

Conference Agenda

THURSDAY, April 06, 2017

16.00 hrs - 22.00 hrs	Arrival of delegations/ „Henri Coanda” Air Force Academy
19.00 hrs - 24.00 hrs	Ice breaker / Students’ Club (all participants are invited/dress code: smart casual)

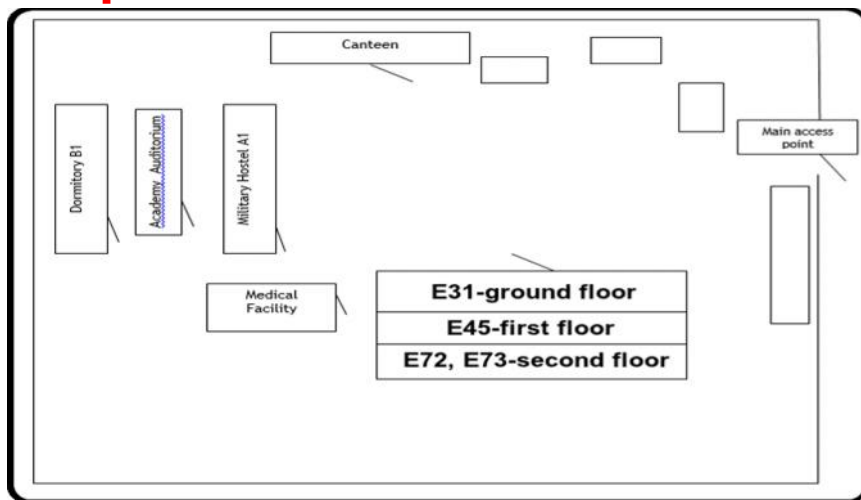
FRIDAY, April 07, 2017

07.00 hrs - 08.00 hrs	Breakfast (<i>Canteen</i>)				
08.00 hrs - 09.00 hrs	Welcoming and registration (<i>antechamber of Academy Auditorium</i>)				
09.00 hrs - 10.00 hrs	Official Opening of the International Conference “Communicating Across Cultures” AFASTUD’17 (<i>Academy Auditorium</i>)				
10.00 hrs - 10.15 hrs	Photo Session (<i>In front of Bdg A1</i>)				
10.30 hrs - 13.30 hrs	Panels (I)	Weapons & Defence technology <i>E - 31</i>	Fundamental sciences & Engineering <i>E - 45</i>	Humanities Social sciences. Cultural studies <i>E - 72</i>	Military sciences & Management <i>E - 73</i>
13.30 hrs - 14.30 hrs	Lunch/ Students’ Dining Facility (<i>Canteen</i>)				
14.30 hrs - 16.00 hrs	Panels (II)	Weapons & Defence technology <i>E - 31</i>	Fundamental sciences & Engineering <i>E - 45</i>	Humanities Social sciences. Cultural studies <i>E - 72</i>	Military sciences & Management <i>E - 73</i>
17.00 hrs - 18.00 hrs	Closing of the International Conference “Communicating Across Cultures” AFASTUD’17”/ “Henri Coanda” Air Force Academy’s (<i>Academy Auditorium</i>)				
19.00 hrs - 02.00 hrs	Students’ Evening / Lux Divina				

