FIŞA DE AUTOEVALUARE

a îndeplinirii standardelor minimale necesare şi obligatorii de prezentare la concurs pentru postul de **conferențiar universitar,** domeniul **Electronică, Telecomunicații și Nanotehnologie**[1]

Subsemnatul ROGOBETE Marius având documentul de identitate seria RD nr. 958227 data naşterii: an 1959 lună 09 zi 06 în calitate de candidat la concursul de ocupare a postului didactic de **conferențiar universitar**, Facultatea de Informatică, **Departamentul de Informatică**, disciplinele postului: **Arhitectura sistemelor de calcul, Inginerie software** poziţia 13 din statul de funcții, publicat în M. Of. al României nr. 1250, Partea a III-a, din 24.11.2022, declar pe proprie răspundere următoarele:

Cu privire la îndeplinirea cumulativă a condițiilor de prezentare la concurs pentru postul de **conferențiar universitar** în domeniul **Electronică, Telecomunicații și Nanotehnologie**, în conformitate cu prevederile Legii nr. 199/2023 a Educației Naționale, și prevederile din *Metodologia proprie cu privire la ocuparea posturilor didactice și de cercetare vacante a Universității Titu Maiorescu*:

1. Dețin diploma de licență în domeniul Informatica,
seria C, nr. 0415551, obținută la Universitatea Titu Maiorescu.

2. Dețin diploma de inginer (master) în domeniul Geologie si Geofizica,
seria C, nr. 201, obținută la Universitatea din Bucuresti.

3. Dețin diploma de doctor în domeniul Inginerie Electronica si Telecomunicatii,
seria J, nr. 0016209, obținută la Universitatea Academia Technica Militara Bucuresti.

4. Dețin certificatul de absolvire a unui program de formare psihopedagogică de nivel II, seria A, nr. 0019088, obținut la Universitatea Titu Maiorescu.

5. Cu privire la îndeplinirea cumulativă a standardelor minimale necesare și obligatorii de prezentare la concurs pentru postul de **conferențiar universitar** în domeniul **Electronică, Telecomunicații și Nanotehnologie**, aprobate prin OMENCS nr. 6129/2016, Anexa 11:

[1] **Se prezintă obligatoriu şi în format PDF, obținut prin *conversie* a fișierului Word sau Excel, semnat în clar, fără semnătură olografă (nu scanat)**.

Domeniul A1: Activitatea didactică și profesională

Activitatea didactică și profesională (A1)	Realizări	Punctaj/ realizare	Număr impus de realizări	Număr de realizări ale candidatului	Număr puncte
A1.1 Cărți de autor în edituri în edituri cu ISBN 50 / nr. de autori	1. Marius Rogobete - Tehnici steganografice și watermarking, Editura Economică, București 2017, ISBN 978-973-709-806-1	50	**1**	**3**	**83.2**
	2. Ciprian Răcuciu, Marius Rogobete, Madlena Nen – Criptografie și securitatea informației, editura Academie Tehnice Militare, București 2017, ISBN 978-973-640-255-5	16.6			
	3. Ilie Adrian Stoica, Adrian Ionuț Radu, Marius Rogobete - Comutatoare de putere, editura Matrix Rom, Partea I, București 2015, ISBN 978-606-25-0149-5	16.6			

Domeniul A2: Activitatea de cercetare

Activitatea de cercetare ştiinţifică (A2)	Realizări	Punctaj/ realizare	Număr impus de realizări	Număr de realizări ale candidatului	Număr puncte
A2.1 Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings (25+30* factor impact)/nr.autori Factor impact = 0.25 pt ISI proceedings	1. M. **Rogobete**,O. Tărăbuţă, A.D., Rogobete, S. Eftimie , "Using gravity potential field and inertial navigation system in real time submarine positioning", IOP Conference Series: Earth and Environmental Science, Volume 172, 2018, conference 1, DOI: 10.1088/1755-1315/172/1/012005, ISSN 1755-1315	**8**	**6**	**7**	**81**
	2. S. Eftimie, M. **Rogobete**, C. Racuciu, Quantifying security risks in the cloud environment in the quest for minimizing energy consumption, IOP Conference Series: Earth and Environmental Science, Volume 172, 2018, conference 1, DOI: 10.1088/1755-1315/172/1/012005, ISSN 1755-1315.	**10**			
	3. A. Semenescu, C. Babis, G. Iacobescu, M. **Rogobete** et al, Research on the Implementation of Cleaner Technologies for obtaining chemicals in relation to the environment, Revista de Chimie, Vol.68,no.4, Apryl 2017, ISSN 0034-7752 [Factor impact = 1.412*]	**11.2**			
	4. F Medeleanu, C Racuciu, M **Rogobete** - Considerations About The Possibilities To Improve AES S-Box Cryptographic Properties By Multiplication, Proceedings of Romanian Academy, Series A: Mathematics, physics, technical sciences, information science, volume 16, Special issue 2015, Cryptology	**25.7**			

