



## Europass Curriculum Vitae



### Personal information

First name / Surname **Petrică CIOTÎRNAE**  
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Nationality Romanian  
Date of birth 13.10.1970  
Gender Male

### Work experience

Dates **from 2016 to present**  
Occupation or position held **Director** of Military Communications and Electronic Systems Department  
/Faculty of Military Electronic and Computer Systems  
Main activities and responsibilities Management of educational activities / Scientific research activities/  
University education activities  
Name and address of employer Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania  
Type of business or sector Education/Scientific research

Dates **from 2013 to 2014**  
Occupation or position held **Vice-Rector for Research** at Military Technical Academy  
Main activities and responsibilities Management of scientific research and educational activities/  
University education activities/ Scientific research activities  
Name and address of employer Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania  
Type of business or sector Education/Scientific research

Dates **from 2012 to 2013**  
Occupation or position held **Vice-Dean for Research** of Military Electronic and Computer Systems Faculty  
Main activities and responsibilities Management of scientific research and educational activities/  
University education activities/ Scientific research activities  
Name and address of employer Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania  
Type of business or sector Education/Scientific research

Dates	<b>from 2009 to present</b>
Occupation or position held	<b>Associate Professor</b> /Faculty of Military Electronic and Computer Systems/Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities/Scientific research activities/Students supervising/Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
Dates	<b>from 2007 to 2009</b>
Occupation or position held	<b>Lecturer</b> /Faculty of Military Electronic and Computer Systems/Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities/Scientific research activities/Students supervising/Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
Dates	<b>from 2000 to 2007</b>
Occupation or position held	<b>Assistant</b> /Faculty of Military Electronic and Computer Systems/Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities/Scientific research activities/Students supervising/Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
Dates	<b>from 1997 to 2000</b>
Occupation or position held	<b>Preparator</b> /Faculty of Military Electronic and Computer Systems/Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities/Scientific research activities/Students supervising/Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
<b>Education and training</b>	
Dates	10-11/2006
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	<i>Security and Cooperation in the Black Sea Region</i>
Name and type of organization providing education and training	National Defense University (Bucharest)
Level in national or international classification	ISCED 4
Dates	1996 - 2004
Title of qualification awarded	PhD, Electronics and Telecommunication (scientific domain)
Principal subjects/occupational skills covered	<i>Communications on Chaotic Carrier. Applications in Military Communications Systems</i>
Name and type of organization providing education and training	Military Technical Academy

Level in national or international classification	ISCED 6
Dates	01/10/1990 - 01/05/1996
Title of qualification awarded	Engineer, Communication Department (specialty)
Principal subjects/occupational skills covered	Electronics, Communication Systems, Radios, Sensors, Communication Network Management
Name and type of organization providing education and training	Military Technical Academy
Level in national or international classification	ISCED 5
Dates	15/09/1985 - 01/07/1989
Title of qualification awarded	High-school diploma, Electrotechnics (profile)
Principal occupational skills covered	Electrotechnics, Electronics, Mechanical Systems, Mathematics, Physics
Name and type of organization providing education and training	High-School "St. SAVA" (Bucharest)
Level in national or international classification	ISCED 3

### Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English**

Self-assessment

*European level (\*)*

**English**

Understanding		Speaking				Writing			
Listening	Reading	Spoken interaction		Spoken production					
C1	-	C1	-	B2	-	B2	-	B2	-

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/files/quest_doc/CEFR/CEFR_full_report.pdf)

Social skills and competences	Team leader spirit, very good communication capacity, long term working tasks assignments
Organizational skills and competences	Critical decision capabilities, large experience in the field of team leader management
Technical skills and competences	Very good skills and competences in the field of network communications and electronics
Computer skills and competences	Engineering software: Comnet, Opnet, Matlab Common software: Microsoft Office, Microsoft Project, Microsoft Visio
Driving license	B and C categories

### Other skills and competences

Published more than 50 scientific papers  
Published of 6 specialty books at national publishing houses  
Team Leader or member of national Scientific Research Projects  
Member in organizing committee of some national conferences  
(E.g. *Communications* and *Laser Bucharest*)

### Annexes

List of the Relevant Scientific Papers (**Annex 1**)

