

PERSONAL INFORMATION



Robert Cristian Beloiu

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EDUCATION AND TRAINING

2007–Present

Professional lifelong learning

- 2018, 2019 Forensic Fire Investigator - ASPEJURE, Spain
- 2018 Forensic Acoustic Contamination - Euroinnova Formacion, Spain
- 2016 Energy Auditor - National Energy Authority, Romania
- 2011 Forensic expert - Electricity - Minister of Justice, Romania
- 2007 Non-judicial technical Expert - General Engineering Association, Romania

2003–Present

Management lifelong learning

- 2014 Trainer of trainers
- 2013 Project Management

1990–2003

Basic technical education

Politechnica University, Bucharest (Romania)

- 1996 - 2003 PhD: Electrical Engineering
- 1995 - 1996 Master: Electrical Engineering - Micro-Systems design and analysis
- 1990 - 1995 Bachelor: Electrical Engineering - Electrical Drive Systems

WORK EXPERIENCE

1996–Present

Pitesti University, Pitesti (Romania)

- 2016 - present Associate Teacher
- 1996 - 2016 Preparatory, Assistant and Lecturer Teacher

I taught theoretical and applications in the field of Electronics and Electrical Engineering:

- Electric Drives and Machines
- Industrial Automation: PLC in industrial environment
- Control Systems and Automated Regulation

Business or sector Professional, scientific and technical activities

1995–Present

Research activities

Pitesti University, Pitesti (Romania)

www.upit.ro

- <https://www.scopus.com/authid/detail.uri?authorId=35329028100>
- <https://scholar.google.ro/citations?user=jnrPvH8AAAAJ&hl=ro>
- <https://publons.com/researcher/1451856/robert-beloiu/>
- <https://publons.com/researcher/2431373/robert-beloiu/>

- Bibliographic references: 115
- Books and books chapters publications: 7 in Romania, 3 international
- Conferences and journals publications: 33
- European project management: 3
- National project team member: 6
- European project proposals: 18

Business or sector Professional, scientific and technical activities

2018–Present **Automation engineer**
INTECH, Pitesti (Romania)

2004–2018 **International Relations**
Pitesti University, Pitesti (Romania)

- International relations responsible
- Erasmus teacher in: Spain, France, Netherlands, UK, Poland, Turkey, Azerbaijan, Finland, Portugal, Italy

Business or sector Education

1997–Present **Social work**

- President and legal representative: Fundatia Compartir - Romania
- Project manager: Fundatia Compartir 19 (RO) + 9 (ES)
- Collaborator: Asociacion Accion Comunitaria Compartir - Spain

Business or sector Volunteering

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2
French	A1	B1			

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

- Communication skills
- I have good communication and team work competencies.
 - I have good abilities for working with people. I easily adapt and integrate in working teams.

- Organisational / managerial skills
- I coordinated and directed three European funded projects at the University
 - I was part of several project and organizational teams in Pitesti University.
 - I coordinated the activity of NGO Compartir in implementing Romanian and European projects.

- Job-related skills
- I designed and implemented modern laboratories of Electric Drives, Industrial Automation, Control Systems and Automated Regulation in the University of Pitesti
 - I maintained close relation and collaboration with industrial automation companies in Romania

- I was responsible of establishing and managing new international relations with Erasmus European Universities
- I motivated students and teachers to have an Erasmus experience in Europe and to travel abroad as much as they could

Digital skills

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

Digital skills - Self-assessment grid

- Very good user of office software: Microsoft Office
- User of PLC software:
 - Advanced user Siemens: Step7, Tia Portal
- Good user of CAD software: SEE Electrical; Ecodial
- Good user of simulation and programming software: Matlab, Scilab, PSIM
- Knowledge of forensic software: FDS, Pyrosim, Video Cleaner, GIMP

Other skills

- I like to travel abroad. I think that traveling enriches me personal, professional, social, cultural, etc.
- I think that I can enrich people from a different background with my experience.
- I am passionate about teaching technical knowledge, as well as mathematics and physics.
- I am passionate about helping people with fewer opportunities to acquire technical knowledge as well as personal development.