	science, ISSN : 1454-9069 [Q2 – anexa 1] [Factor impact = 1.735*]				
	5. R. Vasil, FM. Frigura-Iliasa, M. Iorga,H. Filipescu, M. Rogobete, et al., Digital Image Processing and Recognition in Industrial and Public Environments, 2019 2ND INTERNATIONAL CONFERENCE OF INTELLIGENT ROBOTIC AND CONTROL ENGINEERING (IRCE 2019), DOI:10.1109/IRCE.2019.00015	**4.5**			
	6. M. Rogobete, M. I. Mihailescu and E. Marin, Ultra-Wideband Technology in Telematics Security - A short Survey, 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, doi: 10.1109/ECAI52376.2021.9515057 (confirmation letter anexa 3).	**10.8**			
	7. M. I. Mihailescu, S. L. Nita and M. G. Rogobete, Authentication Protocol for Intelligent Cars using Fog Computing and Software-Defined Networking, 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, doi: 10.1109/ECAI52376.2021.9515071 (confirmation letter anexa 3)	**10.8**			
A2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI) 20/nr de autori	1. M. **Rogobete**, E. Marin, Improved Authentication Method in Embedded Networks Systems. An Autonomous Vehicle Approach., Scientific Bulletin 'Mircea cel Batran' Naval Academy, 2020, Vol 23, Issue 1, p253, ISSN 2392-8956, DOI 10.21279/1454-864X-20-I1-035	10			**219.4**
	2. M**. Rogobete**, et al., System Architecture of Automotive Applications. An Introduction, International Conference:" The International Conference Education and Creativity for a Knowledge – based Society – COMPUTER SCIENCE, Vienna, Osterreichish Rumanischer Akademischer Verein, 2019, ISBN 978-3-9503145-5-7	3.3			
	3. M. **Rogobete**, O. Tarabuta, "Hashing and Message Authentication Code Implementation. An Embedded Approach", Scientific Bulletin of Naval Academy, Volume XXII 2019, ISSUE no.2, May 2019, ISSN: 2392-8956, doi: 10.21279/1454-864X-19-I2-035	10			

	4. **M. G. Rogobete**, "An improvement of the time method for signal approximation. Electrocardiogram case study," 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, Romania, 2022, pp. 1-7, doi: 10.1109/ECAI54874.2022.9847427	20			
	5. M. **Rogobete**, C. Racuciu, "Hyperparameters optimization for time varying signals", Naval Academy Scientific Bulletin, Volume XXII – 2019 – Issue 1, DOI: 10.21279/1454-864X-19-I1-027, ISSN: 2392-8956	10			
	6. M. **Rogobete**, Hash Function and Collision Resistance, International Conference Education and Creativity for a Knowledge Based Society, 12th Edition, Bucharest, November 2018, ISBN 978-3-9503145-5-7 pp 54.	20			
	7. M. **Rogobete**, C. Racuciu, AN AUTOMATIC METHOD FOR DIGITIZING BATHYMETRIC MAPS, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XX – 2017 – Issue 1, DOI: 10.21279/1454-864X-17-I1-083, ISSN: 2392-8956	10			
	8. Marius **Rogobete**, Marian Dumitrascu - Artificial Intelligence in Optimal Repartition of the Reactive Power, DAAAM Scientific Book 2016, Vol. 15, ISSN 1726-9687, ISBN 978-3-902734-09-9, DAAAM International Vienna, 2016	10			
	9. Marius **Rogobete**, Ciprian Răcuciu– Watermarking Protection for 3D Images, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XIX – 2016 – Issue 1, DOI: 10.21279/1454-864X-16-I1-083, ISSN: 2392-8956	10			
	10. Marius **Rogobete** Ciprian Răcuciu, Madlena Nen, - Digital image contents protection in media and games market, International, Österreichische Nationalbibliothek Wien, The International Conference Education and Creativity for a Knowledge – based Society – COMPUTER SCIENCE, Vienna, Osterreichish Rumanischer Akademischer Verein, 2016 ISBN 978-3-9503145-5-7	6.6			
	11. Marius **Rogobete**, Mihai Scutaru – Smart Utilities, “Methods for Effective Management and Research in Higher Education”, November 2016 Bucharest, ISBN 978-973-640-253-1, CIP 2016-25111.	10			

	12. Marius **Rogobete**, Ioan Pintilie, Mihai Scutaru – A Means of Allocating the MW requirement in an Electric Power System, DAAAM International Scientific Book 2015, chapter 25, pp. 229-310, B. Katalinic (Ed.), Published by DAAAM International, ISBN 978-3-902734-05-1, ISSN 1726-9687, Vienna, Austria, November 2015	6.6			
	13. Marius **Rogobete**, Ciprian Răcuciu - A Watermarking Framework for Image Protection. A case study, Symposium on Automated Systems and Technologies, St. Petersburg, Russia, May 2015, Leibniz Universität Hannover, Proceedings 2015	10			
	14. Marius **Rogobete**, Ciprian Răcuciu – Using Potential Field Analysis into Image Artifact Detection Field, Indian Journal of Research, Volume III, Issue V, May 2014	10			
	15. Marius **Rogobete**, Ciprian Răcuciu – Original methodology and algorithm able to identify visible noisy in still images and video stream, MegaByte Journal of Titu Maiorescu Univeristy, no.12/2012, Bucharest, 2012, ISSN 1841-7361	10			
	16. Marius **Rogobete**, Ciprian Răcuciu, Cristian-Gabriel Apostol, Dorin Marian Pîrloagă – An OOP method to update the digital watermarking application during running time, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XVI – 2013 – Issue 2,ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279	5			
	17. Dorin Marian Pîrloagă, Cristian-Gabriel Apostol, Marius **Rogobete**, Ciprian Răcuciu – Optimizing image classification using a neural network, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XVI – 2013 – Issue 2,ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279	5			
	18. Cristian-Gabriel Apostol, Marius **Rogobete**, Dorin Marian Pîrloagă, Ciprian Răcuciu – Using the chaos theory and dynamic keys in digital watermarking, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XVI – 2013 – Issue 2,ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279	5			

