



PR

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MINISTERUL APĂRĂRII NAȚIONALE  
ACADEMIA FORȚELOR TERESTRE  
„NICOLAE BĂLCESCU“ SIBIU



UNIVERSITATEA BUCUREȘTI

*Domnului Rector prof.univ. dr. Mircea DUMITRU*

În numele Academiei Forțelor Terestre „Nicolae Bălcescu”, vă rog să-mi permiteți să vă adresez dumneavoastră și comunității academice din instituția pe care o reprezentați, invitația de a participa la evenimentele științifice internaționale pe care instituția noastră le va organiza în anul 2019:

- a XXIV-a *Sesiune de comunicări a cercurilor științifice studențești cu participare internațională „SECOSAFT 2019”* și cea de-a IV-a ediție a *Salonului Internațional al Inovării și Cercetării Științifice Studențești - „Cadet INOVA'19”*; cele două evenimente științifice studențești se vor desfășura în perioada 11-13.04.2019 și sunt incluse în calendarul manifestărilor organizate cu ocazia *Săptămânii internaționale a studenților Academiei Forțelor Terestre „Nicolae Bălcescu”*;

- a XXV-a *Conferință științifică internațională „THE KNOWLEDGE – BASED ORGANIZATION”*, în perioada 13-15.06.2019, manifestare științifică inclusă în cadrul evenimentelor prilejuite de *Săptămâna internațională a Academiei Forțelor Terestre „Nicolae Bălcescu”*.

Aceste evenimente oferă cadrelor didactice, cercetătorilor, specialiștilor, studenților și nu numai, prilejul de a disemina cunoașterea, de a contribui la deschiderea de noi parteneriate în cadrul programelor naționale și internaționale și de a aborda o gamă largă de problematici specifice domeniilor de interes.

Detalii privind organizarea acestor evenimente științifice sunt prezentate în invitațiile anexate, dar și pe site-ul instituției noastre ([www.armyacademy.ro](http://www.armyacademy.ro)).

În speranța că veți răspunde pozitiv la această invitație, am fi onorați să avem participanți din partea comunității universitare pe care o reprezentați la evenimentele organizate de către academie.

COMANDANTUL (RECTORUL)  
ACADEMIEI FORȚELOR TERESTRE „NICOLAE BĂLCESCU”

General de brigadă

  
prof.univ.dr.ing. Ghiță BÂRSAN



## REGISTRATION

- Registration, paper submission, participation and accommodation forms available at: <http://conference.armyacademy.ro>
  - An author can submit two papers at most; max. four co-authors per article
  - All accepted papers are published in the Conference Proceedings
- ## DEADLINES
- Abstract submission: *February 11, 2019*
  - Notification of abstract acceptance: *February 15, 2019*
  - Full paper submission: *March 18, 2019*
  - Notification of paper acceptance (final version): *April 19, 2019*
  - Final participation confirmation (including scanned receipt): *May 06, 2019*

## INFORMATION

For fees please access:

<http://conference.armyacademy.ro>

Conference participants will be offered:

- conference portfolios (including the conference proceedings and the conference programme)
- conference cocktail and official dinner
- accommodation within the available places in the Academy\*

\*For on-charge accommodation in other locations, please access the conference website

## ORGANIZING COMMITTEE

**CHAIRMAN:**  
Ioan VIRCA

### MEMBERS:

Dorel BADEA  
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Daniel SOLESCU  
Leontin STANCIU  
Alexandru STOIAN  
Cristian TEODORESCU

### THE TOPICS INCLUDE:

- Administration, Governance and Law
- Business and Economics
- Education and Social Sciences
- Global Security and Intelligence
- Military Sciences. Operational concepts
- Leadership in Multicultural Environment
- Technology and Engineering
- Cyber Operations and Critical Infrastructure Security
- Electromagnetic Compatibility and Biocompatibility
- Management and Sustainability