Driving licence B

LISTA DE LUCRĂRI
a cadrului didactic BELOIU ROBERT CRISTIAN

A. Teza de doctorat

Comanda motoarelor pas cu pas din acționările electrice ale mecanismelor de deplasare, Doctor inginer; Universitatea Politehnica Bucuresti, Facultatea de Inginerie Electrica; 2003; Inginerie electrica; , Inginerie electrică, 2003

Comanda motoarelor pas cu pas din acționările electrice ale mecanismelor de deplasare, Doctor inginer; Universitatea Politehnica Bucuresti, Facultatea de Inginerie Electrica; 2003; Inginerie electrica; , Inginerie electrică, 2003

B. Cărți și capitole în cărți publicate în perioada 1995 - 2019

B1. Cărți și capitole în cărți de specialitate internaționale ca autor (cu ISBN extern)

1. R. Beloiu, M. Iorgulescu, C. Savulescu, *Capitolul 12. Dynamic Response of the Electric Motors in EV/HEV*, pag. 241 - 256 , 15 pag. 3 autori Editori: Nicu Bizon, Lucian Dascalescu, Naser M. Tabatabaei - Autonomous Hybrid Vehicles, Ed. Univ. Pitesti, 2013, ISBN 978-606-560-327-1,, 2013, (TC_11_2013_DECIE)

2. Robert Cristian Beloiu, Mariana Iorgulescu, Corina Savulescu, *Chapter 13. Dynamic Response of Electric Machines for Electric Vehicles/Hybrid Electric Vehicles (EV/HEV)*, Editors: N. Bizon, L. Dascalescu, and N. M. Tabatabaei (Ed.), Autonomous Vehicles: Intelligent Transport Systems and Smart Technologies, Nova Science Publishers Inc., USA, 2014, ISBN: 978-1-63321-324-1, pp.353-378 https://www.novapublishers.com/catalog/product_info.php?products_id=50365&osCsid=, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

3. Robert Cristian Beloiu, *Cap. 7: Teaching Control Systems in Electrical Engineering Education Programs*, Editors: Roberta V. Nata, Progress in Education. Volume 37, Nova Science Publishers Inc., USA, 2015, ISBN: 978-1-63483-337-0, pp 113-150 https://www.novapublishers.com/catalog/product_info.php?products_id=55550, 2015, (TC_11_2015_DECIE, TC_12_2015_DECIE)

B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)

1. Robert Cristian Beloiu, *Actionari Electrice cu motoare asincrone. Scheme cu logica cablata*, Editura MatrixRom, Bucuresti 2008. 978-973-755-320-1, 134 pag. <http://www.matrixrom.ro/romanian/editura/domenii/cuprins.php?cuprins=AE40>, 2008

2. Robert Cristian Beloiu, *Actionari electrice cu logica cablata. Pornirea motoarelor asincrone trifazate*, Ed. MatrixRom, Bucuresti, 2010, ISBN:978-973-755-602-8, 207 pag. <http://www.matrixrom.ro/romanian/editura/domenii/cuprins.php?cuprins=AE70>, 2010

B5. Manuale didactice, suport de curs

1. R. Beloiu, *Note de curs pentru actionari electrice (AE)* , 2016

2. R. Beloiu, *Note de curs pentru teoria sistemelor si reglaj automat (TSRA)* , 2016

3. R. Beloiu, *Note de curs pentru sisteme de actionari electrice (SAE)* , 2016

4. R. Beloiu, *Note de curs pentru robotica industrială (RI)* , 2016

B6. Îndrumare de laborator, culegere de probleme

1. Robert Cristian Beloiu, *Lucrari practice de Actionari Electrice cu Logica Cablata*, Ed. Upit, 2014, e-ISBN: 978-606-560-378-3, 300 pag. http://tinread.upit.ro/opac/bibliographic_view/143196?pn=opac%2FSearch&q=beloiu+robert#level=all&location=0&ob=asc&q=beloiu+robert&sb=relevance&start=0&view=CONTENT, 2014

2. Robert Cristian Beloiu, *Lucrari practice de Sisteme de Actionari Electrice*, Ed. Upit, 2016, ISBN 978-606-560-464-3, 110 pag. www.upit.ro, 2016

3. Robert Cristian Beloiu, *Lucrari practice de Robotica Industriala*, Ed. Upit, 2016, ISBN 978-606-560-483-4, 163 pag. www.upit.ro, 2016