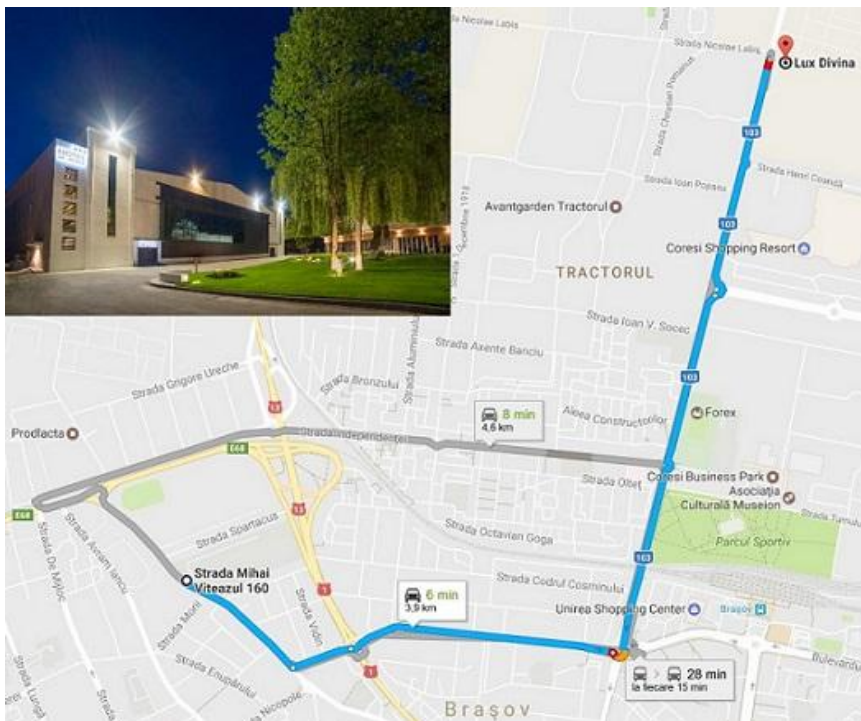
SATURDAY, April 08, 2017

09.00 hrs - 10.00 hrs	Breakfast (<i>Canteen</i>)
14.00 hrs - 15.00 hrs	Lunch/ Students’ Dining Facility (<i>Canteen</i>)
15.00 hrs	Departure of delegations

Map of Conference Location



Lux Divina



Organizing Committee

Lt.Col. Associate Professor Eng. Laurian **GHERMAN**, PhD

Student Flavius Nicolae **BRICIU**

Student Daniel **BULAI**

Student Cosmin **RUSU**

Student Anamaria **ZUGRAVU**

Student Cosmin **DULUMAN**

Student Adrian **MARIN**

Student Răzvan **RO U**

Student Paul **POPA**

Student Ioana **GEAN**

Student Cristian **ANDREI**

Student Andrei **POPA**

Student Bogdan **ILE OI**

Student Vasile **SOLDANESCU**

Student Gabriel **GOBEAJ**

Student Mădălina **DONISAN**

Student Elena **VASILIU**

Student Andrei **NEGUR**

Student Silviu **DOBRESENCIUC**

Student Oana **TIVADAR**

Student tefan **CHIRIAC**

Student Claudiu **ARGYELAN**

Student Vlad **CHERAN**

Student Petri or **RUSU**

Student Marius **POPA**

Student Vlad SKOWRONSKI
Student Maria MUNTEANU
Student Bogdan BOGATU
Student Daniel F RCA
Student Radu POENAR
Student Cristian MILEA
Student Claudiu BÎRC
Student Grigore HANȚIG
Student Tom STOICA
Student Lucian IONEL
Student Andrei POPOVICI
Student Andreea MIHAI
Student Denisa BOLCHI
Col. Vasile ANDRU, PhD
Assistant Professor George-Cristian CONSTANTINESCU, PhD
Assistant Professor Cornel ARAM , PhD
WO Sergiu OBREJA
Eng Mariana GHIND OANU
Eng Daniela OBREJA
Inf Adina DOBRI OIU
WO Marian MIHALACHE
WO C llin DOBREAN
WO Marius T NASE

Moderators

Military Sciences & Management

Cpt Cristian PANAIT

Student Anamaria ZUGRAVU

Student Cosmin RUSU

Weapons & Defense Technology

Maj Teaching Assistant Daniel-Cornel TEF NESCU

Student Marin ADRIAN

Student Cosmin DULUMAN

Humanities. Social Sciences. Cultural Studies

Lect Daniela NAGY, PhD

Student R zvan RO U

Student Paul POPA

Fundamental Sciences & Engineering

Assistant Prof Cristian-George CONSTANTINESCU, PhD

Student Ioana GEAN

Student Cristian MILEA

Scientific Committee

Lt.Col. Assoc Prof Eng. Laurian GHERMAN, PhD

„Henri Coanda” Air Force Academy, Brasov

Associate Professor Eng. Marcel HARAKAL, PhD

Armed Forces Academy of General Milan Rastislav Štefánik,
Slovakia

Associate Professor Mária PETRUFOVÁ, PhD

Armed Forces Academy of General Milan Rastislav Štefánik,
Slovakia

Col. Vasile ANDRU, PhD

„Henri Coanda” Air Force Academy, Brasov

Assistant Professor George-Cristian CONSTANTINESCU, PhD

„Henri Coanda” Air Force Academy, Brasov

Maj Assistant Professor Cornel ARAM , PhD

„Henri Coanda” Air Force Academy, Brasov

Lect Daniela NAGY, PhD

„Henri Coanda” Air Force Academy, Brasov

Maj Teaching Assistant Daniel-Cornel TEF NESCU

„Henri Coanda” Air Force Academy, Brasov

The Conference' Panels

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1. Military Sciences & Technology	9
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2.1 Humanities. Social Sciences. Cultural Studies	17
2.2 Fundamental Sciences & Engineering	21

