



Coanda Scientific Events [„Henri Coandă” Air Force Academy]

Col Prof Adrian Lesenciuc, PhD
Vice-Rector for Science



nanoschematic

QNA contains the scientific information that allows all students to follow the growth and development of nanotechnology. The focus is on the scientific and technical aspects of the field. It has been designed to be a useful reference for all those who are interested in the field. The book is divided into two main parts: the first part covers the basic principles of nanotechnology and the second part covers the applications of nanotechnology. The book is written in a clear and concise style and is suitable for use as a textbook or as a reference work. It is available in both print and electronic formats.



European Initiative for the Exchange of young officers inspired by Erasmus

EMILYO - Military Erasmus - Erasmus Militaire - The initiative



• AFASTUD

• AFASES, • RCIC

• MSMF



nanoschematic
 DNA contains the genetic information that allows all modern living things to function, grow and reproduce. However, it is unclear how long it took a billion years history of life. DNA has a well-known double helix structure. It has been proposed that the earliest forms of life may have used DNA as their genetic material. However, they may have used the earliest form of DNA, which is called RNA. RNA can both transmit genetic information and carry out catalytic reactions. Theoretically, RNA could have been the first molecule to perform both functions and generate the first cells. The origin of life is still a matter of debate, but the nanoschematic model may provide a new perspective on the evolution of the earliest forms of life.

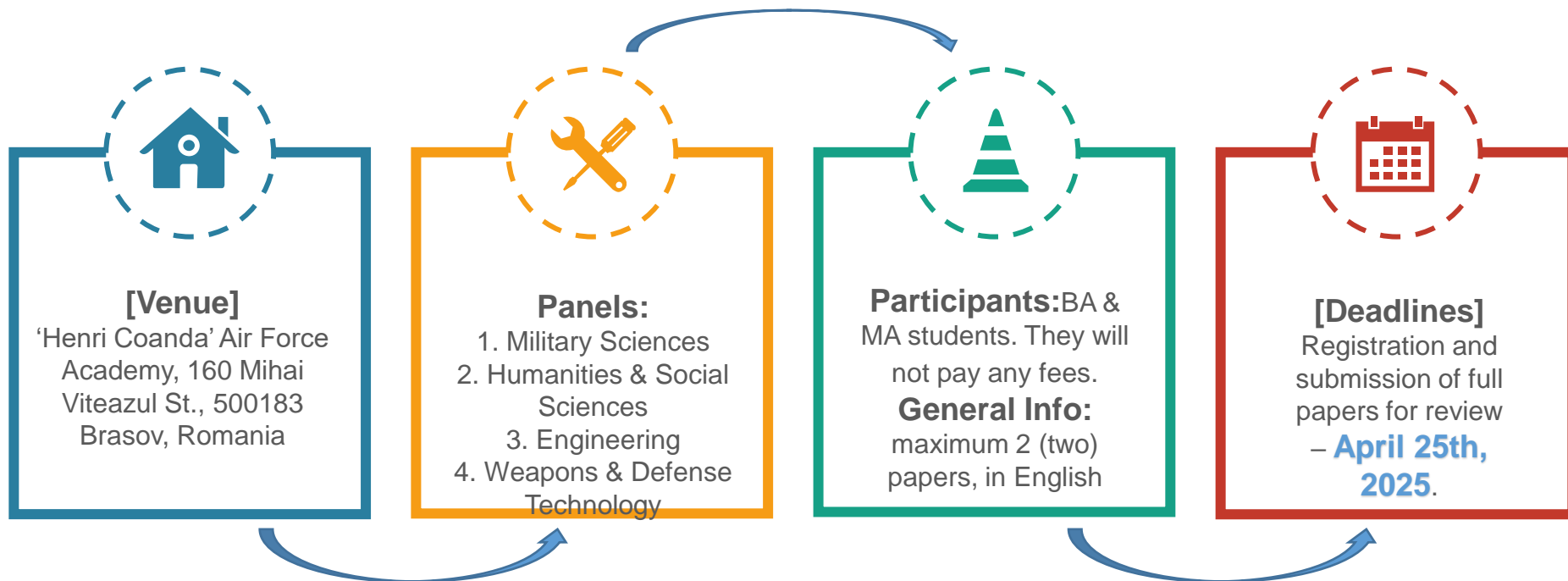
Coanda Scientific Events

- Student's International Conference **AFASTUD 2025** (26th Edition) *Communicating across Cultures* 21-23 May, 2025
- International Conference **AFASES 2025** (26th Edition) *Scientific Research and Education in the Air Force* 22-24 May, 2025
- International Conference *Redefining Community in Intercultural Context* **RCIC'25** (12th Edition) 22-24 May, 2025
- Military Student Multirotor Fest **MSMF 2025** (2nd Edition) 26-30 May, 2025



