

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Nicu BIZON

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POLITEHNICA Bucharest
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Nationality Romanian

Date of birth 14.02.1961

Gender M

Desired employment / Occupational field

Electronics Engineering

Work experience

Dates	2012 – 2016, 2020 – 2024, 2024 - 2028
Occupation or position held	member in the Commission of Electronics and Telecommunications of the National Council for the Recognition of Degrees, Diplomas and Certificates
Main activities and responsibilities	Evaluation
Name and address of employer	Ministry of Education and Research, Romania
Dates	2012 – 2013
Occupation or position held	Chair with Technical Activities
Main activities and responsibilities	Management of Technical Activities of IEEE Romania Section
Name and address of employer	IEEE Romania Section
Dates	2012 – present
Occupation or position held	PhD Advisor
Main activities and responsibilities	Evaluation / research / management
Name and address of employer	POLITEHNICA University of Bucharest, Doctoral School, SD-ETTI (O-MEC 5268 / 5.9.2011)
Dates	2012 – 2016 and 2016 - 2017
Occupation or position held	Dean of the Faculty of Electronics, Communication and Computers
Main activities and responsibilities	Administration and Educational Management
Name and address of employer	UNIVERSITY OF PITEȘTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	2008 – 2011
Occupation or position held	Associate head of Electronics and Computers department
Main activities and responsibilities	Administration and Educational Management
Name and address of employer	UNIVERSITY OF PITEȘTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania

Dates	2008 – 2012
Occupation or position held	Executive manager of research centre: Modelling and Simulation of Processes and Systems
Main activities and responsibilities	Research Management
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	2000 – 2004
Occupation or position held	Manager of research department of University of Pitesti
Main activities and responsibilities	Administration and Research Management
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	2000 – 2004
Occupation or position held	General manager of "Muntenia" Training Center
Main activities and responsibilities	Administration and Educational Management
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	2000 – present
Occupation or position held	professor
Main activities and responsibilities	Research and education
Name and address of employer	UNIVERSITY OF PITESTI named from October 1, 2023, as PITEȘTI UNIVERSITY CENTRE, part of The National University of Science and Technology POLITEHNICA Bucharest 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	1999 - 2000
Occupation or position held	General manager of Institution Building Project: Organizations – Companies – Universities relations Centre
Main activities and responsibilities	Administration and Educational Management
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	1998-1999
Occupation or position held	Executive Manager of the Center for Scientific Excellence "Automotive Engineering"
Main activities and responsibilities	Research Management
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti Str. Targu din Vale, nr.1, Arges, Romania
Dates	1998-present
Occupation or position held	Head of research team "Applied Electronics and Computer Science" from the Department of Electronics and Computer
Main activities and responsibilities	Research
Name and address of employer	UNIVERSITY OF PITESTI named from October 1, 2023, as PITEȘTI UNIVERSITY CENTRE, part of The National University of Science and Technology POLITEHNICA Bucharest 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	1997 – 2000
Occupation or position held	Associate professor
Main activities and responsibilities	Research and education
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania
Dates	1992 - 1997
Occupation or position held	Lecturer
Main activities and responsibilities	Research and education
Name and address of employer	UNIVERSITY OF PITESTI 110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania

Dates 1989-1992
Occupation or position held Assistant professor
Main activities and responsibilities Research and education
Name and address of employer UNIVERSITY OF PITESTI
110040 Pitesti, Str. Targu din Vale, nr.1, Arges, Romania

Dates 1986 - 1989
Occupation or position held engineer
Main activities and responsibilities Research and maintenance
Name and address of employer Automobile Dacia Renault

Education and training

Dates September 15, 1992 – July 30, 1996
Title of qualification awarded PhD
Principal subjects / occupational skills covered Engineering / Automatic Systems
Name and type of organisation providing education and training Polytechnic University of Bucharest, Faculty of Electronics, Communication and IT

Dates October 01, 1981 – October,30, 1986
Title of qualification awarded Bachelor of Science
Principal subjects / occupational skills covered Engineering / Electronics, Communication
Name and type of organisation providing education and training Polytechnic University of Bucharest, Faculty of Electronics, Communication and IT

Dates September 15, 1976 – July 15, 1980
Title of qualification awarded Lyceum diploma
Name and type of organisation providing education and training Dinicu Golescu Lyceum

Dates September 2-5, 2007
Title of qualification awarded professional certificate
Principal subjects / occupational skills covered Power Electronics and Control for Renewable Energy Systems
Name and type of organisation providing education and training University of Aalborg, Danemarca

Dates October 16-18, 2004
Title of qualification awarded professional certificate
Principal subjects / occupational skills covered World Affairs / marketing and entrepreneurial
Name and type of organisation providing education and training Junior Achievement Romania

Dates May 13-14, 2001
Title of qualification awarded professional certificate
Principal subjects / occupational skills covered Development and learning in the enterprise
Name and type of organisation providing education and training CESI France