1. Military Sciences & Technology

1.1 Military Sciences & Management

Conference ROOM E73

Moderators:

Cpt Cristian PANAIT

„Henri Coanda” Air Force Academy, Brasov

Student Anamaria ZUGRAVU

Student Cosmin RUSU

„Henri Coanda” Air Force Academy, Brasov

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| 1. | IMAGE OF A SOLDIERS PRESENTED BY MASS MEDIA COMPANIES AS A POSSIBLE THREAT FOR THE NATIONAL AND INTERNATIONAL SECURITY
AHMEDOVA SELDA
<i>“Vasil Levski” National Military University, Faculty of Aviation, Bulgaria</i> |
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| 2. | MICROWAVE LANDING SYSTEM
ARTENIE ADRIAN-FLORIN
<i>“Henri Coanda” Air Force Academy, Brasov, Romania</i> |
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| 3. | THE COMBAT DIVERS OF THE NAVAL FORCES FOR SPECIAL OPERATIONS
BÎRC CLAUDIU
<i>“Henri Coanda” Air Force Academy, Brasov, Romania</i> |
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| 4. | ASPECTS REGARDING USE OF IMPROVISED EXPLOSIVE DEVICES IN AFGHANISTAN
BORDEI COSTEL
<i>“Henri Coanda” Air Force Academy, Brasov, Romania</i> |
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| 5. | GATE TO THE FUTURE
CIOTIN NARCISA-MARIA
<i>“Henri Coanda” Air Force Academy, Brasov, Romania</i> |
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| 6. | MODERN TRAINER AIRCRAFTS
CIREBEA FELIX
<i>“Henri Coanda” Air Force Academy, Brasov, Romania</i> |
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7.	NATO'S COUNTER PIRACY MISSIONS CONSTANTIN GEORGIAN-GABRIEL, JURAVLE ALEXANDRU-ADRIAN <i>"Mircea cel Batran" Naval force Academy, Constanta, Romania</i>
8.	SHORT HISTORY OF EVOLUTION OF TERRORISM MASS-MEDIA AND TERRORISM CRAINICIUC NICOLAE <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
9.	MILITARY SURVEILLANCE SYSTEMS CRISTEA ALEXANDRU-CORNEL <i>"Aurel Vlaicu" Training School for Air Force, Boboc, Romania</i>
10.	NETWORK CENTRIC WARFARE DUMITRU IONU ALEXANDRU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
11.	ELECTRONIC WARFARE FEISAN ANDREI-IOAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
12.	AIR DEFENCE IN THE REPUBLIC OF POLAND GACH ANDRZEJ, WOLSKI MATEUSZ <i>"General Tadeusz Kosciuszko" Land Forces Academy, Poland</i>
13.	HUMAN-MACHINE INTERACTION GL MAN GABRIEL-DORIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
14.	CONSTRUCTION OF AIRCRAFT USING THE MORPHING CONCEPT H PRIAN ALEXANDRU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
15.	AIRCRAFT FIRE DETECTION AND PROTECTION SYSTEMS HA EGAN CIPRIAN-IONU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
16.	DOLPHIN' S SECRETS MINTAR MIHAIL-MIREL, SPĪNU MARIUS ANDREI <i>"Mircea cel Batran" Naval Academy, Constanta, Romania</i>
17.	OPTOELECTRONIC SYSTEMS IN AVIATION TECHNIQUE MOLDOVEANU VALENTIN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
18.	2008: RUSSIAN CYBER AND ARMED ATTACK AGAINST GEORGIA MUNTEANU DELIA-SABINA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>

