



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Nicu BIZON
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 Fax(es) +40 348 453 200
 E-mail(s) nicubizon@yahoo.com, nicu.bizon@upit.ro
 Nationality Romanian
 Date of birth 14.02.61
 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

English

Italian

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
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 - ECAF*"

Driving licence(s)

B category

Annexes

List of the papers published is available on:

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

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

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

- Associate Editor for IET Renewable Power Generation (RPG) Journal; IF= 3.488:

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

- Associate Editor for Heliyon, Elsevier (indexed in the Clarivate Emerging Sources Citation Index):

<http://www.heliyon.com/editorial-team/board/>

- Chief Editor of the International Journal on "Technical and Physical Problems of Engineering" (IJTPE) (indexed in Scopus): <http://www.ijotpe.com/IJTPE/EditorialBoard.html>

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

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

- Associate Editor for Journal of Energy Systems (JES) - www.dergipark.gov.tr/jes

- Associate Editor for Journal of Vehicle Dynamics <http://ojs.whioce.com/index.php/vd>

- 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, How to write a research paper, King Mongkut's University of Technology North Bangkok, Science and Technology Research Institute, Scientific symposium 2018. <https://www.kmutnb.ac.th/en/>



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, King Mongkut's University of Technology North Bangkok, Science and Technology Research Institute, Scientific symposium 2018
<https://www.kmutnb.ac.th/en/>

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

Nicu Bizon, Energy Efficiency of Hybrid Power Sources, International conference on Allied Electrical and Communication Systems (ICA ECS2016) <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

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

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

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
- 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 starting with 2010: 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.iotpe.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
- 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
- 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
- Int. conf. Technologies and Power Electronics - TPE08, from 2008, www.ictpe.com
- EU Conf. on Intelligent Systems and Technologies - ECIT, from 2004, www.iit.tuiasi.ro/ecit2008
- Communication Session of the Student Scientific Circles (Sesiunea de Comunicari a Cercurilor Stiintifice Studentesti - SCCSS), from 2015 <http://www.sccss.valahia.ro>

10. Hirsh-index: WOS: 18; Scopus: 19; Google Scholar: h-index =22, i10-index =38 (1252 citations; updated in 4.04.2019)

Date 4.04.2019

prof. dr. ing. Nicu Bizon