## THE COMPLETE LIST OF SCIENTIFIC WORKS

### A. List of the 10 Most Relevant Scientific Papers

1. R. Luca, P. Ciotîrnae, F. Popescu, "Influence of the QoS Measured for VoIP Traffic in a Congested Network", International Journal of Computers Communications & Control (IJCCC), ISSN 1841-9836, 11(3):322-321, June 2016, **WOS:000373296600008**, **JCR2016: IF=1.374**  
<http://univagora.ro/jour/index.php/ijccc/article/view/2558/1004>
2. R. Luca, P. Ciotîrnae and V. Greu, "Evaluation and improvement of WiMAX real throughput at application level using experimental study analysis and resulted optimization rules", 2016 International Conference on Communications (COMM), Bucharest, 2016, pp. 195-200, DOI: 10.1109/ICComm.2016.7528308, **WOS:000383221900041**, **IEEE Xplore**, **IF=0.25** <http://ieeexplore.ieee.org/document/7528308/>
3. V. N. Petrescu, P. Ciotîrnae, C. Rîncu, A. Aloman and M. Nichita, "Performance evaluation of the integrated platforms using VoIP signaling protocols analysis," 2016 International Conference on Communications (COMM), Bucharest, 2016, pp. 181-184, DOI: 10.1109/ICComm.2016.7528333, **WOS:000383221900038**, **IEEE Xplore**, **IF=0.25**, <http://ieeexplore.ieee.org/document/7528333/>
4. P. Ciotîrnae, F. Popescu, F. Enache, "Extended Study Regarding Sustained Transfer Rate for 802.11 Wi-Fi Communications With Partially Overlapped Channels Interference", in Annals of the University of Craiova, Electrical Engineering series, no. 38, pp. 164-169, 2014, ISSN 1842-4805, <http://elth.ucv.ro/2014/164.pdf>
5. P. Ciotîrnae, I.C. Rîncu, G. Niculescu and L. Ioan, "Evaluation of Global Database Queries Configuration Influence on the Message Delay in SS7 Networks", in Proceedings of 8th International Conference Communications 2010, pp. 305-308, 10-12 June 2010, Bucharest, 2010, ISBN 978-1-4244-6363-3 (IEEE Xplore), DOI: 10.1109/ICComm.2010.5509023, INSPEC Accession Number: 11417271, **WOS:000299870700072**, **IEEE Xplore**, **IF=0.25**, <http://ieeexplore.ieee.org/document/5509023/>
6. G. Niculescu, P. Ciotîrnae and L. Ioan, "The Packet Delay in a MPLS Network Using "1+1 Protection", in Proceedings of 6th Advanced International Conference on Telecommunications AICT 2010, pp. 231-235, 9-15 May 2010, Barcelona, Spain, 2010, ISBN 978-0-7695-4021-4, DOI: 10.1109/AICT.2010.94, INSPEC Accession Number: 11374629, **IEEE Xplore**, <http://ieeexplore.ieee.org/document/5489838/>
7. P. Ciotîrnae, D. Siposan, C. Niculae, R.D. Raicu, "Bio-Inspired Model for the Traffic Optimization into Laser Communication Networks", in Proceedings of the 10<sup>th</sup> International Congress of Dermatology, Prague (Czech Republic), May 20-24, 2009, pp. 295-301, ISBN 978-88-7587-536-7, Ed. Medimond Press. **WOS:000360242200051**, **ISI Web of Science**, **IF=0.25**
8. P. Ciotîrnae, I.C. Vizitiu, C. Rîncu, "Teletraffic Analysis and Optimization using Chaotic Maps", in Proceedings of the International Conference of Military Technologies (ICMT'09), Brno, Czech Republic, May 5-6, 2009, pp.493-498, ISBN 978-80-7231-649-6, **Indexed in Web of Science**, **WOS:000284810600069**, **IF=0.25**, [http://www.unob.cz/fvt/struktura/k206/documents/veda/konference\\_icmt\\_2009.pdf](http://www.unob.cz/fvt/struktura/k206/documents/veda/konference_icmt_2009.pdf)
9. P. Ciotîrnae, "Secure Data Transmissions on Multiple Eurocom Channels", in Proceedings of the 5<sup>th</sup> International Conference Communications 2004, Bucharest, Romania, June 3-5, 2004, pp. 165-170, ISBN 973-640-035-2, <https://scholar.google.ro/citations?hl=en&user=52jOEZMAAAAJ>
10. P. Ciotîrnae, "Chaotical Protection Algorithm for Delta Modulated Voice Channel", in Proceedings of the 5<sup>th</sup> International Conference Communications 2004, Bucharest, Romania, June 3-5, 2004, pp. 171-174, ISBN 973-640-035-2, <https://scholar.google.ro/citations?hl=en&user=52jOEZMAAAAJ>

### B. The Ph.D. Thesis

1. "Communications on chaotic carrier. Applications in Romanian Military Communications System", at Military Technical Academy, in Electronics, Communications and Information Technologies, Diploma Series C No. 0008728, coordinated by Professor Alexandru Şerbănescu, March 2004.