19.	ANALYZING UNMANNED AERIAL VEHICLES CONCERNING AUTONOMY PÁNYA NÁNDOR <i>National University of Public Service, Military Science and Officer Training Faculty, Budapest, Hungary</i>
20.	CONSTRUCTION AND OPERATION OF RADAR INSTALLATIONS -DIGITAL RADARS- PERSU MARIAN-CONSTANTIN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
21.	THE IMPORTANCE OF INFORMATION TECHNOLOGY IN THE DEVELOPMENT OF AIR POWER OF A STATE PETRA FLORIN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
22.	TERRITORIAL DEFENSE - COMPONENT OF NATIONAL DEFENSE R DUCU ALEXANDRU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
23.	CONSTRUCTIVE SOLUTIONS AND FLIGHT PERFORMANCES ANALYSIS REFENEA BOGDAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
24.	INTEGRATED SYSTEMS USED BY AIRCRAFT FOR AIR TRAFFIC SAFETY RO U R ZVAN-CRISTIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
25.	CONSIDERATIONS ABOUT DE RELATION BETWEEN MUSCULOSKELETAL FITNESS AND VITAMIN D AND PROTEIN INTAKE IN SPECIAL OPERATIONS FORCES WARRIORS STAIKU IULIA-M D LINA <i>Institute for Military Medicine, Bucharest, Romania</i>
26.	GNSS SYSTEMS - NAVIGATION SYSTEMS FOR THE BEGINNING OF THE THIRD MILLENNIUM STOICA R ZVAN-ADRIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
27.	CONSIDERATIONS REGARDING PHOTOVOLTAIC SYSTEMS WITH APPLICATIONS AT UNMANNED AIRCRAFT SUCIU EMANUEL <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>

AIRCRAFT STATIC STABILITY
28. T NASE NELU-CIPRIAN
"Henri Coanda" Air Force Academy, Brasov, Romania

EUROPEAN UNION'S ENERGY SECURITY AND THE GAS SUPPLY
DURING THE UKRAINIAN CRISIS
29. VASILE RALUCA-THEODORA
"Henri Coanda" Air Force Academy, Brasov, Romania

UNITED NATION MISSION PEACEKEEPING IN HAITI
30. VI AN MIHAI, ZVÂNC CONSTANTIN
"Mircea cel Batran" Naval Academy, Constanta, Romania

1.2 Weapons & Defense Technology

Conference ROOM E31

Moderators:

Maj Teaching Assistant Daniel-Cornel TEF NESCU

„Henri Coanda“ Air Force Academy, Brasov

Student Adrian MARIN

Student Cosmin DULUMAN

„Henri Coanda“ Air Force Academy, Brasov

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1. IMPLEMENTATION OF UAVS IN MILITARY OPERATIONS
ARDELEAN VLAD-ALEX
“Henri Coanda“ Air Force Academy, Brasov, Romania

 2. USING BSP AS A TOOL FOR FIGHTING TRANSPORT AND ENTERTAINMENT
BŁASZCZYK RADOSŁAW
Polish Air Force Academy , Deblin, Poland

 3. EVALUATION PARAMETERS OF FAST SIGHTING DEVICES AND LASER RANGEFINDERS
BOGATU BOGDAN
“Henri Coanda“ Air Force Academy, Brasov, Romania

 4. NATO AIRBORNE EARLY WARNING SYSTEM
BOLCHI DENISA-NICULINA
“Henri Coanda“ Air Force Academy, Brasov, Romania

 5. THE GRAPHICAL CONSTRUCTION OF THE MISSILE’S KINEMATIC TRAJECTORY
CAMCIUC ROBERT
“Henri Coanda“ Air Force Academy, Brasov, Romania

 6. COMPARATIVE STUDY BETWEEN S-400 TRIUMF AND MIM-104 PATRIOT MISSILES SYSTEM
CHICU TEFAN
“Henri Coanda“ Air Force Academy, Brasov, Romania

