

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) Nicu BIZON  
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 E-mail(s) [nicubizon@yahoo.com](mailto:nicubizon@yahoo.com), [nicu.bizon@upit.ro](mailto:nicu.bizon@upit.ro)  
 Nationality Romanian  
 Date of birth  
 Gender M

### Desired employment / Occupational field

**Electronics Engineering**

### Work experience

Dates	2012 – 2016
Occupation or position held	member in the Commission of Electronics, Telecommunications and Nanotechnology 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
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 PITESTI 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 PITESTI 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 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 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, 1980 – October,30, 1985  
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			
<b>English</b>	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
<b>Italian</b>	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
<b>French</b>	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 -JEECCS* ;  
 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 papers are available on:

<http://scholar.google.com/citations?user=owM5oXoAAAAJ&hl=en>

[www.researcherid.com/rid/B-8523-2011](http://www.researcherid.com/rid/B-8523-2011)

<http://orcid.org/0000-0001-9311-7598>

<http://www.scopus.com/authid/detail.url?origin=AuthorProfile&authorId=22936824500>

[https://www.researchgate.net/profile/Nicu\\_Bizon](https://www.researchgate.net/profile/Nicu_Bizon)

[http://apps.webofknowledge.com.am.e-information.ro/Search.do?product=WOS&SID=E4DVFFGxm8mSaKRpECf&search\\_mode=GeneralSearch&prID=f4ecb372-c2e1-4053-80df-17ed9e388211](http://apps.webofknowledge.com.am.e-information.ro/Search.do?product=WOS&SID=E4DVFFGxm8mSaKRpECf&search_mode=GeneralSearch&prID=f4ecb372-c2e1-4053-80df-17ed9e388211)

<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. Awards

"Tudor Tanasescu" award of the Romanian Academy for 2013 (the award is given only once in life):

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

„Spiru Haret award of the MLNR and the Romanian Academy for 2016 (the award is given only once in life):

<http://www.tvrplus.ro/emisiune-gala-premiilor-marii-loji-nationale-din-romania-5051>

UEFISCDI award: Awarded product: Integrated PEMFC 2kW - photovoltaic electrolyser, authors: M. Culcer (ICSI-Rm. Valcea), N. Bizon (UPIT) and all, research project CEEX 226, beneficiary ICSI Rm. Valcea, 2011.

Outstanding Paper Award, 2015, 3rd prize, International Telecommunications Energy Conference – INTELEC 2017, <http://www.intelec2015.org/>

Outstanding Paper Award, 1st prize, European Conference on Renewable Energy Systems - ECRES 2016, <http://www.ewres.info/files/PROGRAMME.pdf>

2. Member of the Romanian History and Philosophy of Science and Technology (CRIFT), Romanian Academy, Pitesti branch, 2010-present : <http://www.acad.ro/crifst/crifst.htm>

3. Professional recognition from IEEE - Institute of Electrical and Electronics Engineers

- IEEE Romania Section diploma for outstanding achievements in fulfilling the goals of the IEEE, 2011;
- Member of the executive board of IEEE Romania section, chair with technical activities, 2014.
- Senior Member, 2016

### 4. Editor

- Chief Editor of the Journal of Electrical Engineering, Electronics, Computer Science and Control –JEECCS:

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

- Chief Editor of the International Journal on "Technical and Physical Problems of Engineering" (IJTPE) :

<http://www.ijtp.com/IJTPE/EditorialBoard.html>

- Associate Editor for Heliyon, Elsevier: <http://www.heliyon.com/editorial-team/board/>

- Chief Editor and chair of the Conference "Electronics, Computers and Artificial Intelligence - ECAI" (this conference was technically supported by the IEEE IAS starting with 2013), 2002- present: <http://ecai.ro/>

### 5. Evaluator / Reviewers:

- For EU Research Projects under FP7 Programme, EVAL-INCO Programme, EACI Programme, etc.
- For regional competitions: ERANETMED Renewable Energies, ERA.Net RUSSIAN Plus
- For national competitions: 2007-13 NSRF (Greece), NEWFELPRO 2013-17 (Croatia) The Estonian Research Council, CNCSIS Ideas and ANCS PN II Programme (Romania).
- For recognized WoS journals (IEEE Transactions on Power Electronics, IEEE Transactions on Industrial Electronics, IEEE Transactions on Energy Conversion, IEEE Transactions on Industrial Informatics, IET Renewable Power Generation, IEEE Transactions of Control Systems Technology and so on) some certificates recognizing this activity are available on:

<https://www.reviewerrecognition.elsevier.com/recognition/index?key=A002F298890F30D8760D7073A6B6DB1C7C68B9ED1BEC774A>

### 6. Keynote presentations:

Nicu Bizon, Efficient Energy Management Strategies for the Hybrid Power Systems based on Fuel Cell and the Renewable Energy Sources, Keynote lecture in session 3: 2nd Renewable Energy Sources - Research and Business (RESRB-2017), June 19-21 2017, Wrocław, Poland  
[https://works.bepress.com/wojciech\\_budzianowski/46/download/](https://works.bepress.com/wojciech_budzianowski/46/download/)





Nicu Bizon, Energy Efficiency of Hybrid Power Sources  
ICA ECS 2016 <http://icaecs.org/speakers.html>

Nicu Bizon, M. Oproescu, G.R. Sisman, PREDICTIVE MAINTENANCE PRIORITIZATION USING FUZZY GRAPHS  
ICTPE 2016 <http://www.iotpe.com/ictpe-past.html>

Nicu Bizon, Ways to increase the Energy Efficiency of Hybrid Power Sources based on efficient Energy Management of the Fuel Cell and the Renewable Energy Sources  
ECRES 2016 <http://www.ewres.info/2016/>

S.D. Mirel, N. Bizon. Preliminary tests based on fuzzy intelligence on a system of non-destructive examination  
ICTPE 2015 <http://www.iotpe.com/ictpe-past.html>

Nicu Bizon, Fuel Cell Hybrid Power Sources - Mitigation techniques of the fuel cell current ripple, 30 years anniversary symposium of the Institute of Computer Science of the Romanian Academy (Iasi Branch), June, 20-21, 2014, Iasi, Romania  
[http://iit.academiaromana-is.ro/iit\\_30aniv.html](http://iit.academiaromana-is.ro/iit_30aniv.html)

Nicu Bizon, Extremum Seeking Control Applied to Different Renewable Energy Sources, 3rd International Conference on Energy and Environment Technologies and Equipment (EEETE '14), Brasov, Romania, June 26-28, 2014 <http://www.wseas.org/cms.action?id=7496>

On the search speed for the extremum seeking control scheme based on band pass filter, 9th International Conference on Technical and Physical Problems of Electrical Engineering (ICTPE-2013), 9-11 September 2013, Istanbul, Turkey  
<http://www.iotpe.com/ICTPE/ICTPE-2013/ConferenceProgram.html>

Nicu Bizon, Fuzzy Interpolation and Filtering Techniques for Signals pre-Processing, 6th International Conference on Intelligent Computing and Information Systems ICICIS'13, 14-16 December, 2013, Cairo, Egypt  
<http://net2.shams.edu.eg/icicis/2013/>

Nicu Bizon Fuel Cell Hybrid Power Source, World Congress on Sustainable Technologies (WCST-2012), <http://www.wcst.org/Home.html>

Nicu Bizon, Hybrid Power Source for Vehicle Applications - Operating at Maximum Power Point of Fuel Cell Stack, Int. Conf. on Applied Electronics 2010 - APPEL'10, ISSN: 1803-7232, ISBN: 978-1-4244-6818-8, pp. 3-10, INSPEC: 11579461,  
[http://ieeexplore.ieee.org/xpl/freeabs\\_all.jsp?arnumber=5599557](http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5599557)

Nicu Bizon, Active Filtering Techniques for Fuel Cell Stack Current Ripple, Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'09, No.1, pp. 33-43, ISSN 1843-2115, July 3-5, 2009, [www.ecai.upit.ro](http://www.ecai.upit.ro)

Nicu Bizon, Use of fuzzy graphs for criteria evaluation, The Fifth Multi-Conference on Systemics, Cybernetics and Informatics - SCI2001, Vol. XIX - Cybernetics and Informatics: Concepts and Applications (part III), ISBN 980-07-7559-5, pp. 119-123, Orlando, Florida, USA, July 22 - 25, 2001