	19. A Szakács, I Seghedi, D Ioane, Z Pecskay, M **Rogobete** – Time-space evolution and magma production rates in the Calimani–Gurghiu–Harghita volcanic chains (East Carpathians, Romania), X-th RCMNS Congress, Bucharest - Romanian Journal of Stratigraphy, 76, Supplement No. 4, 24p, ISSN 2248-2563	5			
	20. Marian-Dorin PÎRLOAGĂ, Ciprian RĂCUCIU, Emil CREȚU, Marius **ROGOBETE** - Optimizing face recognition in images, Revista Academiei Forțelor Aeriene ‘’Henri Coandă’’- Brașov ISSN 2069-4733 , B ISSN 1842-9238, pag. 123 – 133, Vol. XIII, No 1 (28)/2015	5			
	21. Marian-Dorin PÎRLOAGĂ, Ciprian RĂCUCIU, Emil CREȚU, Marius **ROGOBETE** - PCA versus LDA in implementing of neural classifiers for face recognition, Revista Academiei Forțelor Aeriene ‘’Henri Coandă’’- Brașov ISSN 2069-4733 , B ISSN 1842-9238, pag. 123 – 133, Vol. XIII, No 1 (28)/2015	5			
	22. M **ROGOBETE**, Ciprian RĂCUCIU, Marian-Dorin PÎRLOAGĂ, Florin MEDELEANU – Image Protection. A Framework Proposal, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XVIII – 2015 – Issue 2, ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279	5			
	23. Marius **ROGOBETE**, Ciprian RĂCUCIU, Marian-Dorin PÎRLOAGĂ, Florin MEDELEANU – Using Hide Watermark in Visual Watermark extraction. Advantages. Algorithm, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XVIII – 2015 – Issue 1, ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279	5			
	24. Marian-Dorin PÎRLOAGĂ, Marius **ROGOBETE**, Ciprian RĂCUCIU, Florin MEDELEANU – Recognition of faces in the crowd using biometric technologies mixed, “Mircea cel Batran” Naval Academy Scientific Bulletin, Volume XVIII – 2015 – Issue 1, ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279	5			
	25. M D Pîrloagă , M **Rogobete** , E Creţu, C Răcuciu, Optimal classification for RBF Using Face Recognition, Scientific Bulletin of Mircea cel Batran Naval Academy holds, 2015 B ISSN -1454-864X SEA CONF 2015 Conference	5			

		26. Atanasiu, L., Rosca V., **Rogobete**, M., A three-dimensional modelling of the East Carpathian Bend: 1st Congress of Balkan Geophysical Society, Abstr. Book, 266- 267, Athens,1996, ISSN: 1302-1672	6.6			
		27. Ioane, D., Seghedi, A., Stanchievici, B., Rosca, V., Neaga, V., Moroz, V., Romanov, L., Balea, A., Andrei, C., Ivanov, A., Scurtu, S., Asimopolos, L., **Rogobete**, M., Udrescu, C. & Stoian, M. 1996. Integrated Geological and Geophysical Investigations in the Area of Predobrogea Depression (Scythian Platform) and of North Dobrogea Orogen, in Order to Decipher the Deep Structure. Archives of the Geological Institute of Romania, Research Report, Bucharest, 1996, ISSN 0250-2933	1.3			
		28. M. Ghiţă, G. Manea, M. **Rogobete**, C.-M. Mantu, 'Micromagnetic Research at the Cucuteni Settlement of Scânteia, Iaşi," in "CAA 96: Computer Applications and Quantitative Methods in Archaeology (BAR International Series)", ed. K. Lockyear, T. J. T. Sly, V. Mihailescu –Bîrliba , Series: BAR International Series (Book 845, Irregular ISSN: 0143-3067) , Publisher: British Archaeological Reports (January 1, 2000), ISBN-10: 1841710490, ISBN-13: 978-1841710495.	5			
A2.3 Proprietate intelectuală, brevete de invenție, certificate ORDA	A2.3.1 Internaționale	Certificat de inovare pentru aplicatia cu titlul "Stiva Bluetooth integrata in aplicatii embeded de transmisii de date, imagini si sunet." (anexa 6)				
A2.4 Granturi / proiecte castigate prin competitie sau Contracte cu agenti economici de minim 10000 $	A2.4.1.1 Internationale-director/responsabil 20*ani de desfasurare	1. Bluetooth ROOD (1.8 ani), responsabil proiect (anexa 4)	**36**			**70**
		1. Freescale Romania (1.7 ani), responsabil proiect (anexa 5)	**34**			
Total puncte A.2 (minim 300 puncte)						**370.4**

*https://uefiscdi.gov.ro/resource-84889?&wtok=c8e7e097fead370f9a9076f4638c1f90c3e5fbe1&wtkps=XY9RDoIwEETvst9Su6WFstzBmHgC0oI2FEsoSILx7gJ+GP2bzM6bzVSU0TOSIpjH1kcoHWGuuZRSlJFSgugsbKogENpYJXpvenWrprGrvI9LUFmbLEujY4JxmPOl2OJI4OBTgIi7kxNY29/Pl2Oac6GF5kpvB7Fmv84BJeqUC675TqmdOv0xyNfen6BYB9T7x1V1wU6+ZmG4sqluXDTWsYerZ1YNozPBQ/l6Aw==&wchk=00e66e839299300c8cd394ea9a084fd1f06b432b

