

LISTA DE LUCRĂRI¹
a candidatului Marius G. ROGOBETE

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări menționate mai jos (cu referințe bibliografice complete):

R1. 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

R2. M. Rogobete, O. Tărăbuță, 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

R3. 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

R4. Marius Rogobete, Ciprian Răcuciu - A Watermarking Framework for Image Protection. A case study, Symposium on Automated Systems and Technologies, St. Petersburg, Russia, May 2015

R5. Marius Rogobete, Ciprian Răcuciu, Emanuel Rădoi - Artifact identification in video stream frames, Education and Creativity for a Knowledge Society, International Conference, 7th edition, November 2013, Bucharest

R6. Marius Rogobete, Ciprian Răcuciu – Using Potential Field Analysis into Image Artifact Detection Field, Indian Journal of Research, Volume III, Issue V, May 2014

R7. Marius Rogobete, Ciprian Răcuciu - Cryptographic Extension Key for Watermark Encoding, Education and Creativity for a Knowledge Society, International Conference, 8th edition, November 2014, Bucharest

R8. Marius Rogobete – First and second order image statistics in specific image artifact detection, International Conference of Innovative Technologies, September 26 - 29, 2012, Croatia

R9. 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

R10. 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

2. Teza/tezele de doctorat:

T1. Eficientizarea tehnicilor de watermarking în imagini

3. Brevete de invenție și alte titluri de proprietate intelectuală:

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4. Cărți și capitole în cărți:

C1. Ilie Adrian Stoica, Adrian Ionuț Radu, Marius Rogobete - Comutatoare de putere, editura Matrix Rom, ISBN 978-606-25-0149-5, Partea I, București, 2015

C2. Ciprian Răcuciu, Marius Rogobete, Madlena Nen – Criptografie și securitatea informației, editura Academie Tehnice Militare, București, 2016, ISBN 978-973-640-255-5

¹ Se prezintă obligatoriu și în format PDF, obținut prin conversie a fișierului Word sau Excel, cu semnătura în clar, fără semnătura olografă (nu scanat).

C3. Marius Rogobete - Tehnici steganografice și watermarking, Editura Economică, București 2017, ISBN 978-973-709-804-7.

5. Articole/studii *in extenso*, publicate în reviste din fluxul științific internațional principal:

- A1. M. **Rogobete**, O. Tărăbuță, 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
- A2. 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.
- A3. 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, April 2017, ISSN 0034-7752
- A4. 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
- A5. 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
- A6. 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
- A7. 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
- A8. 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
- A9. Marius **Rogobete**, Ioan Pintilie, Mihai Scutaru – A Means of Allocating the MW requirement in an Electric Power System, DAAM 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
- A10. Marius **Rogobete**, Ciprian Răcuciu – Using Potential Field Analysis into Image Artifact Detection Field, Indian Journal of Research, Volume III, Issue V, May 2014, ISSN: 2250-1991
- A11. Florin Medeleanu, Ciprian Răcuciu, Marius **Rogobete** - Considerations About The Possibilities To Improve AES S-Box Cryptographic Properties By Multiplication, Series A, Mathematics, physics, technical science, information science, Editura Academiei Române, 2015, Cryptology Science, volume 16, ISSN : 1454-9069
- A12. Lucian Besutiu, Marius **Rogobete**, "ON THE NORMAL GEOMAGNETIC FIELDS WITHIN CONFINED AREAS. THEIR MODELLING AND UNDERSTANDING", Revue roumaine de géophysique, Volume 39, ISSN 1220-5303, Editura Academiei Romane, 1995, Bucuresti.
- A13. 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
- A14. M. **Rogobete**, C. Răcuciu - An Improved Cryptographic Method in Watermark Encoding , Indian Journal of Research, Volume IV, Issue III, March 2015, ISSN: 2250-1991

6. Publicații *in extenso*, apărute în lucrări ale principalelor conferințe internaționale de specialitate:

- P1. 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.
- P2. 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
- P3. 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
- P4. 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
- P5. Marius **Rogobete**– First and second order image statistics in specific image artifact detection, International Conference of Innovative Technologies, September 26 - 29, 2012, Croatia
- P6. Marius **Rogobete**, Ciprian Răcuciu - A Watermarking Framework for Image Protection. A case study, Symposium on Automated Systems and Technologies, St. Petersburg, Russia, May 2015
- P7. Marius **Rogobete**, Ciprian Răcuciu, Emanuel Rădoi - Artifact identification in video stream frames, Education and Creativity for a Knowledge Society, International Conference, 7th edition, November 2013, Bucharest
- P8. Marius **Rogobete**, Ciprian Răcuciu - Cryptographic Extension Key for Watermark Encoding, Education and Creativity for a Knowledge Society, International Conference, November 2014, Bucharest
- P9. Marius **Rogobete**, Ciprian Răcuciu, Cristian-Gabriel Apostol, Dorin Marian Pîrloagă – An OOP method to update the digital watermarking application during running time, The International Conference NAV-MAR-EDU 2013, Constanța 2013

- P10. Marius **Rogobete**, Ciprian Răcuciu, Marian-Dorin Pirloagă, Florin Medeleanu – Image Protection. A Framework Proposal, SEA-CONF2015, May 2015, Constanța, Romania
- P11. Marius **Rogobete**, Ciprian Răcuciu, Marian-Dorin Pirloagă, Florin – Using Hide Watermark in Visual Watermark extraction. Advantages. Algorithm, SEA-CONF2015, May 2015, Constanța, Romania
- P12. Marius **Rogobete**, Ciprian Răcuciu, Madlena Nen, - Digital image contents protection in media and games market, International Conference November 17 - 19, Bucharest 2016, EDUCATION AND CREATIVITY FOR A KNOWLEDGE BASED SOCIETY
- P13. Marius **Rogobete**, Mihai Scutaru – Smart Utilities, International Conference “Methods for Effective Management and Research in Higher Education”, November 2016 Bucharest, ISBN 978-973-640-253-1
- P14. 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
- P15. Dorin Marian Pirloagă, Cristian-Gabriel Apostol, Marius **Rogobete**, Ciprian Răcuciu – Optimizing image classification using a neural network, The International Conference NAV-MAR-EDU 2013, Constanța 2013
- P16. Cristian-Gabriel Apostol, Marius **Rogobete**, Dorin Marian Pirloagă, Ciprian Răcuciu – Using the chaos theory and dynamic keys in digital watermarking, The International Conference NAV-MAR-EDU 2013, Constanța 2013
- P17. 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 – Przegląd Geologiczny, PANCARDI meeting abstracts, 45(10):1106, 1997, Poland
- P18. A Szakács, I Seghedi, D Ioane, Z Pecskey, 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, 1995, Romania
- P19. Marian-Dorin Pirloagă, Marius **Rogobete**, Ciprian Răcuciu, Florin Medeleanu – Recognition of faces in the crowd using biometric technologies mixed, SEA-CONF2015, May 2015, Constanța, Romania

Declar pe proprie răspundere că datele prezentate sunt în conformitate cu realitatea

Data 15.01.2024

(prenume, nume, semnătura)

Marius Rogobete,