C. Lucrări (articole) ISI / BDI publicate în perioada 1995 - 2019

C2. Articole în volume indexate ISI Proceedings

1. Mariana Iorgulescu, Robert Cristian Beloiu, Mihai Octavian Popescu, *Induction motors monitoring based on artificial neural network*, PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL III: INDUSTRIAL AUTOMATION AND CONTROL Pages: 157-162; Accession Number: WOS:000256418900026 Published:

2006 http://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4IrRliZOj&page=1&doc=7&cacheurlFromRightClick=no, 2006, (TC__DAT)

2. Mariana Iorgulescu, Robert Cristian Beloiu, Dumitru Cazacu, *Vibration monitoring for electrical equipment faults detection using Fast Fourier Transform*, 1st International Conference on Manufacturing Engineering, Quality and Production Systems Location: Transilvania Univ Brasov, Brasov, ROMANIA, Date: SEP 24-26, 2009 ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND SYSTEMS, VOL. 1, Book

Series: http://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4IrRliZOj&page=1&doc=6&cacheurlFromRightClick=no, 2009, (TC__DAT)

3. Mariana Iorgulescu, Robert Cristian Beloiu, Mihai Octavian Popescu, *Rotor bars diagnosis in single phase induction motors based on the vibration and current spectrum analysis*, 12th International Conference on Optimization of Electrical and Electronic Equipment Location: Brasov, ROMANIA Date: MAY 20-21, 2010 Sponsor(s): IEEE, IAS; IEEE, PELS; IEEE, IESOPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE

ON http://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4IrRliZOj&page=1&doc=4&cacheurlFromRightClick=no, 2010, (TC__DAT)

4. Mariana Iorgulescu, Robert Cristian Beloiu, Mihai Octavian Popescu, *Vibration monitoring for diagnosis of electrical equipment's faults*, 12th International Conference on Optimization of Electrical and Electronic Equipment Location: Brasov, ROMANIA Date: MAY 20-21, 2010 Sponsor(s): IEEE, IAS; IEEE, PELS; IEEE, IESOPTIM 2010: PROCEEDINGS OF THE 12TH INTERNATIONAL CONFERENCE ON http://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4IrRliZOj&page=1&doc=5&cacheurlFromRightClick=no, 2010, (TC__DAT)

5. Mariana Iorgulescu, Robert Cristian Beloiu, *Study of DC Motor Diagnosis Based on the Vibration Spectrum and Current Analysis*, Applied and Theoretical Electricity (ICATE), 2012 International Conference on Date of Conference: 25-27 Oct. 2012 Author(s): Page(s): 1 - 4 Product Type: Conference Publications Conference Location : Craiova, Romania Print ISBN: 978-1-4673-1809-9 Digital http://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4IrRliZOj&page=1&doc=3&cacheurlFromRightClick=no, 2012, (TC_11_2012_DECIE, TC_12_2012_DECIE)

6. Iorgulescu, M., Alexandru, M., Beloiu, R. , *Noise and vibration monitoring for diagnosis of DC motor's faults*, 13 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2012, Brasov , On page(s): 724 Conference Location : Brasov ISSN : 1842-0133E-ISBN : 978-1-4673-1652-Print ISBN: 978-1-4673-1650-7 INSPEC Accession Number: 12849342 [7. Robert Cristian Beloiu, *A practical approach for an introductory control engineering course*, Conference: International Conference on Electronics, Computers and Artificial Intelligence \(ECAI\) Location: Univ Pitesti, Pitesti, ROMANIA Date: JUN 27-29, 2013 Sponsor\(s\): IEEE Region 8; IEEE Ind Applicat Soc;](http://ieeexplore.ieee.org.ux4l18xu6v.useaccesscontrol.com/xpl/articleDetails.jsp?tp=&arnumber=6231919&searchWithin%3Dp_Authors%3A.QT.Beloiu%2C+R..QT.%26sortType%3Dasc_p_Publication_Year, 2012, (TC_11_2012_DECIE, TC_12_2012_DECIE)</p></div><div data-bbox=)

IEEE Romania Sect; Univ Pitesti, Fac Elect

Commuhhttp://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4lrRliZOj&page=1&doc=2&cacheurlFromRightClick=no, 2013, (TC_11_2013_DECIE, TC_12_2013_DECIE)