### C. List of the Specialized Books

1. **P. Ciotîrnae**, C.I. Rîncu and A. Digulescu-Popescu, "*Broadband Switching and Transport Systems*", Military Technical Academy Publisher, **2017**, ISBN 978-973-640-266-1, CIP 2017-17146, 110 p.
2. **P. Ciotîrnae**, R.D. Raicu and D.E. Brînaru, "*Digital Optical Fiber Communication Systems*", Military Technical Academy Publisher, **2017**, ISBN 978-973-640-271-5, CIP 2017-16629, 114 p.
3. **P. Ciotîrnae**, "*Digital Switching and Multiplexing Systems*", Military Technical Academy Publisher, **2009**, ISBN 978-973-640-171-8, CIP 2009-8126, 188 p.
4. C. Bălan, A. Şerbănescu, **P. Ciotîrnae** and C.I. Rîncu, "*Methods, techniques and technologies in communications. Applications*", Military Technical Academy Publisher, **2007**, ISBN 978-973-640-132-9, 286 p.
5. G. Savu and **P. Ciotîrnae**, "*Telephony Switching and Multiplexing Systems. Seminars*", Military Technical Academy Publisher, **2017**, ISBN 978-973-640-267-8, CIP 2017-17145, 144 p.
6. L. Tuţă and **P. Ciotîrnae**, "*Switching and Multiplexing Systems. Laboratory Guidance*", Military Technical Academy Publisher, **2017**, ISBN 978-973-640-272-2, CIP 2017-16630, 60 p.

### D. The List of ISI Web of Science Papers

11. T.C. Oroian, F. Enache and **P. Ciotîrnae**, "*Some considerations about third-order statistics for different types of radar signals*", 10<sup>th</sup> International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, March 23-25, **2017**, pp. 9-12, DOI: 10.1109/ATEE.2017.7905090, WOS:000403399400003, IEEE Xplore, IF=0.25 <http://ieeexplore.ieee.org/document/7905090/>
12. M.V. Nichita, **P. Ciotîrnae**, R.L. Luca and V.N. Petrescu, "*5G propagation: Current solutions and future proposals*", 2016 12<sup>th</sup> IEEE International Symposium on Electronics and Telecommunications (ISETC'2016), Timisoara, 2016, pp. 47-50. DOI: 10.1109/ISETC.2016.7781054, ISBN 978-1-5090-3748-8, WOS:000390717800011, IEEE Xplore, IF=0.25 <http://ieeexplore.ieee.org/document/7781054/>
13. A. Aloman, A. I. Ispas, **P. Ciotîrnae**, R. Sanchez-Iborra and M. D. Cano, "*Performance Evaluation of Video Streaming Using MPEG DASH, RTSP, and RTMP in Mobile Networks*", 2015 8th IFIP Wireless and Mobile Networking Conference (WMNC), Munich, 2015, pp. 144-151, DOI: 10.1109/WMNC.2015.12, ISSN 978-0-7695-5662-8/15, WOS:000380445700019, IEEE Xplore, IF=0.25, <http://ieeexplore.ieee.org/document/7396692/>
14. D. Hrimiuc, A. Gagi, **P. Ciotîrnae**, "*Modern Communications Modules in e-Learning Systems*", in Proceedings of 11th International eLearning & Software for Education, pp. 158-161, Bucharest, 23-24 April 2015, DOI: 10.12753/2066-026X-15-024, ISSN 2066-026X, WOS:000384469000024, IF=0.25 <http://proceedings.elseconference.eu/paper162>
15. **P. Ciotîrnae**, F. Popescu, F.R. Enache and M.G. Burgos, "*Extended Partially Overlapped Channel Interference Model and Study for 802.11 Wi-Fi Communications*", in Proceedings of International Conference on Applied and Theoretical Electricity (ICATE), 2014, pp. 164-169, 2014, Craiova, 23-25 October 2014, DOI: 10.1109/ICATE.2014.6972656, INSPEC Accession Number: 14791578 WOS:000352737400067, IEEE Xplore, IF=0.25, <http://ieeexplore.ieee.org/document/6972656/>
16. F. Popescu, F.R. Enache, I.C. Vizitiu and **P. Ciotîrnae**, "*Recurrence Plot Analysis for Characterization of Appliance Load Signature*", in Proceedings of 10th International Conference Communications 2014, pp. 101-104, **2014**, Bucharest, 29-31 May 2014, ISBN 978-1-4799-2385-4, CPF1441J-ART, DOI: 10.1109/ICComm.2014.6866747, INSPEC Accession Number: 14484834 WOS:000345844600091, IEEE Xplore, IF=0.25, <http://ieeexplore.ieee.org/document/6866747/>
17. V. Greu, **P. Ciotîrnae**, F. Popescu, M.G. Burgos, I. Sima, "*Model and Algorithm for the Estimation of Internal/Environmental Interference Influence and Improvement of IEEE 802.11/WiFi Networks Performance, Using Passive Monitoring*", in Proceedings of 10<sup>th</sup> International Conference Communications 2014, pp. 449-452, **2014**, Bucharest, 29-31 May 2014, ISBN 978-1-4799-2385-4 (IEEE Xplore), CPF 1441J-ART, DOI:

- 10.1109/ICComm.2014. 6866664, **INSPEC** Accession Number: 14484799, **WOS:000345844600008**, **IEEE Xplore**, **IF=0.25**, <http://ieeexplore.ieee.org/document/6866664/>
18. I.C. Vizitiu, P. Ciotîrnae, A. Kovacs and M. Mazîlu, "Pattern Recognition Using GMLP Systems: A Comparative View as Performance Level", in Proceedings of 9<sup>th</sup> International Conference Communications 2012, pp. 125-128, **2012**, Bucharest, 21-23 June 2012, **ISBN 978-1-4577-0058-3/-12**, CPF 1241, **DOI: 10.1109/ICComm.2012.6262578**, **INSPEC** Accession Number: 12932595  
**WOS:000307808200028**, **IEEE Xplore**, **IF=0.25**, <http://ieeexplore.ieee.org/document/6262578/>
19. V. Greu, P. Ciotîrnae, I.C. Vizitiu, S. Cernea and O. Poncea, "A Secure Routing Algorithm With Additional Cognitive Information Scalable Features for the Design Approach of the Tactical Frequency Hopping Radios Ad-Hoc Networks (TAFHNET)", in Proceedings of 9<sup>th</sup> International Conference Communications 2012, pp. 181-184, **2012**, Bucharest, 21-23 June 2012, **ISBN 978-1-4577-0057-6 (IEEE Xplore)**, CPF 1241, **DOI: 10.1109/ICComm.2012.6262566**, **INSPEC** Accession Number: 12932583  
**WOS:000307808200041**, **IEEE Xplore**, **IF=0.25**, <http://ieeexplore.ieee.org/document/6262566/>
20. I.C. Vizitiu, I. Nicolaescu, A. Stoica, P. Ciotîrnae, A. Radu and C. Molder, "An Optimal Full-Genetic Technique used to train RBF Neural Networks", in Proceedings of the 9<sup>th</sup> International Symposium on Electronics and Telecommunications (ISETC 2010), Timișoara, Romania, November 11-12, **2010**, pp. 319-322, **ISBN 978-1-4244-8458-4**, CFP1003L-PRT, **DOI: 10.1109/ISETC.2010.5679259**, **INSPEC** Accession Number: 11745511  
**WOS:000296356700068**, **IEEE Xplore**, **IF=0.25**, <http://ieeexplore.ieee.org/document/5679259/>
21. I.C. Vizitiu, P. Ciotîrnae and I. Nicolaescu, "High-Performance Pattern Recognition System Using an Improved Neural Classification Chain and Decision Fusion on Multispectral Information", in Proceedings of the 2<sup>th</sup> International Conference on the Applications of Digital Information and Web Technologies, **2009**, ICADIWT '09, pp. 772-777, London 04-06 Aug. 2009, **ISBN 978-1-4244-4456-4**, **INSPEC** Accession Number: 10905914, **DOI: 10.1109/ICADIWT.2009.5273924**, **WOS:000288359000130**, **IEEE Xplore**, **IF=0.25**  
<http://ieeexplore.ieee.org/document/5273924/>
22. I.C. Vizitiu, P. Ciotîrnae, "Multispectral Neural ATR System using the Decision Fusion Between HRR and Thermal Imaginary", in Proceedings of the International Conference of Military Technologies (ICMT'09), Brno, Czech Republic, May 5-6, 2009, pp.261-268, **ISBN 978-80-7231-649-6**, Indexed in Web of Science (ISI CPCI)  
**WOS:000284810600036**, **IF=0.25**  
[http://www.unob.cz/fvt/struktura/k206/documents/veda/konference\\_icmt\\_2009.pdf](http://www.unob.cz/fvt/struktura/k206/documents/veda/konference_icmt_2009.pdf)
23. I.C. Vizitiu and P. Ciotîrnae, "Neural Design Procedure for an ATTR System Based on Video Imagery Use", 9<sup>th</sup> WSEAS International Conference on Automation and Information, JUN 24-26, 2008, Bucharest, ROMANIA, **ISBN 978-960-6766-77-0**, **ISSN 1790-5117** WSEAS Transaction on Circuits and Systems, Issue 7, Vol. 7, pp.590-599, Print-ISSN: 1109-2734,E-ISSN: 2224-266X, 2008 Indexed in Elsevier's SCOPUS, **INSPEC**,  
**WOS:000258497000088**, **IF=0.25** [https://pdfs.semanticscholar.org/pdf](https://pdfs.semanticscholar.org/pdf/http://wseas.org/action2861)  
(<http://wseas.org/action2861>), <http://www.worldses.org/journals/circuits/circuits-2008.htm>,
24. D.P. Munteanu, O. Brădeanu, P. Ciotîrnae and I.C. Vizitiu, "Zone Profile Generation for Location Based Services and Traffic Analysis", in Proceedings of the 12<sup>th</sup> WSEAS International Conference on Communications, Heraklion, Greece, July 23-25, **2008**, pp.386-390, **ISSN 1790-5117**, **ISBN 978-960-6766-84-8** ISI,  
**WOS:000260496700056**, **IF=0.25**  
<http://www.wseas.us/e-library/conferences/2008/crete/communications/57-com.pdf>
25. I.C. Vizitiu, I. Nicolaescu, P. Ciotîrnae, D.P. Munteanu and C. Molder, "Target Recognition Improvement using the Decision Fusion Between HRR and Video Imaginary", International NAUN Conference on Circuits, Systems and Signals 2008, Attica, Greece, June 1-3, **2008**, published in *Advances in Applied Mathematics, Systems, Communications and Computers*, pp.120-125, **ISBN 978-960-6766-69-5**, **ISSN 1790-2769**,  
**WOS:000257984000019**, **ISI Web of Science**, **IF=0.25**  
<http://naun.org/cms.action?id=119>, <http://www.wseas.us/e-library/conferences/2008/naun/cd/19.pdf>