Dates June 6-11, 2001

Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Economic performance and management mechanisms
Name and type of organisation providing education and training	CESI France
Dates	August 1-30, 2001
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Intensive English course
Name and type of organisation providing education and training	Odense Technical College
Dates	August 5-25, 2001
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Training of trainers in ICT
Name and type of organisation providing education and training	Odense Technical College
Dates	12 to 14 July 2001
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Continue training evaluation techniques
Name and type of organisation providing education and training	Academy of Lille, Greta Cambresis, France
Dates	5 to 11 June 2000 and 5 to 11 February 2001
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	European Management
Name and type of organisation providing education and training	TRC - Patras University and CESI / Paris - Ile de France, respectively
Dates	March 27-April 1, 2000, April 17-21, 2000, and July 2-6, 2001:
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Information and Communication Technology
Name and type of organisation providing education and training	Loom - Consultation's Information Service - Lisbon, Leeds Metropolitan University and the Loom - Consultation's Information Service - Lisbon, respectively
Dates	13 to 17 June 2000, 25 to 29 October 2000, and 21 to 26 May 2001
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Languages of the European Communities
Name and type of organisation providing education and training	Odense Technical College, Denmark, "Mountaigne IUT Michel de Bordeaux 3 University and "Nice Sophia Antipolis" University, France, respectively
Dates	March 6 to 12, and 13 to 19 September, 2000
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	European Common Law, trainer from
Name and type of organisation providing education and training	Univ. Polytechnic of Catalunya
Dates	10 to 14 July 1999
Title of qualification awarded	professional certificate
Principal subjects / occupational skills covered	Training Evaluation / Evaluation of continuous training

Name and type of organisation providing education and training | National School of Arts and Industry of Strasbourg

Dates | 4 to 10 June 1998

Title of qualification awarded | professional certificate

Principal subjects / occupational skills covered | Magnetic materials and superconducting materials - trainer from

Name and type of organisation providing education and training | Institute of Materials Science, Barcelona

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
Italian	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
French	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences | I'm a sociable, communicative, reliable, conscientious, responsible and very creative person

Computer skills and competences | ECDL professional certificate / Matlab, Spice, Labview

Other skills and competences | Chief Editor - *Journal of Electrical Engineering, Electronics, Control and Computer Science -JEEECCS* ;
 Chief Editor - *International Journal on "Technical and Physical Problems of Engineering"(IJTPE)*
 Associate Editor - *Heliyon*, Elsevier;
 Associate Editor - *Scientific journal of the University of Pitesti "Electronics and Computer Science"*;
 General chair - Conference "*Electronics, Computers and Artificial Intelligence - ECAP*"

Driving licence(s) | B category

Annexes | List of the published papers is available on:
Profile addresses from WoS, Scopus Author ID, ORCID, Researcher ID and Google Scholar:

- <https://www.webofscience.com/wos/author/record/445647>
 - <http://www.scopus.com/authid/detail.url?origin=AuthorProfile&authorId=22936824500>
 - <http://orcid.org/0000-0001-9311-7598>
 - www.researcherid.com/rid/B-8523-2011
 - https://www.researchgate.net/profile/Nicu_Bizon
 - <http://scholar.google.com/citations?user=owM5oXoAAAAJ&hl=en>
 - www.brainmap.ro: U-1700-039B-5289 <https://www.brainmap.ro/bizon-nicu>
- and official website of the National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre: :
- <https://www.upit.ro/ro/academia-reorganizata/facultatea-de-electronica-comunicatii-si-calculatoare-2/departamentul-de-electronica-calculatoare-si-inginerie-electrica-decie/despre-decie/membrii-departamentului>
- Academic recognition (see below)

Academic recognition

1. The “Tudor Tanasescu” Award of the Romanian Academy for 2013.

<http://www.academiaromana.ro/premiileAR/liste/2013.pdf>

2. The “Spiru Haret Award” of MLNR and the Romanian Academy for 2016

https://www.mcid.gov.ro/wp-content/uploads/2024/02/20240211_Bizon_Nicu.pdf

3. member of the Romanian Committee for the History and Philosophy of Science and Technology (CRIFT), Romanian Academy, Pitesti branch, since 2010: <http://www.acad.ro/crifst/crifst.htm>

4. Professional recognition from IEEE: Senior member, 2016

5. Member in Editorial Board for:

IET Renewable Power Generation (RPG) Journal (2020-present, Indexed in WoS, Impact Factor (IF) 2022) =

2.6, <https://digital-library.theiet.org/journals/iet-rpg/editorial-board>),

Energies Journal (2018-2022, Indexed in WoS, Q3, IF 2024 = 3.2

<https://www.mdpi.com/journal/energies/editors>)