8. Mariana Iorgulescu, Robert Cristian Beloiu, *Faults diagnosis for electrical machines based on analysis of motor current*, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22-24, 2014 Sponsor(s): IEEE Ind Elect Soc; IEEE Ind Applicat Soc; IEEE Power Elect Soc; Transilvania Univ Brasov 2014 INTERNATIONAL CONFERENCE http://apps.webofknowledge.com.ux4l18xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=Analyze&qid=5&SID=1BEPfbVQXz4lrRliZOj&page=1&doc=1&cacheurlFromRightClick=no, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

9. R. Beloiu, I. Bostan, M. Iorgulescu, *Internationalization of educational programs through European projects*, The 6th International Conference Edu World 2014 "Education Facing Contemporary World Issues", 7th - 9th November 2014; <http://www.eduworld.ro/index.php?page=participants2014> <http://www.sciencedirect.com/science/article/pii/S1877042815015396>, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

10. I. Bostan, R. Beloiu, N. Bizon, *Learning digital frequency dividers through practical laboratory activities*, The 6th International Conference Edu World 2014 "Education Facing Contemporary World Issues", 7th - 9th November 2014; <http://www.eduworld.ro/index.php?page=participants2014> <http://www.sciencedirect.com/science/article/pii/S187704281503058X>, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

11. R. Beloiu, *Teaching induction machine laboratory using ProjectX*, 4th WORLD CONFERENCE ON EDUCATIONAL TECHNOLOGY RESEARCHES, WCETR-2014 <http://www.sciencedirect.com/science/article/pii/S187704281503058X>, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

12. R. Beloiu, *Dynamic determination of DC motor parameters – simulation and testing*, Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2014 http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:_kc_bZDykSQC, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

13. R. Beloiu, I. Bostan, M. Iorgulescu, *Dynamic electronic model for a DC motor - simulation and experimental validation*, Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2014 http://scholar.google.ro/citations?view_op=view_citation&hl=ro&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:4TOpqqG69KYC&gmla=AJsN-F7TyHbuYOFaOw4DsVIXyJKWPqAxBPRpsJNsp9gme2BauIYeaH3xoh_jh3754oimyKZEVyPzu8uSrw5dbrHtMdte3hAnN9f6bXDbgQE9qV5L3a9fgGG_biBbm, 2014, (TC_11_2014_DECIE, TC_12_2014_DECIE)

14. Robert Cristian Beloiu, *Hands-on solutions for teaching basic introductory control systems course*, Advanced Topics in Electrical Engineering (ATEE), 2015 9th International Symposium on http://apps.webofknowledge.com.am.enformation.ro/full_record.do?product=UA&search_mode=GeneralSearch&qid=12&SID=Y2jU6bcQLg32ZDmghtM&page=1&doc=1, 2015, (TC_11_2015_DECIE, TC_12_2015_DECIE)

15. Robert Cristian Beloiu, *Hands-on" Electronic Simulators for Electric Drive Systems*, Proceedings of the 10th International Conference on Virtual Learning, ISSN 1844-8933, Bucharest Bucharest University Press, ISSN: 1844-8933, Bucharest, 2015, pag. 179-185, 2015, (TC_11_2015_DECIE, TC_12_2015_DECIE)

16. Robert Cristian Beloiu, *Teaching electric motors' starting methods in Lifelong Learning Programs*, Conference: 7th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) Location: Bucharest, ROMANIA Date: JUN 25-27, 2015 Sponsor(s): IEEE Romania section; IEEE Industry Applications Society; Univ Pitesti; Univ Europei Sud Est Lumina; Ministerul Educatiei Cercetarii Stiintifice PROCEEDINGS OF THE 2015 7TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAI) Book Series: International Conference on Electronics Computers and Artificial Intelligence Pages: WE11-WE14 Published: 2015

10.1109/ECAI.2015.7301223http://apps.webofknowledge.com.am.enformation.ro/full_record.do?product=UA&search_mode=GeneralSearch&qid=5&SID=2FgsYNHACK1IE3DjntU&page=1&doc=1&cacheurlFromRightClick=no, 2015, (TC_11_2015_DECIE, TC_12_2015_DECIE)

