

PERSONAL INFORMATION

Mircea Boscoianu



boscoianu.mircea@incas.ro

Date of birth

Nationality Romanian

WORK EXPERIENCE

October 2019- present

Senior Researcher 1

INCAS - National Institute for Aerospace Research "Elie Carafoli"

220 Iuliu Maniu Blvd, District 6

Bucharest – ROMANIA

Tel.: (+40-21) 434 00 83; Fax: (+40-21) 434 00 82

www.incas.ro

Management Research and Development Projects and Programs; Management of Innovation.

September 2019- present

Business or sector: Aerospace Research

Full Professor

Transilvania University of Brasov

29 Eroilor Blvd, Braşov 500036

<https://www.unitbv.ro/>

Courses in higher education; PhD. Advisor in the Multidisciplinary Doctoral School.

June 2009 – September 2019

Business or sector: Higher education

Prof PhD Advisor;

Vice Dean of the Faculty of Aeronautical Management (2018- 2019);

Vice Rector for R&D (2009- 2012; 2017- 2018);

Head of Department Managerial Sciences (2012- 2013)

Air Force Academy „Henri Coanda” of Brasov

160 Mihai Viteazul Street, Brasov, Romania, 500183

Phone +400268423421, Fax: +400268422004

www.afahc.ro

Academic education - Management of aviation systems;

Management of performances;

Strategic management in aviation;

Risk and safety management;

Extreme risk management

July 1991- June 2009

Business or sector: Higher Education

Asist Prof, Senior Lecturer, Assoc Prof (1991-2009)

Military Technical Academy „Ferdinand I” of Bucharest

39-49 George Cosbuc Blvd, Bucharest 050141

+4021 335 4660

<https://mta.ro/>

Academic education- Management of aviation systems;
Theory of Propulsion Systems Engines;
Aerodynamics;
Flight mechanics;

January 1991- July 1991

Business or sector Academic education and R&D/ Department of Aviation Systems and Mechatronics

Head of Military Representative

SC Avioane SA Craiova

10 Aviatorilor Street, Craiova, Romania, 207280

+4051402000

www.acv.ro

Management/ supervisor aircraft

July 1990- January 1991

Business or sector Military Representative Headquarters

Head of department

Repairment Aviation Base Craiova

10 Aviatorilor Street Craiova, Romania, 207280

Management of aircraft maintenance

Business or sector Aircraft Maintenance

EDUCATION AND TRAINING

2000-2003

Doctor in Cybernetics and Statistics

EQF 8

BUCHAREST UNIVERSITY OF ECONOMIC STUDIES

Faculty of Cybernetics, Statistics and Informatics

Piața Romană 6, Bucharest, 010374, Romania

+4021 319 1900

<https://www.ase.ro/>

Cybernetics; Statistics;

1993-2000

Doctor in aerospace engineering

EQF 8

Military Technical Academy „Ferdinand I” of Bucharest

39-49 George Cosbuc Blvd, Bucharest 050141, Romania

+4021 335 4660

<https://mta.ro/>

Aerospace Engineering

1997-1998

Master of Science

EQF 7

ECOLE NATIONALE SUPERIEURE DE MECANIQUE ET D'AEROTECHNIQUE

Téléport 2, 1 Avenue Clément Ader, 86360 Chasseneuil-du-Poitou,

France

+33 5 49 49 80 80

<https://www.ensma.fr/en/>

Aerodynamics and fluid mechanics

1990-1996

Economical analyst (Academic license and master of science)

EQF 7

BUCHAREST UNIVERSITY OF ECONOMIC STUDIES

Faculty of Cybernetics, Statistics and Informatics

Piața Romană 6, Bucharest, 010374, Romania

+4021 319 1900

<https://www.ase.ro/>

1984-1990 **Cybernetics**
Aerospace engineer (Academic license+master of science)
 Military Technical Academy „Ferdinand I” of Bucharest
 39-49 George Cosbuc Blvd, Bucharest 050141, Romania
 +4021 335 4660
<https://mta.ro/>
 Aircraft and Propulsion Systems

EQF 7

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|--|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| Replace with name of language certificate. Enter level if known. | | | | | |
| Franch | C1 | C1 | C1 | C1 | C1 |
| Replace with name of language certificate. Enter level if known. | | | | | |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills good communication skills gained through my experience as University Professor, PhD Advisor.

Organisational / managerial skills

- experience in the management of complex socio- technical systems, in the management of higher education
- experience in the management of R&D projects with multiple teams (project manager and vice-rector for R&D)
- Valuation of R&D Projects
- PhD Advisor 2010- at Transilvania University of Brasov (10 doctors in Engineering Management and 8 PhD Students)

Job-related skills

- knowledge for analysis, design, fabrication, testing of micro and mini RPAS;
- knowledge in strategic management, risk management and project management, crisis management operations, disaster resilience,
- knowledge in Aerospace engineering
- Environment, resources and sustainability

Digital skills

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Driving licence B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References
Citations
Courses
Certifications

20 books (5- international), 200 scientific articles/ 80 ISI/ WoS (11 ISI Journal with Impact Factor).
H- INDEX= 11; i10 INDEX= 13; citations = 507.

Project manager in 8 R&D projects (in competitions PN III, PN II, PN I, CEEEX):

- MULTIMOND2- Platform of multiagent aerial platforms for monitoring the quality of water on the Romanian sector of Danube and Delta 2017-2020 (two component projects)
- MAPIAM- Modular Aerial Platform for Intelligent Atmosher Monitoring 2016- 2018
- Mmulti agent aerial system with mobile ground control station for the management of information MASIM, PN II, 2013-2016 (director);
- Integrated System for traffic monitoring with aerial robots systems SIMPAR, PN I, 2007-2010 (director);
- Integrated System of aerial platforms for CBRN, acronim NIMBUS, CEEEX- Securitate, Contract SP5 / 30R, 2005- 2006 (director);
- Aerial microRPAS with vertical take off and hybrid propulsion for monitoring dangerous zones CUMULUS-2, CEEEX 2005, 2005-2007(director) ;
- Optimal strategies for integration and expansion of multinational companies in the context of Romanian accession toward European Union. The efficiency of technological transfer by FDI, Grant Comision 3 Project A, 2004-2006 (director).