROM GOOD TO EXTRAORDINARY, IMPROVING THE MILITARY SYSTEM*
GRINDEANU IONUȚ, STOICAN MIHAI
"Nicolae Bălcescu", Land Force Academy, Sibiu, Romania
-
11. *FAMILY IN ACCEPTION OF MILITARY MEDICAL STUDENT TARGETING HIS CAREER*
IACOB ANDREEA-ELENA, COCA ANA-LUCIANA
University of Medicine and Pharmacy of Targu Mures, Romania
-
12. *INTO THE MIND OF A SERIAL KILLER*
IOSUB CĂTĂLINA
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
13. *FEAR OF FLYING*
IRINA LUCIANA-MĂDĂLINA
"Henri Coandă" Air Force Academy, Brasov, Romania
-
14. *THE ART OF SMALL TALK*
IUGA IRINA, SAVA DORINA
"Nicolae Bălcescu", Land Force Academy, Sibiu, Romania
-
15. *DENISOVANS. DISCOVERY AND MIGRATION*
MANASE BIANCA
"Babeș-Bolyai" University, Cluj-Napoca, Romania
-
16. *A PARALLEL REGARDING THE ADMISSION INTO AIR FORCE ACADEMIES IN ROMANIA AND THE UNITED STATES OF AMERICA*
MAXIM IONUȚ-TRAIAN, BÎNDAR GEORGE
"Henri Coandă" Air Force Academy, Brasov, Romania
-

-
- DEALING WITH MULTICULTURAL HUMAN RESOURCES IN A SOCIALLY RESPONSIBLE MANNER: ISSUES ON THE*
- 17. MULTICULTURALISM OF SEAGOING HUMAN RESOURCES**
MIHAI ANDREEA ELENA, MUTALI SEZEN
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
- CULTURAL INTELLIGENCE : "NIHIL SINE DEO" OR "NOTHING WITHOUT INTELLIGENCE"*
- 18. MOCANU CRISTINA, POPESCU ALEXANDRA**
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
- REINFORCING RUSSIA'S SOFT POWER IN GLOBAL AFFAIRS*
- 19. PANDIA LAURENȚIU, VIOREANU FLORINA**
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
- THE CREW OF MV TASMAN*
- 20. PENCEA MĂDĂLINA**
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
- THE UNTOLD WAR*
- 21. PISARGIAC CATALINA, PODEA ALEXANDRA-MARIA**
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
- THE HUMAN ELEMENT IN TRANSNISTRIA*
- 22. RACU ALEXANDRA, BADEA MARIAN**
"Mihai Viteazul" National Intelligence Academy, Bucharest, Romania
-
- ARTICLE 9 OF THE JAPANESE CONSTITUTION: A RECONSIDERED LEGAL BACKGROUND*
- 23. SCURTU ALEXANDRU-DORIN**
Transilvania University of Brasov, Romania
-
- DESIGNED TO SUCCEED*
- 24. SEREA CRISTIAN**
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
- THE POLITICAL BRITISH SYSTEM*
- 25. SUR ANDREI, NICOLAE MIHAI**
"Nicolae Bălcescu", Land Force Academy, Sibiu, Romania
-

Fundamental Sciences & Engineering

Conference ROOM **E73**

Moderators:

Lect Eng Cristian **CONSTANTINESCU**, PhD

„Henri Coandă” Air Force Academy, Brasov

Student Georgian **NOVAC**

„Henri Coandă” Air Force Academy, Brasov

1. *TECHNOLOGIES FOR THE PROCESSING OF MATERIALS USED IN AVIATION*

ARISANU ADRIAN

“Henri Coandă” Air Force Academy, Brasov, Romania

2. *SMART STRUCTURES AND MATERIALS*

BĂLAN CRISTIAN-IONUȚ

“Henri Coandă” Air Force Academy, Brasov, Romania

3. *SATELLITE NAVIGATION SYSTEMS: COMBINED GPS-GLONASS*

CHIRIȚESCU ADRIANA

Military Technical Academy, Bucharest, Romania

4. *A BRIEF STATUS ON CONDITION MONITORING AND FAULT DIAGNOSIS IN WIND ENERGY CONVERSION SYSTEMS*

COTEA SORIN

“Mircea cel Bătrân” Naval Academy, Constanta, Romania

5. *CONTACTLESS ELECTRIC IGNITER FOR VEHICLE TO LOWER EXHAUST EMISSION AND FUEL CONSUMPTION*

DAVID IONUȚ-GEORGE

“Mircea cel Bătrân” Naval Academy, Constanta, Romania

6. *BINARY PHASE SHIFT KEYING MODULATION USING THE MATHCAD PROGRAM*

GROZĂVESCU FLAVIUS-DORIN

“Henri Coandă” Air Force Academy, Brasov, Romania

7. *PROPELLER MODELLING USING CFD TECHNIQUES*

HANU ALEX

“Mircea cel Bătrân” Naval Academy, Constanta, Romania

-
8. *IMPROVING THE EFFICIENCY OF MILITARY RADIO SYSTEMS*
HRIMIUC MIHAI-ALEXANDRU
"Henri Coandă" Air Force Academy, Brasov, Romania
-
9. *GRID CODE REQUIREMENTS FOR WIND POWER INTEGRATION IN EUROPE*
IACOB CRISTIAN-MIHAI
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
10. *STUDY OF THE DYNAMIC STABILITY ON THE FLOATING STRUCTURES*
IACOB NICOLAE
„Dunărea de Jos” University of Galați, Romania
-
11. *OPTIMIZATION ANALYSIS OF HEAT EXCHANGE FOR A NAVAL COOLER USING CFD*
IACOB NICOLAE
„Dunărea de Jos” University of Galați, Romania
-
12. *ESTABLISHING A BLUETOOTH WIRELESS CONNECTION BETWEEN TWO END DEVICES*
LUPAȘCU IONELA-CRISTINA
"Henri Coandă" Air Force Academy, Brasov, Romania
-
13. *AIRCRAFT LANDING GEAR SYSTEMS (AIRBUS A320)*
MATEESCU DANIEL MIHAI
Military Technical Academy, Bucharest, Romania
-
14. *DESIGN AND CONSTRUCTION OF A TAIL-SITTER VTOL FOR INDOOR*
MĂHĂLEAN FLORINA
Military Technical Academy, Bucharest, Romania
-
15. *SMART MATERIALS USED IN RADAR INSTALLATIONS*
MEREUȚĂ ANDREI
"Henri Coandă" Air Force Academy, Brasov, Romania
-
16. *OPTIMAL REGENERATOR PERFORMANCE IN STIRLING ENGINES*
MIHAI ANDREEA-ELENA, MUTALI SEZEN
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-

-
17. *SOME ALGORITHMS FOR SOLVING SPECIAL TRIDIAGONAL BLOCK TOEPLITZ LINEAR SYSTEMS*
MIHAI ANDREEA-ELENA, MUTALI SEZEN
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
18. *BLADE VIBRATIONS OF AN AXIAL COMPRESSOR*
MOLCUȚ MARCU-ALEXANDRU
Military Technical Academy, Bucharest, Romania
-
19. *OPTICAL COMMUNICATION SYSTEMS USED IN THE MILITARY FORCES*
NICULA GEORGE
"Henri Coandă" Air Force Academy, Brasov, Romania
-
20. *A NUMERICAL METHOD FOR SOLVING LINEAR INTEGRAL EQUATIONS*
ONICHI MIHAELA, DOGARU ADRIAN, TĂNASE ALEXANDRU
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
21. *EXPERIMENTAL SAR (SPECIFIC ABSORPTION RATE) MEASUREMENT FOR A GSM MOBILE PHONE*
PAHOMI ANDREI
"Henri Coandă" Air Force Academy, Brasov, Romania
-
22. *SOME NUMERICAL REMARKS ON SOLVING VOLTERRA INTEGRAL EQUATIONS*
PANCIU IONUȚ-ROBERT, TUFAN ANA-MARIA
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
23. *MAGNETIC SYSTEM CONFIGURATION FOR A HALL EFFECT THRUSTER*
POTRIVITU GEORGE-CRISTIAN
Military Technical Academy, Bucharest, Romania
-
24. *STRUCTURAL HEALTH MONITORING*
RADU MARIUS-IOAN
Military Technical Academy, Bucharest, Romania
-
25. *MODELLING OF THE FLIGHT DYNAMICS OF A QUADROPTER*
STĂNESCU LAURA-ALEXANDRA
Military Technical Academy, Bucharest, Romania
-

-
26. *UNDERSTANDING OF 802.11 WIRELESS LAN NETWORKS*
STERIAN ROBERT-CĂTĂLIN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
27. *SMART MATERIALS AND THEIR PARTICULAR APPLICATIONS IN AVIATION*
ȘERBAN AURORA-GINA, VASILACHE DIANA-ALEXANDRA
Military Technical Academy, Bucharest, Romania
-
28. *COMPOSITE MATERIALS USED IN AIRCRAFT STRUCTURES*
ȘMALBERGHER EDUARD
"Henri Coandă" Air Force Academy, Brasov, Romania
-
29. *THE MAIN COMPONENTS OF THE JET ENGINE*
TAKACS EDGAR-ZOLTAN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
30. *STUDY OF THE WEAR DURING MACHINING OF CARBON/EPOXY COMPOSITES*
TĂNASE RALUCA
Military Technical Academy, Bucharest, Romania
-
31. *STUDY OF THE VIBRATIONAL BEHAVIOUR OF A MULTILAYER ANISOTROPIC COMPOSITE MATERIAL*
VASILACHE DIANA-ALEXANDRA
Military Technical Academy, Bucharest, Romania
-
32. *MODELLING OF TARGET DETECTION BY ACOUSTIC RADAR IN MATHLAB*
VICH FILIP
University Of Defence Brno, Czech Republic
-
33. *PROGRESS AND RECENT TRENDS IN WIND ENERGY*
ZAMFIR SORIN-MARIUS
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
34. *GLOBAL POSITIONING SYSTEM - STRUCTURE*
ZBRANCA CLAUDIU-LORIN
Military Technical Academy, Bucharest, Romania
-