17. Paturca, SV (Paturca, Sanda Victorinne); Petre, D (Petre, Daniel); Dumitrescu, AM (Dumitrescu, Ana Maria); Bostan, V (Bostan, Valeriu); Bostan, I (Bostan, Ionel); Beloiu, R (Beloiu, Robert), *A robotics laboratory for bio-engineering students*, Title: A robotics laboratory for bio-engineering students Author(s): Paturca, SV (Paturca, Sanda Victorinne); Petre, D (Petre, Daniel); Dumitrescu, AM (Dumitrescu, Ana Maria); Bostan, V (Bostan, Valeriu); Bostan, I (Bostan, Ionel); Beloiu, R (Beloiu, Robert) Source: JOURNAL OF BIOTECHNOLOGY Volume: 256 Pages: S57-S57 DOI: 10.1016/j.jbiotec.2017.06.991 Supplement: S Published: AUG 30 2017 Times Cited in Web of Science Core Collection: 0 Total Times Cited: 0 Usage Count (Last 180 days): 0 Usage Count (Since 2013): 0 Cited Reference Count: 0 Accession Number: WOS:000413585400176 Language: English Document Type: Meeting Abstract Conference Title: European Biotechnology Congress Conference Date: MAY 25-27, 2017 Conference Location: Dubrovnik, CROATIA Addresses: [Paturca, Sanda Victorinne; Petre, Daniel; Dumitrescu, Ana Maria; Bostan, Valeriu] Univ Politehn Bucuresti, Fac Elect Engn, Bucharest, Romania. [Bostan, Ionel; Beloiu, Robert] Univ Pitesti, Fac Elect Commun & Comp, Pitesti, Romania. E-mail Addresses: petregeorgedaniel@gmail.com Publisher: ELSEVIER SCIENCE BV Publisher Address: PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS Web of Science Categories: Biotechnology & Applied Microbiology Research Areas: Biotechnology & Applied Microbiology IDS Number: FK6AN ISSN: 0168-1656 eISSN: 1873-4863 29-char Source Abbrev.: J BIOTECHNOL ISO Source Abbrev.: J. Biotechnol. Source Item Page Count: 1 Output Date: 2018-01-30, 2017, (TC_19_2017_DECIE)

18. Andrei, H (Andrei, Horia); Andrei, PC (Andrei, Paul Cristian); Constantinescu, LM (Constantinescu, Luminita M.); Beloiu, R (Beloiu, Robert); Cazacu, E (Cazacu, Emil); Stanculescu, M (Stanculescu, Marilena), *Reactive Power Control in AC Power Systems, Cap.1, Electrical Power Systems*, Title: Electrical Power Systems Author(s): Andrei, H (Andrei, Horia); Andrei, PC (Andrei, Paul Cristian); Constantinescu, LM (Constantinescu, Luminita M.); Beloiu, R (Beloiu, Robert); Cazacu, E (Cazacu, Emil); Stanculescu, M (Stanculescu, Marilena) Edited by: Tabatabaei NM; Aghbolaghi AJ; Bizon N; Blaabjerg FS Source: REACTIVE POWER CONTROL IN AC POWER SYSTEMS: FUNDAMENTALS AND CURRENT ISSUES Book Series: Power Systems Pages: 3-47 DOI: 0.1007/978-3-319-51118-4_1 Published: 2017 Accession Number: WOS:000418032900003 IDS Number: BJ1TU ISSN: 1612-1287 ISBN: 978-3-319-51118-4; 978-3-319-51117-7 29-char Source Abbrev.: POWER SYST Source Item Page Count: 45 Book DOI: 10.1007/978-3-319-51118-4 Output Date: 2018-01-30, 2017, (TC_18_2017_DECIE)

19. Robert Beloiu, *Virtual solutions for industrial automation education*, <http://c3.icvl.eu/2018/proceedings> SI Web of Sciences (Thomson Reuters): ICVL Proceedings of the 10th International Conference on Virtual Learning Book Series: Proceedings of the International Conference on Virtual learning; Edited by: Vlada, M; Albeanu, G; Adascalitei, A; Popovici, M; Accession Number: WOS:000380576300002; ISSN: 1844-8933 Categories / Classification: Research Areas: Computer Science; Education & Educational Research Web of Science Categories: Computer Science, Interdisciplinary Applications; Education & Educational Research, 2018, (TC_18_2018_DECIE)