Domeniul A3: Recunoașterea și impactul activității

Recunoasterea si impactul activitatii (A3)		Realizări	Punctaj/ realizare	Număr impus de Realizări (A3.1.1+A3.1.2)	Număr de realizări ale candidatului (A3.1.1+A3.1.1.2)	Număr puncte
A3.1 Citări in carti, reviste si volume ale unor manifestari Stiintifice 8/nr de autori articol citat	A3.1.1 Carti, ISI	***I)*** *A. Szakács, D. Ioane, I. Seghedi, M.* ***Rogobete****, Z. Pécskay - Rates of migration of volcanic activity and magma output along the Calimani-Gurghiu-Harghita volcanic range, East Carpathians, Romania – Przeglad Geologiczny, PANCARDI meeting abstracts, 45(10):1106, 1997, Poland, ISSN: 0033-2151*		**10 ISI**	**14 ISI + 13 BDI**	**22.86**
		1. J Lexa, I Seghedi, K Németh, A Szakács, V Kone, Z Pécskay, A Fülöp, M Kovacs, Neogene-Quaternary Volcanic forms in the Carpathian-Pannonian Region: a review, Central European Journal of Geosciences, 2(3), 2010, 207-270, ISSN 2391-5447, DOI: 10.2478/v10085-010-0024-5	**1.6**			
		2. I Seghedi, A Szakács, Z Pécskay, Eruptive history and age of magmatic processes in the Calimani volcanic structure (Romania), PRD Mason - Geologica Carpathica, 2005, ISSN 1335-0552	**1.6**			
		3. A Szakács, I Seghedi, Z Pécskay, V Mirea, Eruptive history of a low-frequency and low-output rate Pleistocene volcano, Ciomadul, South Harghita Mts., Romania - Bulletin of Volcanology, 2015 - Springer, ISSN: 0258-8900	**1.6**			
		4. D Karátson, T Telbisz, S Harangi, E Magyari… , Morphometrical and geochronological constraints on the youngest eruptive activity in East-Central Europe at the Ciomadul (Csomád) lava dome complex, East - Journal of Volcanology and Geothermal Research, Volume 255, 1 April 2013, Pages 43-56, ISSN: 0377-0273	**1.6**			

		5. I Seghedi, A Szakacs, NJ Snelling… ,Evolution of the Neogene Gurghiu Mountains volcanic range (Eastern Carpathians, Romania), based on K-Ar geochronology - Geologica Carpathica, 55, 4, Bratislava, August 2004, 325-332, ISSN 1335-0552	**1.6**			
		6. D Karátson, G Timár, Comparative volumetric calculations of two segments of the Carpathian Neogene/Quaternary volcanic chain using SRTM elevation data: implications for … - Zeitschrift für Geomorphologie Supplementary Issues 140:19-35, January 2005, ISSN 0372-8854	**1.6**			
		7. K Molnár, S Harangi, R Lukács, I Dunkl…, The onset of the volcanism in the Ciomadul Volcanic Dome Complex (Eastern Carpathians): eruption chronology and magma type variation, Journal of Volcanology and Geothermal Research, Volume 354, 1 April 2018, Pages 39-56, ISSN ISSN: 0377-0273	**1.6**			
		8. VC Honour, KM Goodenough, RA Shaw, I Gabudianu…, REE mineralisation within the Ditrău Alkaline Complex, Romania: Interplay of magmatic and hydrothermal processes, Lithos, Volumes 314–315, August 2018, Pages 360-381, ISSN: 0024-4937	**1.6**			
		9. I Seghedi, V Mirea, RG Popa, A Szakács, Tectono-magmatic characteristics of post-collisional magmatism: Case study East Carpathians, Călimani-Gurghiu-Harghita volcanic range, Physics of the Earth and Planetary Interiors, Volume 293, August 2019, ISSN: 0031-9201	**1.6**			
		II) *A Szakács, I Seghedi, D Ioane, Z Pecskay, M* ***Rogobete*** *– Time-space evolution and magma production rates in the Calimani–Gurghiu–Harghita volcanic chains (East Carpathians, Romania), X-th RCMNS Congress,*				

		Bucharest - Romanian Journal of Stratigraphy, 76, Supplement No. 4, 24p, ISSN 2248-2563				
		10. I Seghedi, I Balintoni, A Szakacs, Interplay of tectonics and neogene post-collisional magmatism in the intracarpathian region - Lithos, Elsevier, Volume 45, Issues 1–4, December 1998, Pages 483-497, ISSN 0024-4937	**1.6**			
		11. J Lexa, I Seghedi, K Németh, A Szakács, V Kone, Z Pécskay, A Fülöp, M Kovacs, Neogene-Quaternary Volcanic forms in the Carpathian-Pannonian Region: a review, Central European Journal of Geosciences, 2(3), 2010, 207-270, ISSN 2391-5447, DOI: 10.2478/v10085-010-0024-5	**1.6**			
		12. DM Mucuta, CC Knapp, JH Knapp,Constraints from Moho geometry and crustal thickness on the geodynamic origin of the Vrancea Seismogenic Zone (Romania), Tectonophysics Elsevier, Volume 420, Issues 1–2, 26 June 2006, Pages 23-36, ISSN: 0040-1951	**1.6**			
		III) *S. Eftimie, M.* ***Rogobete****, C. Racuciu, Quantifying security risks in the cloud environment in the quest for minimizing energy consumption, IOP Conference Series: Earth and Environmental Science, Volume 172, 2018, conference 1, DOI: 10.1088/1755-1315/172/1/012005, ISSN 1755-1315.*				
		13. O. Ivanchenko, V. Kharchenko, B. Moroz, L. Kabak and S. Konovalenko, "Risk Assessment of Critical Energy Infrastructure Considering Physical and Cyber Assets: Methodology and Models," 2018 IEEE 4th International Symposium on Wireless Systems within the International Conferences on Intelligent Data Acquisition and Advanced Computing Systems (IDAACS-SWS), Lviv, 2018, pp. 225-228, DOI: 10.1109/IDAACS-SWS.2018.8525594	**2.66**			
		V) *A. Semenescu, C. Babis, G. Iacobescu, M.* ***Rogobete*** *et al, Research on the Implementation of Cleaner Technologies for obtaining chemicals in relation to the environment, Revista de Chimie, Vol.68,no.4, Apryl 2017, ISSN 0034-7752*				