Students' International Conference [AFASTUD 2025]

21-23 May, 2025





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"HENRI COANDĂ" AIR FORCE ACADEMY
160 Mihai Viteazul St., 500183 Brasov, ROMANIA
Tel: +40 268 423 421
Email: secretariat@afahc.ro
http://www.afahc.ro



Coanda Scientific Events

Students' International Conference AFASTUD 2025 (26th Edition)

Communicating across Cultures

21-23 May, 2025

First Call

Conference main purpose: AFASTUD 2025 is organized to disseminate the students' academic research. It also aims at identifying the most appropriate ways to spread, promote and render the students' academic research results.

Event structure: AFASTUD 2025 will be structured in three parts: plenary opening; scientific papers presentations on panels; socializing events.

Proposed panels/ topics

- Military Sciences
- Humanities & Social Sciences
- Engineering
- Weapons & Defense Technology

Participants: The participants attending AFASTUD 2025 are BA & MA students. They will not pay any fees.

Venue: 'Henri Coanda' Air Force Academy, 160 Mihai Viteazul St., 500183 Brasov, Romania

Deadlines: Registration and submission of full papers for review – April 25th, 2025.

General Information: Each author has the right to submit maximum 2 (two) papers.

Papers will be written in English, based on template. All the scientific papers will be peer-reviewed by the members of the scientific committee. The best papers will be rewarded and published.

Access Conference web page at the following address:

<https://www.afahc.ro/ro/afastud2025.html>

For further information please contact the Conference secretariat:

Col. Dănuț Bălos, danut.balos@afahc.ro

WO Valentin Ilie, valentin.ilie@afahc.ro

Adina Dobritoiu, adina.dobritoiu@afahc.ro

Adrian Rotaru, adrian.rotaru@afahc.ro

<https://www.afahc.ro/ro/afastud2025.html>





International Conference *Scientific Reserach and Education in the Air Force [AFASES 2025]*

22-24 May, 2025





"HENRI COANDĂ" AIR FORCE ACADEMY
160 Mihai Viteazul St., 500183 Brasov, ROMANIA
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<http://www.afahc.ro>



Coanda Scientific Events

The 26th Edition of the International Conference AFASES, 2025

Scientific Research and
Education in the Air Force

22-24 May, 2025

First Call

Conference main purpose: AFASES is a scientific event of reference for the research in the Romanian Air Force, focused on military sciences domain. AFASES conference has reached its 26th edition. The conference is organized to disseminate the academic research of the participants and to identify the most appropriate ways to spread, promote and render the academic research results.

Event structure: AFASES 2025 will be structured in three parts: plenary opening; scientific papers presentations on panels; socializing events. AFASES 2025 program will be provided later.

Proposed panels/ topics

Military Sciences

Humanities & Social Sciences

Engineering

Aeronautical and Atmospheric Sciences

History of Military Science & Technology, section organized in partnership with the Division of History of Science, Romanian Committee for History and Philosophy of Science/ Romanian Academy

Participants: We welcome the participation of professors, researchers, PhD students and practitioners, from Romania and abroad.

Venue: 'Henri Coandă' Air Force Academy, 160 Mihai Viteazul St., 500183 Brasov, Romania

Deadlines:

Submission of papers for review – April 18th, 2025. All papers will be uploaded onto the platform of the conference webpage: <https://www.afahc.ro/ro/afases2025.html>

Notification of paper acceptance – May 9th, 2025.

Confirmation of payment fee – May 16th, 2025.

Submission of camera-ready papers – May 22nd, 2025

General Information:

The conference Proceedings is indexed in international databases. Each author has the right to submit maximum 2 (two) papers. Papers will be written in English, based on template. All the scientific papers will be peer-reviewed by the members of the scientific committee. The best papers will be rewarded and published.