C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

1. R. Beloiu, M. Iorgulescu, O. Dumitru, P. Combei, A. Stancescu, *Electric Drive System with DC Electric Motor with Closed Current Loop and Open Speed Loop*, 1st International Conference on Electronics, Computers and Artificial Intelligence ECAI 2005, 1 – 2 July, 2005, Pitesti, vol. 2/2005, ISSN 1453-1119, pag. 50 –

52. http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&cstart=20&page_size=80&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:Zph67rFs4hoC, 2005

2. R. Beloiu, M. Iorgulescu, O. Dumitru, P. Combei, A. Stancescu, *Electric Drive System with DC Electric Motor with Closed Current Loop and Speed Loop*, 1st International Conference on Electronics, Computers and Artificial Intelligence ECAI 2005, 1 – 2 July, 2005, Pitesti, vol. 2/2005, ISSN 1453-1119, pag. 47 –

49. http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&cstart=20&page_size=80&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:ULOm3_A8WrAc, 2005

3. M.Iorgulescu, R. Beloiu, M.O.Popescu, *Detection of induction motors' faults by vibration and noise monitoring*, SAEM 2006 Ohrid, Macedonia, ISBN 989-630-51-8, pag. 65-66;
<http://eprints.ugd.edu.mk/10231/1/Pages%20from%20Book%20of%20Digests.pdf>http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:hqOjcs7Dif8C, 2006, (TC __ DAT)
4. M.Iorgulescu, R. Beloiu,, *The vibration and stator current signature of induction motor*, International Organization on Technical and Physical Problems of Engineering (IOTPE) 2008;
<http://www.iotpe.com/ICTPE/ICTPE-2008/ConferenceProgram.html>http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:0EnyYjriUFMC, 2008
5. M.Iorgulescu, R. Beloiu,, *Vibration and current monitoring for fault's diagnosis of induction motors*, M.Iorgulescu, R. Beloiu," Vibration and current monitoring for fault's diagnosis of induction motors" ICATE 2008 - 9-th International Conference on Applied and Theoretical Electricity, Annals of the University of Craiova, Electrical Engineering series,
http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:d1gkVwhDpl0C, 2008, (TC __ DAT)
6. Mariana Iorgulescu, Robert Beloiu, *Induction Motors Modelling for Faults Diagnosis*, Proceedings of the 2nd SYMPOSIUM ON APPLIED ELECTROMAGNETICS SAEM'08 pag.77-82 Zamość, Poland, June 1 – 4, 2008 ,ISBN 978-83-7373-037-3,
<http://www.ptze.pl/nowa/moduly/strony%20informacyjne/UserFiles/80/SAEM08%20-%20materialy.pdf>http://scholar.google.ro/citations?view_op=view_citation&hl=en&user=cTlhvxYAAAAJ&sortby=pubdate&citation_for_view=cTlhvxYAAAAJ:W7OEmFMylHYC, 2008
7. Robert Beloiu, Mariana Iorgulescu, *Set up of Brushless Control Drivers in Hybrid Electric Vehicle*, Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2011
http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:LkGwnXOMwfcC, 2011
8. R. Beloiu, M. Iorgulescu, *AUTOMATED COUPLING OF A SYNCHRONOUS GENERATOR WITH ELECTRICAL SYSTEM GRID*, 7th International Conference on "Technical and Physical Problems of Power Engineering" (ICTPE-2011), 7-9 July 2011, Near East University, Lefkosa, TR Northern Cyprus, Paper Number 23, Code 02EPE11, Pages 108-110,
https://scholar.google.com/citations?hl=en&user=gfWxEhEAAAAJ&view_op=list_works&sortby=pubdate, 2011
9. Mariana Iorgulescu, Robert Beloiu, *Noise Monitoring For Fault's Diagnosis of Electrical Machines*, Proceedings of the International Conference on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE – ECAI-2012
http://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=jrrPvH8AAAAJ&sortby=pubdate&imq=Robert+Beloiu&citation_for_view=jrrPvH8AAAAJ:_FxGoFyzp5QC, 2012, (TC_11_2012_DECIE, TC_12_2012_DECIE)
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F. Granturi / proiecte de cercetare în perioada 1995 - 2019

F2. Granturi / proiecte câștigate prin competiție națională

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Data: 03.10.2019

Cadrul didactic ~~BELOIU ROBERT CRISTIAN~~
Semnătura