 7. THE BEST MAN PORTABLE AIR DEFENSE SYSTEMS
CIOBANU IONU-DANIEL
“Henri Coanda“ Air Force Academy, Brasov, Romania
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8.	“EUROFIGHTER TYPHOON” VERSUS “SAAB JAS 39 GRIPEN” MULTIROLE AIRCRAFT. COMPARATIVE STUDY COROIAN ALEXANDRU ANDREI <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
9.	MILITARY RADAR DASC LU PAVEL <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
10.	COMPARATIVE STUDY ON THE SYSTEMS OF INTEGRATED GROUND- BASED AIR DEFENSE PANTSIR-S1 GOBEAJ GABRIEL DANIEL <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
11.	BATTLE MANAGEMENT, COMMAND AND CONTROL (BMC2) GR DINARU COSMIN-CONSTANTIN <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
12.	FLIGHT PERFORMANCES OF MILITARY HELICOPTERS HARABUL DIANA-RALUCA <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
13.	ANTIAIRCRAFT ROCKETS MOTORS IACOB EUSEBIU <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
14.	CHARACTERISTICS AND PERFORMANCES OF MODERN ATTACK HELICOPTERS MIHAI TEFAN-IUSTIN <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
15.	COMPARATIVE ANALYSIS OF TUNING MISSILE AUTOPILOTS USING INTELLIGENT METHODS LAZIYAN NADEZHDA, STOILKOV ALEKSANDAR, TUYLEV MIHAIL <i>National Military University “Vasil Levski”, Aviation Faculty, Bulgaria</i>
16.	RADARS, OPERATE PRINCIPLE AND CLASSIFICATION LUPA TEAN COSMIN-IULIAN <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>
17.	RADAR JAMMING PROTECTION MEASURES MICU CLAUDIU FLORIN <i>“Aurel Vlaicu” Training School for Air Force, Boboc, Romania</i>
18.	SEARCHING, RECOGNITION, AND ENGAGEMENT OF AERIAL TARGETS - SURFACE BASED AIR DEFENCE COORDINATES MILEA NICOLAE - CRISTIAN <i>“Henri Coanda” Air Force Academy, Brasov, Romania</i>

19.	COCKPIT DISPLAY SYSTEMS ON BOARD OF MILITARY AIRCRAFTS ONIGA SEBASTIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
20.	SISTEMUL INTEGRAT DE AP RARE AERIAN I ANTI-RACHET NATO (NATINAMDS) P R IAN BOGDAN-IOAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
21.	UAV LIKE A MILITARY WEAPON P T R A C U SORIN GHEORGHE <i>"Aurel Vlaicu" Training School for Air Force, Boboc, Romania</i>
22.	COMPARATIVE STUDY ON AIR VEHICLE AERODYNAMICS P U N A CONSTANTIN-LUCIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
23.	STUDY ABOUT THE CURRENT STRUCTURE AND PERFORMACES OF S.A.M SYSTEMS POPA ANDREI-NICOLAE <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
24.	STUDY REGARDING RADAR CROSS SECTION OF UNMANNED AIRCRAFT POPA LARISA <i>Military Technical Academy, Bucharest, Romania</i>
25.	FUTURE FIGHT SUITS O L D N E S C U VASILE <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
26.	STEALTH HELICOPTER BOEING-SYKORSKY RAH-66 COMANCHE U M L A N GEORGE-R ZVAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
27.	RADAR MISSILE GIUDANCE TECHNIQUES TAKACS EDGAR-ZOLTAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
28.	CYBER THREATS NOWADAYS V I R L A N ALEXANDRA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
29.	ADVANTAGES OF USING THE ANTI-AIRCRAFT WEAPON - TUNGUSKA-M1 - V O I C U R ZVAN-GEORGE <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>

2. Fundamental Sciences & Cultural Studies

2.1 Humanities. Social Sciences. Cultural Studies

Conference ROOM E72

Moderators:

Lecturer Daniela NAGY , PhD

„Henri Coanda“ Air Force Academy, Brasov

Student R zvan RO U

Student Paul POPA

„Henri Coanda“ Air Force Academy, Brasov

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1. TITANIC: THE TRUTH BEYOND THE DISASTER
AMET FERNIS, STR TULAT DORINA-DIANA
“Mircea cel Batran” Naval Academy, Constanta, Romania