		14. O NICULESCU, L ALBU, M C LOGHIN, C GAIDAU, ..., Selection and Characterization of Some Essential Oils for the Treatment of Medical Furs, Revista de Chimie, Vol.70, no.2, 2019, ISSN 0034-7752	**1**			
	A3.1.2 BDI 4/nr de autori articol citat	**I)** *A. Szakács, D. Ioane, I. Seghedi, M.* ***Rogobete****, Z. Pécskay - Rates of migration of volcanic activity and magma output along the Calimani-Gurghiu-Harghita volcanic range, East Carpathians, Romania – Przeglad Geologiczny, PANCARDI meeting abstracts, 45(10):1106, 1997, Poland, ISSN: 0033-2151*				**16.3**
		15. D Karátson, G Timár, AZ EPERJES-TOKAJI-ÉS A KELEMEN-GÖRGÉNYI-HARGITA VULKÁNI VONULAT ÖSSZEHASONLÍTÓ TÉRFOGATSZÁMÍTÁSA SRTM-ADATOK ALAPJÁN …, https://www.academia.edu/3614064	**0.8**			
		25. VC Honour, KM Goodenough, RA Shaw, IG Radulescu…, The evolution of REE mineralisation within the Ditrău Alkaline Complex, Romania: interplay of magmatic and hydrothermal processes, EarthArXiv, DOI: 10.1016/j.lithos.2018.05.029	**0.8**			
		16. G IVAN, I CARAGEA, A GASTESCU, D IOANE, Detailed magnetic surveys for mineral groundwater in an active postvolcanic environment: St. Ana-Balvanyos area …, GEO2015 – ESG Project Section -20 November 2015, Bucharest	**0.8**			
		II) *M.* ***Rogobete****, Hash Function and Collision Resistance, International Conference Education and Creativity for a Knowledge Based Society, 12th Edition, Bucharest, November 2018, ISBN 978-3-9503145-5-7 pp 54.*				
		17. NF Antonie, C Răcuciu, F Medeleanu… - Environment friendly population records system using biometric data and anonymous signatures, Scientific Bulletin "Mircea cel Batran" Naval Academy; Constanta Vol. 22, Iss. 1, (2019): 1-11. DOI:10.21279/1454-864X-19-I1-015	**4**			
		IV) *M* ***Rogobete****, I Pintilie, M Scutaru – A Means of Allocating the MW requirement in an Electric Power System, DAAAM International Scientific Book 2015,*				

		chapter 25, pp. 229-310, B. Katalinic (Ed.), Published by DAAAM International, ISBN 978-3-902734-05-1, ISSN 1726-9687, Vienna, Austria, November 2015				
		18. Kafol, Ciril & Bregar, Andrej & Trilar, Jure. (2018). Blockchain for Energy Utilities. 10.2507/daaam.scibook.2018.15., ISSN 1726-9687	**1.3**			
		V) *M* ***ROGOBETE****, Ciprian RĂCUCIU, Marian-Dorin PÎRLOAGĂ, Florin MEDELEANU – Image Protection. A Framework Proposal, "Mircea cel Batran" Naval Academy Scientific Bulletin, Volume XVIII – 2015 – Issue 2, ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279*				
		19. Pirloaga, Marian Dorin, The Implementation of Biometric Technologies for Military Recognition Systems (June 1, 2016). National Strategies Observer No.2/Vol.2, 2015. Available at SSRN: https://ssrn.com/abstract=2787737	**1**			
		VI) *Marius* ***ROGOBETE****, Ciprian RĂCUCIU, Marian-Dorin PÎRLOAGĂ, Florin MEDELEANU – Using Hide Watermark in Visual Watermark extraction. Advantages. Algorithm, "Mircea cel Batran" Naval Academy Scientific Bulletin, Volume XVIII – 2015 – Issue 1, ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279*				
		20. Pirloaga, Marian Dorin, The Implementation of Biometric Technologies for Military Recognition Systems (June 1, 2016). National Strategies Observer No.2/Vol.2, 2015. Available at SSRN: https://ssrn.com/abstract=2787737	**1**			
		VII) *M-D PÎRLOAGĂ, M* ***ROGOBETE****, C RĂCUCIU, F MEDELEANU – Recognition of faces in the crowd using biometric technologies mixed, "Mircea cel Batran" Naval Academy Scientific Bulletin, Volume XVIII – 2015 – Issue 1, ISSN: 2392-8956; ISSN-L: 1454-864X; DOI: 10.21279*				
		21. Pirloaga, Marian Dorin, The Implementation of Biometric Technologies for Military Recognition Systems (June 1, 2016). National Strategies Observer No.2/Vol.2, 2015. Available at SSRN: https://ssrn.com/abstract=2787737	**1**			