#### 7. Memberships to the Editorials Boards of International Journals

- Electrical Power Manag. and Distribution, 1758-6410, <http://www.power.meditjournal.com/>
- Renewable Energy, 1758-6402, <http://www.renenergy.meditjournal.com/>
- Int. J. on Technical and Physical Problems of Eng. (IJTPE), 2077-3528, [www.iotpe.com](http://www.iotpe.com)
- University of Pitesti Scientific Bulletin, Series: Electronics and Computer Science, 1453-1119,
- The Sci. Bulletin of Electrical Eng. Faculty - Valahia University, 1843-6188, <http://www.buletinfie.ro>

#### 8. Chair of International conferences

- General chair and proceedings editor of the Int. Conf. on Electronics, Computers and Artificial Intelligence - ECAI, all editions: [www.ecai.upit.ro](http://www.ecai.upit.ro).
- Chair of the World Congress on Sustainable Technologies (WCST-2012): <http://www.wcst.org/>



- Chair of the International Conference on "Technical and Physical Problems of Power Engineering" (ICTPE 2014) [www.ictpe.com](http://www.ictpe.com)

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

- Int Conf on Ind El, Mechatronics, Automation, Computer Syst and Informatics – IMACSI, from 2015
- Int. Conf. on Intelligent Autonomous Agents, Networks and Systems (INAGENTSYS 2014), from 2014
- International Conference on Education (ICOED), from 2013
- IEEE International Conference on Engineering Education - ICEED), from 2013
- IEEE Conference on Clean Energy and Technology (CEAT), from 2013
- Instrumentation, Control and Automation (ICA), from 2013
- IEEE Conference on Control, Systems & Industrial Informatics - ICCSII 2013, from 2013
- IEEE Conference on Clean Energy and Technology, from 2013
- Int. Conf. on Robotics, Biomimetics, Intelligent Computational Systems–ROBINETICS, from 2013
- Int. Conf. on Tech., Informatics, Management, Engineering & Environment (TIME-E 2013), from 2013
- International Conference on ITS Telecommunications (ITST 2012), from 2012
- Int. Symp. on Communication Systems, Networks & Digital Signal Processing (CSNDSP), from 2012
- International Conference on Connected Vehicles & Expo (ICCVE 2012), from 2012
- IEEE Symposium on Industrial Electronics & Applications (ISIEA 2012), from 2012
- IEEE International Conference on Power and Energy (PECON 2012), from 2012
- Int Conf on Intelligent Transportation Systems Telecommunications (ITST-2013), from 2012
- INIMIC 2011, from 2011, <http://www.inmic2011.org>
- International IEEE Conference on Intelligent Systems Design and Applications - ISDA, technically Co-Sponsored by IEEE Computer Society, from 2010, <http://cig.iet.unipi.it/isda2010/>
- International IEEE Conference on Information Society (i-Society 2010), Technically Co-Sponsored by IEEE UK/RI Computer Chapter, from 2010, [www.i-society.eu](http://www.i-society.eu)
- International IEEE Conference for Internet Technology and Secured Transactions – ICITST, Technically Co-Sponsored by IEEE UK, from 2009, <http://www.icitst.org/>
- Int. Conf. on Electrical and Electronics Engineering– ELECO , from 2009; [www.eleco.org.tr](http://www.eleco.org.tr)
- Int. conf. Intelligent on Computing and Information Systems – ICICIS, Technically Co-Sponsored by ACM EG, from 2009, <http://icicis.edu.eg/>
- Int. IEEE conf. on Applied Electronics - APPEL, from 2008, <http://appel.zcu.cz>
- Int. IEEE conf. on Electronics, Computers and AI, from 2005, [www.ecai.upit.ro](http://www.ecai.upit.ro)
- Int. conf. Technologies and Power Electronics - TPE08, from 2008, [www.ictpe.com](http://www.ictpe.com)
- EU Conf. on Intelligent Systems and Technologies - ECIT, from 2004, [www.iit.tuiasi.ro/ecit2008](http://www.iit.tuiasi.ro/ecit2008)

10. Hirsh-index: WOS: 15; Scopus: 17; Google Scholar: h-index =17, i10-index =30 (991 citations; updated in 8.09.2018)

Date 8.09.2018

prof. dr. ing. Nicu Bizon

