

THE SESSION'S SECTIONS

1. SOCIO - HUMANITIES

- 1.1. SOCIAL SCIENCES
- 1.2. MANAGEMENT
- 1.3. FOREIGN LANGUAGES

Coordinator: Capt Lecturer Adrian LESENCIUC
e-mail: adrian.lesenciuc@afahc.ro

2. MATHEMATICS, IT&C – COMPUTER SCIENCE

- 2.1. MATHEMATICS - COMPUTER SCIENCE
- 2.2. INFORMATION TECHNOLOGY AND

COMMUNICATIONS

Coordinator: TA Math Bogdan MUNTEANU
e-mail: munteanu.b@afahc.ro

3. ENGINEERING SCIENCES

- 3.1 ELECTRICAL AND ELECTRONICAL ENGINEERING
- 3.2. MECHANICAL ENGINEERING
- 3.3. MATERIALS AND TECHNOLOGY

Coordinator: Lecturer Eng Liliana MIRON, PhD
e-mail: liliana.miron@afahc.ro

4. AIR FORCE

- 4.1. MILITARY SCIENCES
- 4.2. MILITARY TECHNIQUE
- 4.3 OPERATIONAL WARFARE AND TACTICS

Coordinator: Lt Cdr Eng Ionica CIRCIU, PhD
e-mail: ionica.circiu@afahc.ro

SPECIAL SESSION

DEVELOPMENTS IN THE FIELD OF UAS'S

1. AEROMECHANICAL ASPECTS, STRUCTURES, MATERIALS
2. PROPULSIONS SYSTEMS
3. NEW MISSIONS
4. AUTOPILOTS AND NAVIGATION
5. SENSORS
6. DATA LINK

Coordinator: Dipl Eng Jorg DITTRICH,
DLR-Institute of Flight Systems, Germany
e-mail: joerg.dittrich@dlr.de

INTERNATIONAL SCIENTIFIC COMMITTEE

Honorary president:

Major General **Ion-Aurel STANCIU, PhD**
Chief of Romanian Air Force Staff

Presidentship:

Cdr Prof **Gabriel-Florin MOISESCU, PhD**
Rector of Air Force Academy, Romania
Brigadier General **Miroslav KELEMEN**
Rector of Armed Forces Academy, Slovak Republic
Dipl.-Ing. **Volker SCHULZE,**
Managing Director airtec GmbH&Co.KG, Germany

Members:

Cdr (r) Prof **Traian ANASTASIEI, PhD**
Defense National University, Bucharest
Assoc Prof Eng **Valentina BĂLAȘ, PhD**
„Aurel Vlaicu” University Arad
Cdr Prof Eng **Ghiță BÂRSAN, PhD**
„Nicolae Bălcescu” Land Forces Academy, Sibiu
Assoc Prof **Margareta BOACA, PhD**
“Carol I” National Defense University
Prof **Dorin BOCU, PhD**
Transilvania University of Brașov, Romania
Assoc.Prof. Dipl.Eng. **Pavel BUCKA PhD**
Armed Forces Academy of General Milan Rastilav
Stefanik, Liptosky Mikulas, Slovak Republic
Prof Eng **Mihai CIOBOTA, PhD**
Transilvania University of Brașov, Romania
Prof Eng **Ioan GIACOMELLI, PhD**
„Transilvania” University, Brașov
Prof Eng **Elena HELEREA, PhD**
„Transilvania” University, Brașov
Assoc Prof **Rudolf HORAK PhD**
University of Defence, Brno, Czech Republic
Eng **Miroslav HRUBY**
University of Defence, Brno, Czech Republic
Prof Eng **Nicolae JULA, PhD,**
Military Technical Academy, Bucharest
Prof **Alexei LEAHU, PhD**
„Ovidius” University, Constanța, Romania
Assoc Prof **Doru LUCULESCU, PhD**
„Henri Coanda” Air Force Academy, Brasov
Lt Col Assoc Prof Eng **Jaromir MARES, PhD**
Defense University, Brno, Czech Republic
Prof **Vasile MACOVICIUC, PhD**
Academy of Economic Studies, Bucharest
Mr GI (r) Prof **Florentin MORARU, PhD**
Military Technical Academy, Bucharest