### CONTACT:

- ♦ [www.armyacademy.ro](http://www.armyacademy.ro)
- ♦ <http://conference.armyacademy.ro>
- ♦ RA Maria-Lucia RUSU, PhD
- ♦ Phone: +40269432990 ext. 1643

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ROMANIA

MINISTRY OF NATIONAL DEFENCE  
"NICOLAE BĂLCESCU"  
LAND FORCES ACADEMY

FIRST CALL FOR PAPERS



KNOWLEDGE BASED ORGANIZATION

The 25<sup>th</sup>

INTERNATIONAL SCIENTIFIC CONFERENCE



The conference is organised under the auspices of  
the Management Academic Society in Romania

June 13-15, 2019

SIBIU



With the desire to open up new collaborations and partnerships among students of higher education institutions, "Nicolae Bălcescu" Land Forces Academy has the pleasure to invite you to attend the *Twenty-four Student's International Conference, SECOSAFT 2019*, which will be held in Sibiu, during 11<sup>th</sup> - 13<sup>th</sup> of April 2019. *SECOSAFT* serves to foster communication among students involved



in a variety of scientific areas and sharing a common interest.

We thank all those who have contributed to the development of the students' creative potential in the field of sciences. We look forward to your participation in this year's event organized by our institution.

#### ORGANIZING COMMITTEE

##### HONORARY CHAIRMAN:

Ghiță BĂRSAN

##### CHAIRMAN:

Ioan VIRCA

##### MEMBERS:

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Cadet Izabela RACOVITĂ  
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Cadet Raluca POLEANSCHI

ROMANIA  
MINISTRY OF NATIONAL DEFENCE  
"NICOLAE BĂLCESCU"  
LAND FORCES ACADEMY



THE 24<sup>th</sup> STUDENT'S  
INTERNATIONAL CONFERENCE

# SECOSAFT 2019



April 11-13, 2019  
SIBIU

## PROGRAMME

### SECTIONS:

1. Military Sciences
2. Security and International Relations
3. Management and Economics
4. Humanities and Social Sciences
5. Law and Public Administration
6. Technical Sciences
7. Foreign Languages

Participants are invited to access and fill in the online registration form at:

[www.armyacademy.ro/conferinte/secosaf\\_2019/Form\\_registrati\\_eng.doc](http://www.armyacademy.ro/conferinte/secosaf_2019/Form_registrati_eng.doc)

### Presentation of papers:

- The presentations should be given in English.

### DEADLINES

- Registration forms and abstracts are to be submitted by *February 15, 2019*
- Extended papers (English or Romanian) by *March 01, 2019*
- Participation confirmation by *March 15, 2019*

### Information

- Military students:
  - accommodation – free of charge
  - meals – free of charge
- Civilian students:
  - accommodation – free of charge
  - meals – on charge
- Teaching staff:
  - accommodation – free of charge
  - meals - on charge

### 11 April:

15:00-20:00 – Registration

### 12 April:

07:30-08:10 – Breakfast  
08:20-08:40 – Military Ceremony  
08:40-09:00 – Official opening  
09:00-11:45 – Presentations  
11:45-12:15 – Break  
12:15-14:00 – Presentations  
14:00-15:00 – Lunch  
15:00-18:00 – Presentations  
18:00-19:00 – Awards' Ceremony  
19:00-20.00 – Official dinner  
20:00-02:00 – Leisure activities

### 13 April:

08:00-09:00 – Breakfast  
09:00-14:00 – Leisure activities  
14:00-15.00 – Lunch  
15:00 – Departure

W.O. Marius BĂRBAT

Tel.: 0040269/432990, int. 1643

*The "Nicolae Bălcescu" Land Forces Academy of Sibiu, Romania  
The "MG Nicolae USCOI" Corps of Cadets, Sibiu, Romania*



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*The "Nicolae Bălcescu" Land Forces Academy of Sibiu  
The "MG Nicolae USCOI" Corps of Cadets of Sibiu  
Address: Revoluției Street, no. 3-5, Sibiu, RO, Postal code 550170  
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*Web page: [www.cadetinova.ro](http://www.cadetinova.ro) & [www.armyacademy.ro](http://www.armyacademy.ro) (Cadet INOVA  
Exhibition 2019)*