Weapons & Defense Technology

Conference ROOM **E32**

Moderators:

Maj Eng Cornel **ARAMĂ**, PhD

„Henri Coandă” Air Force Academy, Brasov

Student Georgian **STOICA**

„Henri Coandă” Air Force Academy, Brasov

1. *PHYSICAL SECURITY INFORMATION MANAGEMENT APPLIED IN ROMANIAN MILITARY UNITS*

ALEXA RADU, GRECU RĂZVAN

“Carol Davila” University, Bucharest, Romania

2. *ATOM - A NEW IDEA (PROJECT) OF AIRPORT SECURITY SYSTEM*

BĂCEANU TONI-ION

“Henri Coandă” Air Force Academy, Brasov, Romania

3. *TACTICAL AIR NAVIGATION SYSTEM*

BUSUIOC ADRIAN-ALFREDO

“Henri Coandă” Air Force Academy, Brasov, Romania

4. *MICROWAVE LANDING SYSTEM*

CHIRILĂ CORNELIU

“Henri Coandă” Air Force Academy, Brasov, Romania

5. *AIRBORNE JAMMING SYSTEMS*

CIAPA MIRELA

“Henri Coandă” Air Force Academy, Brasov, Romania

6. *ACES II EJECTION SEAT*

IFTIME ADRIAN

Military Technical Academy, Bucharest, Romania

7. *THE XM 25 RIFLE*

IRIMIA ROBERT-ALEXANDRU, KINDRIȘ GABRIEL

“Nicolae Bălcescu”, Land Force Academy, Sibiu, Romania

-
8. *TRENDS OF AVIATION SYSTEM AS A WHOLE OPERATIONS WITH UAVS WITHIN UNSEGREGATED AIRSPACE*
ISACHE LIVIU-DANIEL
"Henri Coandă" Air Force Academy, Brasov, Romania
-
9. *THE M1 SERIES RIFLES THROUGH THE AMERICAN HISTORY*
ISPAS CIPRIAN
"Nicolae Bălcescu", Land Force Academy, Sibiu, Romania
-
10. *SURFACE TO AIR MISSILE SYSTEM*
MARIA PAVEL-CRISTIAN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
11. *NON-LETHAL WEAPONS - EMPLOYMENT AND PERSPECTIVES*
MIGIOI MARIN-MIHAI
"Alexandru Ioan Cuza", Police Academy, Bucharest, Romania
-
12. *HELICOPTER PROPULSION SYSTEM*
OCNEANU BOGDAN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
13. *THE IMPLEMENTATION OF MORPHING CONCEPT IN AIRCRAFT CONSTRUCTION. GENERAL CHARACTERISTICS, INSPIRATION AND ADVANTAGES*
ONIGA SEBASTIAN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
14. *THE UNKNOWN HISTORY OF WEAPONS*
POHONȚU ALEXANDRU, MELINTE FABIAN
"Mircea cel Bătrân" Naval Academy, Constanta, Romania
-
15. *RADAR DISPLAY SYSTEM*
SPĂTĂREANU DRAGOȘ, NOVAC GEORGIAN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
16. *TECHNICAL AND TACTICAL CHARACTERISTICS OF AIR DEFENCE MISSILES SYSTEMS. SWOT ANALYSIS OF THE SYSTEMS*
STURZU ADRIAN
"Henri Coandă" Air Force Academy, Brasov, Romania
-
17. *TRAFFIC COLLISION AVOIDANCE SYSTEM*
TRISTIU CĂTĂLIN
"Henri Coandă" Air Force Academy, Brasov, Romania
-

*THE IMPLICATIONS OF THE NEW REVOLUTION IN MILITARY
AFFAIRS CONCERNING THE INNOVATION OF MILITARY*

18. SYSTEM

VÂGA VLAD

“Henri Coandă” Air Force Academy, Brasov, Romania

*ELECTRONIC PROTECTION USED BY THE BATTALION HAWK-
HOMING ALL THE WAY KILLER*

19.

VÎRLAN ALEXANDRA

“Henri Coandă” Air Force Academy, Brasov, Romania