## E. The List of the International Conference Papers

26. C.L. Leca, **P. Ciotîrnae**, C.I. Rîncu and I. Nicolaescu, "Characteristics of Crowdsourcing for Outdoor Radio Fingerprinting Positioning", 9<sup>th</sup> International Conference on Electronics, Computers and Artificial Intelligence ECAI 2017, June 29–July 01, **2017**, **IEEE Catalog** Number CFP1727U-ART, Vol. 9 – No. 1/2017 **ISSN** 1843-2115, **ISBN** 978-1-5090-6458-8, (**submitted to IEEE Xplore**)  
[http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/POSTER/ECAI-2017\\_paper\\_30.pdf](http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/POSTER/ECAI-2017_paper_30.pdf)
27. I. Firiceanu, I.F. Țone, **P. Ciotîrnae** and N. Lucaci, "Application for Library with Online Database Access, Architecture and Performance Analysis", 9<sup>th</sup> International Conference on Electronics, Computers and Artificial Intelligence ECAI 2017, June 29–July 01, **2017**, **IEEE Catalog** Number CFP1727U-ART, Vol. 9 – No. 1/2017 **ISSN** 1843-2115, **ISBN** 978-1-5090-6458-8, (**submitted to IEEE Xplore**)  
[http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/YOUNG/ECAI-2017\\_paper\\_75.pdf](http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/YOUNG/ECAI-2017_paper_75.pdf)
28. N. Lucaci, **P. Ciotîrnae**, I.F. Țone, and I. Firiceanu, "Specific Access Architecture for Computer Networks with AAA Server Solution", 9<sup>th</sup> International Conference on Electronics, Computers and Artificial Intelligence ECAI 2017, June 29–July 01, **2017**, **IEEE Catalog** Number CFP1727U-ART, Vol. 9 – No. 1/2017 **ISSN** 1843-2115, **ISBN** 978-1-5090-6458-8, (**submitted to IEEE Xplore**)  
[http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/IWSSC/ECAI-2017\\_paper\\_77.pdf](http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/IWSSC/ECAI-2017_paper_77.pdf)
29. A. Sandu, A. Digulescu, C. Ioana, I. Candel, A. Șerbănescu and **P. Ciotîrnae**, "Underwater acoustic object imaging using spatial matched filtering", OCEAN 17 Anchorage, September 18–21, **2017**, (**accepted**),  
<http://www.oceans17/IEEE/technical-program/>
30. V. Greu, **P. Ciotîrnae**, F. Popescu, I. Sima, "Interference Study and Algorithm With Interference Activity Evaluation Criteria Using Experimental Data to Optimize Wi-Fi Networks", 10-12 September 2015, 11<sup>th</sup> International Conference on Technical and Physical Problems of Electrical Engineering, ICTPE-2015, **ISSN** 2309-0553 Proceedings: **ISSN** 2309-0545 (**IDB Ranked**)  
<https://www.researchgate.net/publication/283497117>
