

LISTĂ DE LUCRĂRI

Ș.l.dr.inf. MOISI Elisa Valentina

Lista completă de lucrări ale candidatului va fi structurată astfel:

- a) 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 prevăzute de prezentul articol;
 - b) teza sau tezele de doctorat;
 - c) brevete de invenție și alte titluri de proprietate industrială;
 - d) cărți și capitole în cărți;
 - e) articole/studii in extenso, publicate în reviste din fluxul științific internațional principal;
 - f) publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;
 - g) alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice.
-

- a) 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 prevăzute de prezentul articol;

1. N. E. Costea, E. V. Moisi and D. E. Popescu, "Comparison of Machine Learning Algorithms for Prediction of Diabetes," 2021 16th International Conference on Engineering of Modern Electric Systems (EMES), 2021, pp. 1-4, doi: 10.1109/EMES52337.2021.9484116.
2. E. Alexa, D. Zmaranda and E. V. Moisi, "Modeling and Solving the University Timetabling Problem using the Constraints Satisfaction Model: A Case Study," 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, pp. 1-6, doi: 10.1109/ECAI52376.2021.9515060.
3. R. M. Sferle and E. V. Moisi, "Automatic Number Plate Recognition for a Smart Service Auto," 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 2019, pp. 57-60, doi: 10.1109/EMES.2019.8795201.
4. Benedek Nagy, Elisa Valentina Moisi: Memetic algorithms for reconstruction of binary images on triangular grids with 3 and 6 projections, Applied Soft Computing 52, 2017, pp. 549-565
5. E. V. Moisi, T. Lukić, B. Nagy and V. Cretu, "Comparing memetic and simulated annealing approaches for discrete tomography on the triangular grid," 2015 IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics, 2015, pp. 523-528, doi: 10.1109/SACI.2015.7208260.
6. B. Nagy and E. V. Moisi, "Binary Tomography on the Triangular Grid with 3 Alternative Directions -- A Genetic Approach," 2014 22nd International Conference on Pattern Recognition, 2014, pp. 1079-1084, doi: 10.1109/ICPR.2014.195.
7. E. V. Moisi, B. Nagy and V. I. Cretu, "Maximum flow minimum cost algorithm for reconstruction of images represented on the triangular grid," 2013 IEEE 8th International Symposium on Applied Computational Intelligence and Informatics (SACI), 2013, pp. 35-40, doi: 10.1109/SACI.2013.6608993.

8. Elisa Valentina Moisi, Vladimir Ioan Cretu, Benedek Nagy: Reconstruction of Binary Images Represented on Equilateral Triangular Grid Using Evolutionary Algorithms, Soft Computing Applications, Advances in Intelligent Systems and Computing, 2013, pp.561-572.
9. B. Nagy, E. V. Moisi and V. I. Cretu, "Discrete tomography on the triangular grid based on Ryser's results," 2013 8th International Symposium on Image and Signal Processing and Analysis (ISPA), 2013, pp. 801-806, doi: 10.1109/ISPA.2013.6703846.
10. Elisa Valentina Moisi, Benedek Nagy, "Discrete Tomography on the Triangular Grid: a Memetic Approach", Proceedings of 7th International Symposium on Image and Signal Processing and Analysis (ISPA), 2011, pp. 579-584.

b) teza sau tezele de doctorat;

Elisa Valentina Moisi, „Binary Images Reconstruction for Discrete Tomography using Triangular Grid”, – Editura Politehnica: Seria: 14 Nr: 21 ISSN: 2069-8216 ISBN: 978-606-554-884-8, 2014, <https://cloud.uoradea.ro/index.php/s/CTx8rrQc75dnsyy>

c) brevete de invenție și alte titluri de proprietate industrială;

d) cărți și capitole în cărți;

1. Elisa Valentina Moisi, „Binary Images Reconstruction for Discrete Tomography using Triangular Grid”, – Editura Politehnica: Seria: 14 Nr: 21 ISSN: 2069-8216 ISBN: 978-606-554-884-8, 2014
2. Ecaterina Vladu, Elisa Valentina Oneț “Limbafe Formale și Translatoare: Aplicații”, Editura Universității din Oradea, ISBN 978-973-759-865-3, 2009
3. Gabor Gianina, Moisi Elisa, “Implementarea site-urilor web responsive”, Editura Universității din Oradea ISBN 978-606-10-2119-2, 2020

e) articole/studii in extenso, publicate în reviste din fluxul științific internațional principal;