*E-mail: [office@cadetinova.ro](mailto:office@cadetinova.ro)*

## **INVITATION**

*Dear President / Rector,*

*On behalf of the "Nicolae Bălcescu" Land Forces Academy of Sibiu and of the "MG Nicolae USCOI" Corps of Cadets of Sibiu, we are deeply honoured to invite the young researchers (students, Master's Degree students, PhD candidates, PhD degree holders and researchers not older than 35) of the institution that you represent to participate in:*

*The International Student Innovation and Scientific Research Exhibition*

*- "Cadet INOVA'19" -*

*The "Nicolae Bălcescu" Land Forces Academy of Sibiu*

*11 - 13 April 2019*

*The event is held under the High Patronage of the The Romanian Inventors Forum, Iași, Romania and being registered in the Registrar of Trademarks at The State Office for Inventions and Trademarks, Bucharest, Romania, with number M 143894. The "Cadet INOVA" International Exhibition has as a general objective the support of innovation and scientific research, at national and international level, in the vision of young researchers. The Cadet INOVA scientific event represents an opportunity for young researchers to present their research results and innovations as prototypes, maquettes, computerized presentations of techniques and procedures accompanied by posters and to enter scientific partnerships in order to identify technological, industrial and research niches, all these leading to an increase in the degree of awareness, at the level of society, of the importance of the contribution of the young researchers to technological development and added value.*

The "Nicolae Bălcescu" Land Forces Academy of Sibiu, Romania  
The "MG Nicolae USCOI" Corps of Cadets, Sibiu, Romania



The registration of the participants and the presentation of the results of the research within the showroom, depending on the capacity of the exposure location, are logistically and financially supported by the organizing institution with the help of the partners and sponsors of the event. **Indirect participation is not permitted.** **Young researchers** (students, Master's Degree students, PhD candidates, PhD degree holders and researchers not older than 35) are invited to exhibit and present their contributions, scientific innovations and applied research for the following courses of study: a. Environment and pollution control. Green energy, ecology, environmental monitoring and protection; b. Energy and non-conventional energy sources; c. Security, protection, rescue - antiterrorism, disasters and accidents; d. Land, sea and air transportation; e. Chemistry; f. Metallurgy and the science of materials; g. Aeronautics and safety of air navigation; h. Automobiles and road safety; i. Mechanics. Machine parts. Mechanisms. Materials; j. Electrotechnics, electronics and energetics; k. Radio communications; l. Robotics, roboethics; m. Photo-audio-video technologies; n. Information technology and computer science; o. Graphic art and architecture; p. Medicine and human factors. Pharmacy and cosmetics; q. Food bio-security; r. Biology, agronomy and horticulture; s. Sport, leisure, culture, teaching methods.

The research/innovations accepted and presented within the exhibition will be included in:

**The Official Catalogue of the "Cadet INOVA'19" Exhibition – Volume of Research and Innovations in the Vision of Young Researchers**, a catalogue that will appear, with the support of the Publishing House of the "Nicolae Bălcescu" Land Forces Academy, in **Special Issue of the Scientific Bulletin of the Land Forces Academy**, CNCS B+, indexed EBSCO, ProQuest, ISSN 2501-3157.

Details regarding the international exhibition will be available at:  
- site: [www.cadetinova.ro](http://www.cadetinova.ro) & [www.armyacademy.ro](http://www.armyacademy.ro) (Cadet INOVA Exhibition 2019); - e-mail address: [office@cadetinova.ro](mailto:office@cadetinova.ro); - tel: +40-269-432990/ext. 1217

Thank you!

Yours sincerely,

PRESIDENT OF THE "CADET INOVA" EXHIBITION  
Inventor Assoc. Prof. Eng. Dipl. Silviu-Mihai PETRIȘOR, PHD  
Innovation Ambassador in Romania, Professor Bologna