 2. TERRORISM, A XXI CENTURY CHALLENGE
ARISANU PAUL
“Henri Coanda“ Air Force Academy, Brasov, Romania

 3. OPTIMISM VERSUS PESSIMISM IN LEADERSHIP
BARANIUC CARMEN-ELENA
“Henri Coanda“ Air Force Academy, Brasov, Romania

 4. THE ART OF ENCODED MESSAGES
BUCUR SEBASTIAN-ANTONIO
“Henri Coanda“ Air Force Academy, Brasov, Romania

 5. WHATEVER QUESTION EDUCATION IS THE ANSWER
BULAI DANIEL
“Henri Coanda“ Air Force Academy, Brasov, Romania

 6. TWENTY-EIGHT YEARS OF DEMOCRACY; TWENTY-EIGHT YEARS
OF SECURITY?
COM NOAIA ADRIANA
“Henri Coanda“ Air Force Academy, Brasov, Romania
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7.	GENERAL ASPECTS REGARDING INFORMATIONAL WARFARE CONSTANTIN GEORGIAN - COSMIN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
8.	INTERMARIUM - AN OLD IDEA FOR A STRONG EUROPE CREȚU VASILE <i>"Mihai Viteazul" National Intelligence Academy, Bucure ti, România</i>
9.	COMMUNICATION IN THE MILITARY ORGANIZATION. BODY LANGUAGE DONISAN M D LINA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
10.	A BRIEF HISTORY OF RADAR TECHNOLOGY DRAGOMIR ANDREI-SILVIU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
11.	THE INFLUENCE OF DEBATE OVER OUR CRITICAL THINKING DUMITRU MATEI-ALEXANDRU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
12.	POST-TRAUMATIC STRESS DISORDER GHERGHICIANU LORENA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
13.	THE COMMUNICATION BETWEEN PILOTS AND AIR TRAFFIC CONTROLLERS GIOSAN RALUCA GABRIELA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
14.	TATTOOS: SYMBOL OF IDENTITY OR FASHION? PSYCHOLOGICAL VIEW ON TATTOOS IN THE ROMANIAN ARMY ILE OI BOGDAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
15.	THE FUTURE THROUGH A CRYSTAL EYE BALL. THE DEMOGRAPHIC CRISIS AND ITS REAL DIMENSIONS IN THE 21'ST CENTURY IOANE IOANA CONSTANTINA <i>"Mihai Viteazul" National Intelligence Academy, Bucure ti, România</i>
16.	LEADERSHIP - TRIBUTE TO EMOTIONAL INTELLIGENCE IONESCU IOANA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
17.	ANMB-MODELING TOMORROW'S LEADERS JURAVLE ALEXANDRU <i>"Mircea cel Batran" Naval Academy, Constanta, Romania</i>

18.	PSYCHOLOGICAL COMPLEX IN THE MILITARY - SOURCES AND MANIFESTATIONS MIHALEA ANA-MARIA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
19.	CAPABILITY MATURITY MODEL MILEA SORIN VALENTIN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
20.	"WRATH OF GOD" . THE REVANGE OF MOSSAD MUCEA DANUT MIHAI <i>"Aurel Vlaicu" Training School for Air Force, Boboc, Romania</i>
21.	ISLAMIC STATE. AN ALTERNATIVE TO LIFE FOR WOMEN FROM THE WEST MUNTEANU MARIA-C T LINA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
22.	LIFE AND EXISTENCE RELATED TO INTERPENETRATING DIMENSIONS ONOFREI STEFAN-FELIX <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
23.	NON-VERBAL COMMUNICATION - THE KEY TO UNDERSTANDING OTHERS AND COMMUNICATING EFFECTIVELY POPESCU VLADIMIR, PINTILEI VALENTIN-CEZAR <i>"Nicolae Balcescu" Land Forces Academy, Sibiu, Romania</i>
24.	INFORMATION WAR - PART OF CONTEMPORARY MILITARY PHENOMENON SAVA ANDREEA MADALINA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
25.	WHY REJECTION HURTS SO MUCH? SKOWRONSKI VLAD-ANDREI <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
26.	THE ROLE OF WOMEN IN THE MILITARY STOICA ALEXANDRU TOM <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
27.	RUSSIAN PROPAGANDA - WHAT'S BEHIND? T NASE VALENTINA <i>"Mihai Viteazul" National Intelligence Academy, Bucure ti, România</i>
28.	PERSONAL SPACE AND TIME AND THEIR INFLUENCE ON THE HUMAN BEHAVIOUR URSESCU VLAD <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>

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29. FIRST YEAR STUDENTS ADAPTATION TO THE CONDITIONS
IMPOSED BY THE UNIVERSITARY MILITARY EDUCATION
VILCEANU LIVIU-VLADUT, VULTUR IOANA-MARIA
Military Medical Institute Bucharest, Targu Mures, Romania
-