		VIII) *Atanasiu, L., Rosca V.,* ***Rogobete****, M., A three-dimensional modelling of the East Carpathian Bend: 1st Congress of Balkan Geophysical Society, Abstr. Book, 266- 267, Athens,1996, ISSN: 1302-1672*				
		22. D Ioane, D Ion, A 3D crustal gravity modelling of the Romanian territory, Journal of the Balkan Geophysical Society, Vol 8, No 4, November 2005	**1.3**			
		23. D Ioane, C Calota, D Ion, Deep geological structures as revealed by 3D gravity stripping: western part of the Moesian Platform, Romania, Journal of the Balkan Geophysical Society, Vol 8, No 3, August 2005	**1.3**			
		IX) *M. Ghiţă, G. Manea, M.* ***Rogobete****, C.-M. Mantu, 'Micromagnetic Research at the Cucuteni Settlement of Scânteia, Iaşi," in "CAA 96: Computer Applications and Quantitative Methods in Archaeology (BAR International Series)", ed. K. Lockyear, T. J. T. Sly, V. Mihailescu – Bîrliba , Series: BAR International Series (Book 845, Irregular ISSN: 0143-3067) , Publisher: British Archaeological Reports (January 1, 2000), ISBN-10: 1841710490, ISBN-13: 978-1841710495.*				
		24. D Micle, L Măruia, M Török-Oance… , Archaeological geomorphometry and geomorphography. Case study on Cucuteni-an sites from Ruginoasta and Scânteia, Iaşi County, Romania, Annales d'Université Valahia Targoviste, Section d'Archéologie et d'Histoire, Tome XII, Numéro 2, 2010, p.23-37, ISSN: 1584-1855	**1**			
		25. CM LAZAROVICI, C MISCHKA, Geomagnetic prospections in the site of Scânteia, Arheologia Moldovei, 39, 2016, p. 313-331, ISSN 0066-7358.	**1**			
		X) *M D Pîrloagă , M* ***Rogobete*** *, E Creţu, C Răcuciu, Optimal classification for RBF Using Face Recognition, Scientific Bulletin of Mircea cel Batran Naval Academy holds, 2015 B ISSN -1454-864X SEA CONF 2015 Conference*				

		26. M Pirloaga, The Implementation of Biometric Technologies for Military Recognition Systems (June 1, 2016). National Strategies Observer No.2/Vol.2, 2015. Available at SSRN: https://ssrn.com/abstract=2787737.	**1**			
A3.2 Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI	**A32.1 ISI 10 puncte**	- membru al "Digital Signal Processing", Elsevier B.V., ISSN: 1051-2004 [anexa 2]	**10**		3	**30**
		- membru al "SEA-CONF" Conference of "Mircea cel Batran" Naval Academy, www.anmb.ro/ro/conferinte/sea-conf/scientific_committee.html	**10**			
		- membru in comitetului stiintific al Air Force Academy "Henri Coanda", Brasov, Romania, ISSN 1842-9238, ns.afahc.ro/ro/revista/review_scientific.html	**10**			
Total puncte A.3 (minim 50 puncte)						**69.16**

Condiţii minimale obligatorii (A_i)

Nr. crt.	**Domeniul de activitate**	**Condiţii minimale obligatorii conferenţiar**	**Aprecierea candidatului**
A1	Activitatea didactică/profesională (A1)	50 puncte	**83.20**
A2	Activitatea de cercetare (A2)	300 puncte	**370.40**
A3	Recunoaşterea şi impactul activităţii (A3)	50 puncte	**69.16**
Total (A)		**400 puncte**	**522.76**

Condiţii minimale obligatorii pe subcategorii

Nr. crt.	**Subcategorie**	**Condiţii minimale obligatorii conferenţiar**	**Aprecierea candidatului**
A1.1.1 A1.2.1	Cărţi de specialitate	1 carte/capitol ca autor	**3**
A2.1	Articole în reviste cotate ISI şi în volumele unor manifestări ştiinţificeindexate ISI proceedings.	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[10]	**7**
A2.4.1	Granturi/proiecte de cercetare câştigate prin competiţie (Director/Responsabil partener)	1	**2**
A3.1.1	Număr de citări în cărţi, reviste cotate ISI şi în volume ale unor manifestări ştiinţifice ISI (WOS) [11]	10	**14**
	Factor de impact ISI cumulat pentru publicaţii [12]	4	**4.897****

** Conform https://uefiscdi.gov.ro/resource-84889?&wtok=c8e7e097fead370f9a9076f4638c1f90c3e5fbe1&wtkps=XY9RDoIwEETvst9Su6WFstzBmHgC0oI2FEsoSILx7gJ+GP2bzM6bzVSU0TOSIpjH1kcoHWGuuZRSlJFSgugsbKogENpYJXpvenWrprGrvI9LUFmbLEujY4JxmPOl2OJI4OBTgIi7kxNY29/Pl2Oac6GF5kpvB7Fmv84BJeqUC675TqmdOv0xyNfen6BYB9T7x1V1wU6+ZmG4sqluXDTWsYerZ1YNozPBQ/l6Aw==&wchk=00e66e839299300c8cd394ea9a084fd1f06b432b, am F.I. cumulat 5 x 0.25 + 1.412 + 1.735 = 4.397, plus certificatul de innovator de la Rood (anexa 6), 4.397 + 0.5 = 4.897.