CS1 Eng **Catalin NAE, PhD,**
INCAS , Bucharest
Prof Eng **Vasile NĂSTĂSESCU, PhD**
Military Technical Academy, București, Romania
Col.(GS) **Pavel NECAS**
Armed Forces Academy, Slovak Republic
Prof **Stefan NEDELICU, PhD**
„Henri Coanda” Air Force Academy, Brasov
Col Prof Eng **Ioan NICOLARESCU, PhD**
Military Technical Academy, Bucharest
Prof Eng **Stelian PANZARU, PhD**
„Spiru Haret” University, Brasov
Lt Col Assoc Prof **Marian PEARSICA, PhD**
“Henri Coanda” Air Force Academy, Brasov
Roy PESIN, PhD
Simlat UAV Training Solutions, Israel
Asoc.prof **Anca PETRE, PhD**
Universite de Pau et des pays de l'Adour Laboratoire
de Genie Electrique, Toulouse, France
Lt Col Eng **Akos POROSZLAI, PhD**
National Defense University,
„Miklos Zrinyi”, Budapest, Hungary
Prof Eng **Gabriela PRELIPCEAN, PhD**
“Stefan cel Mare” University, Suceava
Prof **Domnica RADULESCU, PhD**
Washington & Lee University Lexington, USA
Prof **Mihai ROMAN, PhD, ASE, Bucharest**
Cdr Prof **C-tin ROTARU, PhD**
Military Technical Academy, Bucharest
Cdr Prof **Gheorghe SAMOILESCU, PhD**
“Mircea cel Batran” Navy Academy, Romania
Prof Math **Florentin SMARANDACHE, PhD**
University of New Mexico, Gallup, USA
Prof Eng **Milan SOPOCI, PhD**
Armed Forces Academy, Slovak Republic
Prof **Stelian STANCU, PhD, ASE, Bucharest**
Prof Eng HC **Virgil STANCIU, PhD**
Politehnica University, Bucharest
Col. **Miroslav SUHAJ**
University of Defence, Brno, Czech Republic
Col. Prof **Robert SZABOLCSI, PhD**
National Defence University, Budapest, Hungary
Prof Eng **Alex STEFAN, PhD**
Bloomfield College, USA
Prof Eng **Mircea ȚIEREAN, PhD**
„Transilvania” University of Brașov, Romania
Prof Eng **Petrică VIZUREANU, PhD**
„Gheorghe ASACHI” Technical University, Iasi
Prof Eng **Peter VORSMANN, PhD,**
Institute of Aerospace Systems, Germany

ORGANIZING COMMITTEE

Chairman:

Capt Cdr Prof **Mircea BOSCOIANU**, PhD

Vice- chairman:

Prof Eng **Ion DINESCU**, PhD

Members:

TA Math **Gheorghe RADU**

Capt. **Cătălin CIOACĂ**

Math. **Carmen URSOIU**

DEADLINES

- **20.03.2010** – sending of applications and abstracts (*in extenso*-2 pages);
- **31.03.2010** – confirmation of papers' acceptance;
- **16.04.2010** – sending of final paper(s), as well as of the participation fee - payment proof.

PARTICIPATION REQUIREMENTS

The participation fees are:

Section	Foreign participants	Romanian participants	PhD students
1,2,3,4	100 Euro	200 Lei	100 Lei
Special Session	250 Euro	250 Euro	250 Euro

One can participate as the unique author, as a main author, or as a co-author with a number of maximum **2 (two) papers**. It will be paid in one of the bank accounts:

- LEI: **RO32RNCB0053048580850001**, BCR Braşov
- EURO: **RO80RNCB0053048580850010**, BCR Braşov, code *SWIFT: RNCB ROBU*, on the name:

Asociația Clubul Cadrelor Militare

GENERAL INFORMATION

- Papers will be written in English.
- Instructions for papers writing will be available on the Air Force Academy's site (www.afahc.ro).
- Application forms and abstracts will be sent via e-mail, on the Conference coordinator address.
- Final papers will be submitted via e-mail, as attachments (*.doc) on the e-mail addresses specified for each of the sections - For further information contact the Conference Secretariat:

E-mail: afa_ses10@afahc.ro

Tel.: +400268/423421 extension 0184, 0132

APPLICATION FORM

FIRST NAME

LAST NAME

INSTITUTION

ADDRESS

TELEPHONE E-MAIL

I would like to participate in the Session within the **section**:

.....

with the following papers (maximum 2 papers per author/co-author):

[TITLE/AUTHOR (AUTHORS)]

I would like to have accommodation: YES / NO

SCHEDULED ACTIVITIES

27 May 2010

10⁰⁰ - 18³⁰ Arrival of participants. Accommodation
19⁰⁰ Cocktail

28 May 2010

08⁰⁰ - 08³⁰ Welcoming and registration
08³⁰ - 09³⁰ Opening of the session
- Opening speeches
- Organizational specifications
09³⁰ - 11³⁰ Plenary session
11³⁰ - 12⁰⁰ Break
12⁰⁰ - 14⁰⁰ Paper presentation on sections (I)
14⁰⁰ - 15³⁰ Break
15³⁰ - 17⁰⁰ Paper presentation on sections (II)
17⁰⁰ - 17³⁰ Break
17³⁰ - 19⁰⁰ Paper presentation on sections (III)
19³⁰ Official dinner

29 May 2010

09⁰⁰ - 14⁰⁰ Sightseeing activities
14⁰⁰ - 23⁰⁰ Departure of participants

"HENRI COANDA"
AIR FORCE ACADEMY
BRASOV, 160 Mihai Viteazul Street, 500183
www.afahc.ro

"Henri Coanda"
AIR FORCE ACADEMY



ROMANIA

General
Milan Rastilav Stefanik
ARMED FORCES ACADEMY



SLOVAK REPUBLIC

AIRTEC



AFASES 2010

*THE 12th INTERNATIONAL CONFERENCE
OF SCIENTIFIC PAPERS
"SCIENTIFIC RESEARCH AND
EDUCATION IN THE
AIR FORCE"*



MAY 27 – 29, 2010
BRAŞOV