2.2 Fundamental Sciences & Engineering

Conference ROOM E45

Moderators:

Assistant Prof Cristian-George CONSTANTINESCU, PhD

„Henri Coanda“ Air Force Academy, Brasov

Student Ioana GEAN

Student Cristian MILEA

„Henri Coanda“ Air Force Academy, Brasov

-
1. CONSIDERATIONS ABOUT GEOGRAPHICAL INFORMATIONAL SYSTEMS
ANTAL ALEXANDRU, NEGUR ADRIAN ANDREI
“Henri Coanda“ Air Force Academy, Brasov, Romania

 2. DECISION MAKING AND RISK IN AVIATION
ARDELEAN C T LIN-IOAN
“Henri Coanda“ Air Force Academy, Brasov, Romania

 3. USE OF PIEZOELECTRICITY AS GREEN ENERGY
B LAN CRISTIAN-IONU
“Henri Coanda“ Air Force Academy, Brasov, Romania

 4. THE INFLUENCE OF METEOROLOGICAL PHENOMENA ON AVIATION
BOMBEA ALEXANDRA-ELENA
“Henri Coanda“ Air Force Academy, Brasov, Romania

 5. LOCAL AREA NETWORKS - SECURITY VULNERABILITIES AND PHISHING WEBSITES
CIUBOTARU BOGDAN
Military Technical Academy, Bucharest, Romania

 6. A COMPARATIVE STUDY ON LONGITUDINAL STABILITY
CONSTANTIN LUCIAN, EPURESCU C T LIN
Military Technical Academy, Bucharest, Romania

 7. AERIAL REFORESTATION - USING WAR MACHINES FOR ENVIRONMENTAL BENEFIT
DIMITROV IVAN, STEFANOV IVAN
“Vasil Levski” National Military University, Faculty of Aviation, Bulgaria
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8.	CELESTIAL MECHANICS AND DYNAMICAL ASTRONOMY FLONTA CORINA, ZUGRAVU ANAMARIA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
9.	RADAR ASTRONOMY FLOREA C T LIN ALEXANDRU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
10.	HOW TO BUILD A WATT FM TRANSMITTER ME TERU ANDRA-ELENA, CORBU SORIN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
11.	WATER-CARTS AND PAINTED CARTS: TWO ICONIC WHEELED CONTRAPTIONS OF THE 1800s-1900s RECREATED IN 3D MITRAN ILIE IULIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
12.	TEHNOLOGIES FOR OBTAINING G.I.S. DATA NEGUR ANDREI ADRIAN, ANTAL ALEXANDRU <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
13.	SENSE AND AVOID SYSTEM IMPLEMENTATION IN NATIONAL AIRSPACE PANTEA ANDREI <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
14.	GAS TURBINE ENGINE COMPRESSORS P UN PATRICIA-MARINA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
15.	ANALOG SIGNAL MODULATION TEHNIQUES POPA MARIUS-GEORGIAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
16.	A BRIEF DESCRIPTION OF PERPETUAL MOTION POPESCU TEFAN <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
17.	ELECTROMAGNETIC SPECTRUM SILAGHI ANAMARIA <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>
18.	AVIATION AND NOISE ALEKSANDRA LIWI SKA, ANDRZEJ LIWI SKI <i>War Studies University, Warsaw, Gdynia Maritime University Poland</i>
19.	PROPELLER OPERATING ISSUES IN SINGLE ENGINE AIRPLANES MALBERGHER NICOLAE EDUARD <i>"Henri Coanda" Air Force Academy, Brasov, Romania</i>

20. METHODS OF DIGITAL IMAGE PROCESSING
STEFANOV IVAN, DIMITROV IVAN
"Vasil Levski" National Military University, Faculty of Aviation, Bulgaria

21. ASPECTS REGARDING INNOVATIVE SPACE THRUST SYSTEMS
ULARU DANIEL ION
"Henri Coanda" Air Force Academy, Brasov, Romania

22. HYDROGEN - FUTURISTIC FUEL FOR INTERNAL COMBUSTION
ENGINES
VIJULIE MARIAN, POPA LARISA
Military Technical Academy, Bucharest, Romania

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