[1] Capitolul de carte editată trebuie sa NU fie într-un volum de conferință (cu ISBN), și se punctează cu 1/4 din punctajul pentru cartea de categoria respectivă.
[2] Dacă cartea respectivă se regăsește în cel puțin 50 de biblioteci din străinătate conform catalogului WorldCat.
[3] Se consideră factorul de impact ISI al revistei valabil în anul publicării sau la data depunerii dosarului. Pentru volumele manifestărilor ISI se considera factorul de impact echivalent 0,25; Se consideră factorul de impact echivalent 0,75 pentru volumele conferințelor internaționale de top (cele de nivel 2 sau mai mare din lista agreată de comisia CNATDCU și indicată in nota de subsol 10).
[4] Pentru domeniul Inginerie Electronică, Telecomunicații si Tehnologii Informaționale sunt recunoscute următoarele baze de date internaționale (BDI): ISI, Scopus, IEEE (Institute of Electrical and Electronics Engineers) Xplore, Science Direct, Elsevier, Springerlink, ACM (Association for Computing Machinery), DBLP, EURASIP.
[5] Se dublează punctajul dacă rezultatul este înregistrat la WIPO, EPO, USPTO, JPO.
[6] Nu se consideră în această categorie proiecte/granturi care nu prezintă un caracter predominant de cercetare;
Se consideră numai proiecte/granturi, relevante pentru profilul postului scos la concurs/domeniul de abilitare;
Candidatul va atașa documente care să demonstreze caracterul de cercetare al proiectului
[7] Se exclud autocitările (auto-citarea se referă la situația în care numele candidatului apare simultan atât printre numele autorilor referinței bibliografice în cauză cât și printre numele autorilor articolului care citează, conform WOS https://images.webofknowledge.com/WOKRS523R4/help/WOS/hs_crsearch_self_citations.html)
[8] Se dublează punctajul dacă citarea provine dintr-o revistă cotată ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI).
[9] Nu se consideră calitatea de recenzor al unor articole individuale.
[10]Revistă cotată ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI). Situația revistelor în top 25-50% (Q1,Q2) se consideră fie la momentul publicării, fie la data înscrierii la concurs; una și numai una dintre lucrările necesare poate fi echivalată cu: (un brevet de invenție indexat WOS-Derwent) sau (1 articol în conferințe internaționale de top în domeniul de abilitare de nivel 2 sau mai mare sau minimum 3 articole în conferințe de nivel 1 în clasificarea Julkaisu Publication Forum https://www.tsv.fi/julkaisufoorumi/haku.php?lang=en).
[11]Lucrarea citată nu este obligatoriu să fie indexată WOS.
[12]Pentru brevete se consideră factorul de impact echivalent 0.5, pentru celelalte publicații conform notei de subsol 3.
Notă: Comisia de concurs va aprecia îndeplinirea condițiilor minimale obligatorii pe subcategorii privind calitatea și relevanța acestora pentru postul în concurs.

6. Am ataşat la dosarul de concurs cursul universitar/suportul de curs elaborat de mine pentru fiecare dintre disciplinele de predare din postul pentru care mă înscriu la concurs, în format tipărit și în format electronic, conform *Metodologiei proprii cu privire la ocuparea posturilor didactice și de cercetare vacante a Universității Titu Maiorescu* după cum urmează:

În funcție de numărul disciplinelor de predare din postul scos la concurs -

1. Arhitectura Sistemelor de Calcul
2. Inginerie Software

Îndeplinesc standardul: [X] **DA** [ ] **NU**

Confirm prin prezenta că datele mai sus menţionate sunt reale şi se referă la propria mea activitate profesională şi ştiinţifică.

Semnatura,

Marius Rogobete

Anexa 1

SCIE JCR_2016 Q1-Q4 (Science).p

Not secure | library.utem.edu.my/images/PDF/SCIE%20JCR_2016%20Q1-Q4%20(Science).pdf

Q2	2061	AQUATIC MICROBIAL ECOLOGY	AQUAT MICROB ECOL	0948-3055	1.633
Q2	2061	COMPUTER STANDARDS & INTERFACES	COMPUT STAND INTER	0920-5489	1.633
Q2	2061	JOURNAL OF ECONOMETRICS	J ECONOMETRICS	0304-4076	1.633
Q2	2064	Desalination and Water Treatment	DESALIN WATER TREAT	1944-3994	1.631
Q2	2065	JOURNAL OF MAMMALOGY	J MAMMAL	0022-2372	1.630
Q2	2066	CROP SCIENCE	CROP SCI	0011-183X	1.629
Q2	2067	JOURNAL OF ADHESION	J ADHESION	0021-8464	1.628
Q2	2067	Journal of Plant Interactions	J PLANT INTERACT	1742-9145	1.628
Q2	2069	EUPHYTICA	EUPHYTICA	0014-2336	1.626
Q2	2070	JOURNAL OF POROUS MATERIALS	J POROUS MAT	1380-2224	1.624
Q2	2070	Tree Genetics & Genomes	TREE GENET GENOMES	1614-2942	1.624
Q2	2072	Proceedings of the Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science	P ROMANIAN ACAD A	1454-9069	1.623
Q2	2072	iForest-Biogeosciences and Forestry	IFOREST	1971-7458	1.623
Q2	2074	EUROPEAN JOURNAL OF ORTHODONTICS	EUR J ORTHODONT	0141-5387	1.622
Q2	2074	JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE	J ALTERN COMPLEM MED	1075-5535	1.622
Q2	2076	INVERSE PROBLEMS	INVERSE PROBL	0266-5611	1.620

QUARTILE	Rank	Full Journal Title	JCR Abbreviated Title	ISSN	Journal Impact Factor

Anexa 2


ELSEVIER
Digital Signal Processing
Digital Signal Processing
Certificate of Reviewing
Awarded for 39 reviews between March 2016 and December 2023
presented to
MARIUS ROGOBETE
in recognition of the review contributed to the journal
The Editors of Digital Signal Processing
Elsevier Reviewer
RECOGNITION

Annex 3 – Confirmation Letter

13th INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE, ECAI 2021

Technical sponsorship of the IEEE ROMANIA SECTION IEEE INDUSTRY APPLICATIONS SOCIETY

CONFIRMATION LETTER

Dear Dr. Marius Rogobete,

This Confirmation Letter is sent by the organizer of INTERNATIONAL CONFERENCE on Electronics, Computers and Artificial Intelligence (ECAI) to confirm that the following papers published in the "Proceedings of the 13th International Conference on Electronics, Computers and Artificial Intelligence - ECAI-2021" will be soon indexed in Web of Science :

M. Rogobete, M. I. Mihailescu and E. Marin, ***"Ultra-Wideband Technology in Telematics Security - A short Survey"*** 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, doi: 10.1109/ECAI52376.2021.9515057.