Mathematics Journal (2020-2024), Indexed in WoS, Q1, IF 2024 = 2.4

<https://www.mdpi.com/journal/mathematics/editors>)

Sustainability Journal (2020-present), Indexed in WoS, Q2, IF 2022 = 3.3,

<https://www.mdpi.com/journal/sustainability/editors>)

Electronics Journal (2018-2020), Indexed in WoS, Q2, IF 2024 = 2.6

<https://www.mdpi.com/journal/electronics/editors>)

Journal of Low Power Electronics and Applications (2020-2022), Indexed in WoS, Q3, IF 2022 = 1.8

<https://www.mdpi.com/journal/jlpea/editors>)

Journal of Energy Systems (2020-present), Indexed in WoS, Q3, IF 2022 = 1.9

<https://dergipark.org.tr/en/pub/jes/board>)

Journal of Operation and Automation in Power Engineering (2022-present; Indexed in Scopus, CiteScore 2024

= 3.6 <http://joape.uma.ac.ir/journal/editorial.board>)

International Journal on Technical and Physical Problems of Engineering (2018-present), Indexed in Scopus,

CiteScore 2024 = 1.9 <http://www.iotpe.com/IJTPE/EditorialBoard.html>)

Journal of Energy Management and Technology (2022-present), <http://www.jemat.org/journal/editorial.board>)

6. Editor-in-Chief for:

JEECCS Journal <http://jeeccs.net/index.php/journal/about/editorialTeam>

IJTPE Journal <http://www.iotpe.com/IJTPE/EditorialBoard.html> ;

7. Associate Editor for:

Heliyon, Elsevier (2016-2018); <https://www.cell.com/heliyon/editors>

Scientific Bulletin Electronics and Computer Science (2016-present), University of Pitesti,

<https://bulletin.feccupit.ro/edteam.html>

8. Chair of International conference ECAI (IEEEEXplore & Scopus indexed), all editions, <http://ecai.ro/>;

9. Membership in the steering and / or technical program committee (TPC) for several conferences:

10. Evaluator for EU Research Projects - FP7 Program, EVAL-INCO Program, EACI Program etc. Peer-review activity for international programs/projects:

a) For EU Research competitions:

- FP7 Programme (starting with 2010)

- EVAL-INCO Programme (starting with 2010)

- EACI Programme (starting with 2010)

- Horizon Europe Call (starting with 2020): HORIZON-CL5-2025-04 EU etc. (expert ID: EX2006C179866)

b) For regional and national competitions:

Fund for Scientific Research – FNRS (Belgium): 12 projects
National Strategic Reference Framework - NSRF (Greece) 2007-2013; 2 projects
ERANETMED Call for EU Member States, Associated Countries and Mediterranean Partner Countries (starting with 2014): Renewable Energies, Water Resources And Energy-Water-Nexus (JC-Energy-2014 – 3 projects)
ERA.Net RUSSIAN Plus (starting with 2014): Innovation (2014- 1 project)
Estonian Research Council; POST-DOCTORAL GRANT PROPOSAL; 1 project (2015); 1 project (2016)
NEWFELPRO (Croatia) 2013-2017: 1 project (2012); 3 projects (2014)
The Estonian Research Council (starting with 2016)
UEFISCDI - PN II Programme – Ideas (Romania) 2007-2013: 1 project
UEFISCDI - PN II Programme – Partnership (Romania) 2007-2013: 24 projects
UEFISCDI-TE2017: 3 projects
UEFISCDI - PN-III-P3-3.1-PM-RO-CN-2018: 8 projects
UEFISCDI -PMROC2018: 1 project
MCI, Romania – “Nucleu” projects: 22 projects
PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE – Italia, Ministero dell'Istruzione dell'Università e della Ricerca: 1 project
11. 21 invited presentations at international conferences.
12. Awarded product by UEFISCDI: Integrated PEMFC 2kW - photovoltaic electrolyser, authors: M. Culcer (ICSI-Rm. Valcea), N. Bizon (UPIT) and all, research project CEEX 226, 2011.
13. Awarded papers:
2015, 3rd prize, International Telecommunications Energy Conference – INTELEC 2017, <http://www.intelec2015.org/>
2016, 1st prize, European Conference on Renewable Energy Systems - ECRES, <http://www.ewres.info/files/PROGRAMME.pdf>
14. Excellence in Research Award from the JECRC University, Jaipur, India, 2020.

Scientometric indicators:

Web of Science: Hirsch index = 36 and the total number of citations = 2706 (without self-citations);
Scopus: h- index = 41 and the total number of citations = 5585 (without self-citations);
Google Scholar: Hirsch index = 49 and the total number of citations = 7821.

Research projects: 3 international project (PI- principal investigator), 5 national projects (PI and project's responsible of UPB-CUP & ICSI team) and 9 national projects (member in project team)

Date 29.10.2025

prof. dr. ing. Nicu Bizon