For further information please contact the Conference secretariat:

Col. Dănuț Bălos, danut.balos@afahc.ro

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<https://www.afahc.ro/ro/afases2025.html>





International Conference *Redefining Community in Intercultural Context* [RCIC'25]

22-24 May, 2025

12th edition:

**Military Ethics
in the Age of
Hybridity**



Topics:

- Military Ethics in the Age of Hybridity (New);
 - Hybrid Threats (New);
 - Intercultural Communication
- Linguistics and Semiotics; Discourse Analysis;
- Media and Security.

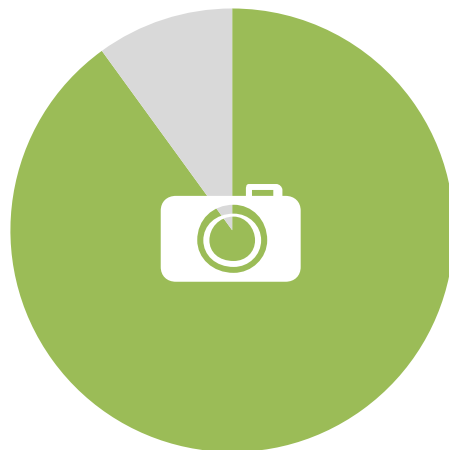
Deadlines:

extended deadline for IG members:

March 7th, 2025

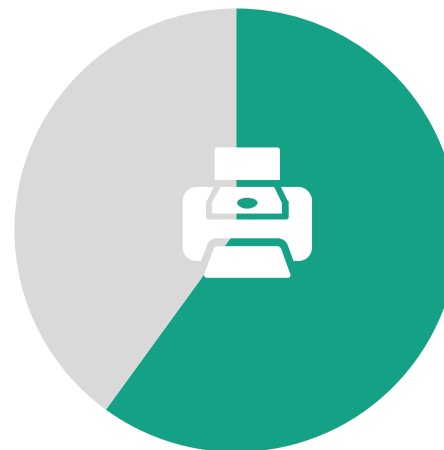
Conference Fee:

100 EUR



General info:

The present edition of *Redefining Community in Intercultural Context Conference* will focus mainly on the need for inclusive humanitarian education to develop societal resilience, under the special circumstances of hybridity.

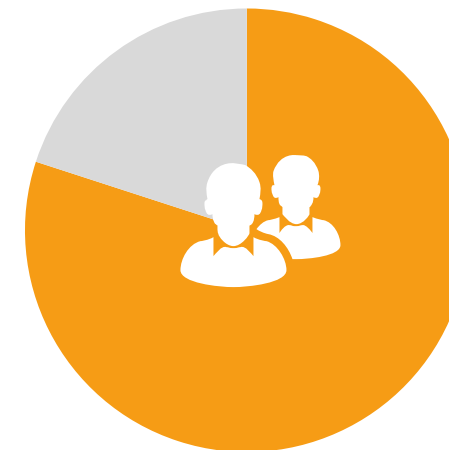


Participants:

professors, researchers, PhD students, MA students

Venue:

Henri Coandă Air Force Academy,
160 Mihai Viteazul st.





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HENRI COANDĂ AIR FORCE ACADEMY
BRASOV



FACULTY OF AIR SECURITY SYSTEMS
DEPARTMENT OF FUNDAMENTAL SCIENCES

HELLENIC AIR FORCE ACADEMY
ATHENS



DEPARTMENT OF LEADERSHIP-COMMAND,
HUMAN SCIENCES & PSYCHOLOGY
WAR GAMES LABORATORY

Coanda Scientific Events

12th INTERNATIONAL CONFERENCE



Redefining Community in
Intercultural Context RCIC'25

Military Ethics in the Age of Hybridity

FIRST CALL

BRASOV
22-24 MAY, 2025

<https://www.afahc.ro/ro/rcic.html>

12th International Conference Redefining Community in Intercultural Context RCIC'25



The present edition of *Redefining Community in Intercultural Context* Conference will focus mainly on the need for inclusive humanitarian education to develop societal resilience, under the special circumstances of hybridity. Ethics is more than a theoretical branch of philosophy or science. Ethics is a way of life and a way of defending human lives. Military ethics is a way of positive impacting in the ambiguity of confrontation. Understanding ethics can be achieved through inclusive education, both intercultural and security education.