M. I. Mihailescu, S. L. Nita and M. G. Rogobete, ***"Authentication Protocol for Intelligent Cars using Fog Computing and Software-Defined Networking"*** 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, doi: 10.1109/ECAI52376.2021.9515071.

Thank you and congratulations to your contribution to ECAI'2021.

Best regards,
University of Pitesti
General chair: NICU BIZON
Program Chairs: MIHAI OPROESCU and MIHAI ARVA

SOCIETATEA COMERCIALA ECAI Conference PITESTI-ARGES

Anexa 4 (1/2)

ROOD TECHNOLOGY

Rood Technology Deutschland GmbH + Co
Oettinger Straße 6
D-86720 Nördlingen
Tel: +49(0) 9081 8014 – 0
Fax: +49(0) 9081 8014 – 208

Internet http://www.roodtechnology.com

Rood Technology Deutschland GmbH + Co • Oettinger Straße 6 • D-86720 Nördlingen

September 30, 2004

Letter of Attestation for International R&D Project Manager

This note is to confirm that **Mr. Marius Rogobete** born at September 6, 1959 was Project Manager at our company on the Embedded Project for Bluetooth Application that was completed successfully in July 2004 (starting with January 2002), within a budget of 140000 Euros.

The project was to develop hardware and software for a very original application able to send and receive data from/to an embedded device to/from a PC via Bluetooth technique.

It has researched the behavior of Philips Bluetooth Daughter Cards (BTDCs) for different upper stack profiles implemented on embedded device and PC.

Hardware configuration

- P89C51RD2 Philips µC connected with:
  keyboard with 15 keys
  4*16 digits LCD
  Bluetooth Daughter Card (BTDC)
- PC connected with Bluetooth Daughter Card (BTDC).

Software configuration

- Upper stack for µC (research profiles behavior for HCI commands, RFCOMM and OBEX) including special additional functions, handle the information from/to keyboard and LCD.
- PC's upper stack (studding profiles: L2CAP, SDP, RFCOMM, OBEX, FTP, OPP - compliant Bluetooth Specification, Version 1.1) using client-server Microsoft software technology.

The µC upperstack read a string from the 15 keys keyboard (0-9, +, *, Table, Transmission, Cancel). It is transmitted to the master Bluetooth unit (PC Bluetooth connection).

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On the PC, the received string is analyzed, and the resulted information is extracted from database that is sent back to embedded device for operator validation. Then, the new validated data is sent again to PC for database update.

Duties included coordination of a team of two electronic engineers, one physicist, two software developers and a fault analysis specialist and project budget management.

I declare that the above statements are true and accurate to the best of my knowledge, information and belief.

ROOD TECHNOLOGY DEUTSCHLAND GMBG + Co

Dr. Anton Kotz

Managing Director

Sitz: Nördlingen
Registergericht Augsburg HRA 12642

UST-Id.Nr. (VAT) 181235496

Komplementär: Rood Technology Deutschland Beteiligungs GmbH
Sitz: Nördlingen – Reg. Ger. Augsburg HRB 15299
Geschäftsführer: Dr. Anton Kots, Wolfgang Wagner

HypoVereinsbank (BLZ 72223182) Kto 4 924 185
Deutsche Bank (BLZ 613 70086) Kto 1 134 550
Dresdner Bank (BLZ 76080040) Kto 750 770 700
Raif.-Volksbank (BLZ 72069329) Kto 60 100

Anexa 5

Bucharest, December 17, 2010

Research and Development Project Attestation

Since May 2007 Mr. Marius Rogobete was the project manager of the research and development project with title "Integration of the Pattern Match Engine in SNORT application" with a budget of 120 000 euros. The project was finished successfully in January 2009.

The main goal of the project was to research the "Pattern Match Engine 2.0" behavior when it is working on the P2040 QorIQ Integrated Processor.

In this reason, the research has started with the design, develop and test applications using 8572 Freescale processor. Therefore, the Pattern Match Engine chip was integrated in SNORT open source application and then, using the system 8572 processor , a benchmarking configuration was developed, using specific IXIA devices (e.g. SmartBit).

Finally, this project was able to give solutions for design integration of Pattern Match Engine into P2040/P2041 platform, proving that one chip solution is the best solutions for snorting networking processes.

Head of R&D Department,

Razvan Ungureanu

FREESCALE SEMICONDUCTOR ROMANIA S.R.L.
Cod fiscal: 9582573
Număr de înregistrare: J40/5082/1997

BD. Tudor Vladimirescu, Nr. 45, Et.10, Sect. 5, BUCUREŞTI, CP 50883
Phone: 021-305 2400

Anexa 6

ROOD TECHNOLOGY

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CERTIFICATE of INNOVATION

This is to certify that

MARIUS ROGOBETE

Technical Project Manager at our company for Bluetooth Application, is recorded as a co-author of the innovation with the title

"Bluetooth stack integrated in the embedded application for the transmission of data, images and voice".

September 20, 2004

Dr. Anton Kotz
Managing Director

Sitz: Nördlingen
Registergericht Augsburg HRA 12642

UST-Id.Nr. (VAT) 181235496

Komplementär: Rood Technology Deutschland Beteiligungs GmbH
Sitz: Nördlingen – Reg. Ger. Augsburg HRB 15299
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HypoVereinsbank (BLZ 72223182) Kto 4 924 185
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Raif.-Volksbank (BLZ 72069329) Kto 60 100