31. V. Greu, **P. Ciotîrnae**, I. Sima, F. Popescu, „A New Algorithm for Optimizing IEEE 802.11 Network Based on Interference Activity Evaluation Criteria,” International Journal on “Technical and Physical Problems of Engineering”, (IJTPE), Published by International Organization of IOTPE, December 2015, Issue 25, Volume 7 Number 4, Pages 55-61, **ISSN** 2077-3528, <http://www.iotpe.com/IJTPE-2015/Issue25-Vol7-No4>
32. I.C. Vizitiu, **P. Ciotîrnae**, T. Oroian, A. Radu, F. Popescu, C. Avram, "Training of RFB Neural Networks using a Full-Genetic Approach", in WSEAS Transaction on Information Science and Applications, Issues 8, Volume 7, August **2010**, pp. 1015-1024, **ISSN** 1790-0832 (ACM, Scopus ranked), Indexed in Elsevier's SCOPUS, INSPEC  
<http://wseas.org/4046>, <http://www.worldses.org/journals/Vo7-2010.htm>
33. I.C. Vizitiu, **P. Ciotîrnae**, S. Spînu, "A Full-Genetic Approach to Train RBF Neural Networks", in MTA Review, Volume 20, No. 3, pp.177-194, Sept. **2010**, **ISSN** 1843-3391, [http://www.journal.mta.ro/vol13\\_articol119](http://www.journal.mta.ro/vol13_articol119)
34. **P. Ciotîrnae**, D. Siposan, R.D. Raicu, "A Connection Between Communication Within The Living World And Traffic Models For Laser Communication Systems", **ABSTRACT** in Lasers in Medical Science Journal No. 10103, **ISSN**: 0268-8921 (print version), **ISSN**: 1435-604X (electronic version), Volume 24, Supplement 1, October 2009, pp. 49-50, Digital Object Identifier: 10.1007/s10103-009-0735-7, Springer London, 2009, (ISI Thomson Reuters Ranked), **IF=2.29** <https://link.springer.com/journal/10103>
35. D. Siposan, **P. Ciotîrnae**, R.D. Raicu, "Improving the Quality of Stored Blood by Low-Level Laser Irradiation prior to Transfusion Procedures", in MTA Review, Volume 19, No. 3, pp.311-332, Sept. **2009**, **ISSN** 1843-3391, <http://www.journal.mta.ro/volum9/articol92>
36. I.C. Vizitiu and **P. Ciotîrnae**, "Genetic Procedure for Optimization of RBF Neural Network Center Positioning", in Transaction on Electronics and Communications, pp.91-94, Tom 53(67), Fascicola 1, **ISSN** 1583-3380 (CNCSIS B ranked), Index in Copernicus, Electronic Journals Library, Directory of Open Access Journals, Ulrich's, Cabells, [http://www.tc.etc.upt.ro/bulletin/pdf/2008vol53\\_67no1.pdf](http://www.tc.etc.upt.ro/bulletin/pdf/2008vol53_67no1.pdf)
37. D.P. Munteanu and **P. Ciotîrnae**, "Using MELP Technology in Military Applications", in MTA Review, Volume 18, No.3, pp.273-278, Sept. **2008**, **ISSN** 1843-3391, <http://www.journal.mta.ro/volum5/articol51>

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