Six previous editions of *Redefining Community in Intercultural Context* Conference Proceedings have already been included in Clarivate Analytics (former ISI - Thompson Reuters) databases, Conference Proceeding Citation Index, Social Science & Humanities.

Main goal. The main goal is an exchange of experience between professors, researchers and practitioners in the field of community dynamics, especially in the area of intercultural dialogue and military best practices. Moreover, we look forward to putting into practice the new ideas that will result from the cross-fertilization of teaching activities and scientific research. Our end-goal is to improve the quality of education and, consequently, of personal and intellectual development. Last but not least, we are eager to disseminate the results of our multicultural dialogue within the academic community and beyond it.

Participants. We welcome the participation of professors, researchers, PhD students, MA students.

Structure of event. RCIC'25 will consist of three main parts: plenary session; panels; socializing activities.

Venue. RCIC'25 will be held at the following venue: Henri Coandă Air Force Academy, 160 Mihai Viteazul st.,

Proposed topics:

- **Military Ethics in the Age of Hybridity (New);**
- **Hybrid Threats.** The best papers related to these two topics will be included in the first issue (2025) of *Hybrid. Journal of security studies*, edited by Henri Coandă Air Force Academy, as a part of LoD-21 Hybrid Threats, European Initiative for the exchange of young officers inspired by Erasmus, European Security and Defence College
- Intercultural Communication;
- Linguistics and Semiotics; Discourse Analysis;
- Media and Security.

Workshop: Ethics in Literature.

After having submitted the conference papers in advance, the topics will be discussed in panels. All new ideas arising from these discussions will subsequently be used as a starting point for future similar events.

Deadlines:

Submission of abstracts for review (extended for IG members): March 7th, 2025

- submission of camera-ready papers: April, 18th, 2025.

Paper:

Each author has the right to submit no more than two papers or a paper and a topic to be debated within the workshop. Each paper must be submitted in English. The proceedings will be published in the magazine with double-blind refereeing.

Conference fee: 100 €

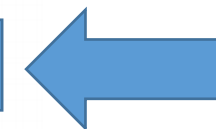
The fee will cover the printed proceedings/proceedings on CD, the cocktail, the coffee breaks, the official dinner and the socializing activities. Details regarding the registration fee/payment will be sent via e-mail to those whose articles have been accepted.

The conference program will be available on the conference website in due time.

Conference website: <https://www.afahc.ro/ro/rcic.html>

For further details please contact:
Adrian LESENCIUC
Ioanna LEKEA

a.lesenciuc@yahoo.fr; adrian.lesenciuc@afahc.ro
ioannalekea@gmail.com





Military Student Multicopter Fest [MSMF 2025]

26-30 May, 2025

2nd Edition
May 26th – 30th, 2025

Military Student Multicopter Fest

"HENRI COANDA" AIR FORCE ACADEMY

ASOCIATIA UVS ROMÂNIA
UNMANNED VEHICLE SYSTEMS

ASAFA
ASOCIAȚIA STUDENȚILOR
DIN ACADEMIA FORȚELOR AERIE

ASCEDU

CARFIL S.A.
Brasov - Romania



Competition tests:

- unmanned aerial systems (UAS)
 - military section
 - open section



Purpose:

MSMF is designed to harness the scientific research potential of students from military educational institutions in the field of unmanned aerial systems (UAS).



Venue:

'Henri Coanda' Air Force Academy, 160 Mihai Viteazul St., 500183 Brasov, Romania



Participants:

BA & MA students. They will not pay any fees

<https://www.afahc.ro/ro/msmf/msmforganizatori.html>



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Col Prof Adrian Lesenciuc. PhD
Vice-Rector for Science



nanoschematic

DNA contains the genetic information that allows all modern living things to function, grow and reproduce. However, it is unclear how long on this planet or in history the life DNA has maintained this complexity, as it has been proposed that the earliest forms of life may have used RNA as their genetic material. RNA can fold into complex shapes in the cellular fluid of living cells and, in some cases, it can both transmit genetic information and carry out catalytic activity. Therefore, the first genetic link would likely be RNA, and RNA would have been used for both catalysis and genetics. This may have allowed for the evolution of the genetic material into DNA and the emergence of life on Earth. The RNA world hypothesis is based on such an evolutionary pathway between a first form of life that could replicate and catalyze its own growth and the emergence of DNA. This hypothesis is supported by the fact that RNA is a common intermediate in the synthesis of DNA and protein.