1. Benedek Nagy, Elisa Valentina Moisi: Memetic algorithms for reconstruction of binary images on triangular grids with 3 and 6 projections, Applied Soft Computing 52, 2017, pp. 549-565
2. Ecaterina Vladu, Elisa Valentina Moisi, Mihaela Novac, Ovidiu Novac, “Differential evolution in parameters estimation”, Journal of Electrical and Electronics Engineering, Volume 4, Issue 1, 2011, pp. 251-255
3. Vladu Ecaterina, Maștei Daniela, Moisi Elisa, Popovici Diana, “Optimal Design by Means of Evolutionary Algorithms in Induction Heating”, Journal of Computer Science and Control Systems, Volume 4, Issue 1, 2011, pp. 207-210
4. Moisi Elisa, Vladu Ecaterina, Novac Ovidiu, Novac Mihaela, “Analysis of Differential Evolution Algorithm by Using Benchmark Functions”, Journal of Computer Science and Control Systems, Volume 4, Issue 1, 2011, pp. 103-106
5. Elisa Valentina Oneț, “Swarm Intelligence and Clustering Analysis. An overview”, Journal of Computer Science and Control Systems, Volume 3, Issue 1, 2010, pp.155-158
6. Ecaterina Vladu, Mihaela Novac, Ovidiu Novac, Daniela Mastei, Elisa Onet, “Comparing evolutionary algorithms on benchmark functions”, Journal of Computer Science and Control Systems, Volume 3, Issue 1, 2010, pp. 249-252

7. Ecaterina Vladu, Mihaela Novac, Ovidiu Novac, Daniela Mastei, Elisa Onet, "Evolution approach to signal regresion", Journal of Computer Science and Control Systems, Volume 3, Issue 1, 2010, pp. 245-248
 8. Elisa Valentina Oneț, "Particle Swarm Optimization and Genetic Algorithms", Journal of Computer Science and Control Systems, Volume 2, Issue 2, 2009, pp. 43-46
 9. Elisa Valentina Oneț, Ecaterina Vladu, "Nature inspired algorithms and artificial intelligence", Journal of Computer Science and Control Systems, 2008, pp. 66-70
- f) publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;
1. N. E. Costea, E. V. Moisi and D. E. Popescu, "Comparison of Machine Learning Algorithms for Prediction of Diabetes," 2021 16th International Conference on Engineering of Modern Electric Systems (EMES), 2021, pp. 1-4, doi: 10.1109/EMES52337.2021.9484116.
 2. E. Alexa, D. Zmaranda and E. V. Moisi, "Modeling and Solving the University Timetabling Problem using the Constraints Satisfaction Model: A Case Study," 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, pp. 1-6, doi: 10.1109/ECAI52376.2021.9515060.
 3. D. -T. Belenesi, G. Gabor and E. V. Moisi, "Comparative study on WPF and UWP Frameworks used in RSS Application," 2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2021, pp. 1-6, doi: 10.1109/ECAI52376.2021.9515066.
 4. S. Vári-Kakas, O. Poszet, A. Mirela Pater, E. Valentina Moisi and A. Vári-Kakas, "Issues Related to the Use of Blockchains in IoT Applications," 2021 16th International Conference on Engineering of Modern Electric Systems (EMES), 2021, pp. 1-4, doi: 10.1109/EMES52337.2021.9484103.
 5. T. -D. Tripon, G. Adela Gabor and E. Valentina Moisi, "Angular and Svelte Frameworks: a Comparative Analysis," 2021 16th International Conference on Engineering of Modern Electric Systems (EMES), 2021, pp. 1-4, doi: 10.1109/EMES52337.2021.9484119.
 6. D. E. Madar and E. V. Moisi, "Semantic Similarities for Projects and Freelancers Profile Matching," 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 2019, pp. 129-132, doi: 10.1109/EMES.2019.8795095.
 7. N. E. Costea and E. V. Moisi, "Fingerprint Authentication for Budget Application," 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 2019, pp. 105-108, doi: 10.1109/EMES.2019.8795100.
 8. R. M. Sferle and E. V. Moisi, "Automatic Number Plate Recognition for a Smart Service Auto," 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 2019, pp. 57-60, doi: 10.1109/EMES.2019.8795201.
 9. E. V. Moisi, T. Lukić, B. Nagy and V. Cretu, "Comparing memetic and simulated annealing approaches for discrete tomography on the triangular grid," 2015 IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics, 2015, pp. 523-528, doi: 10.1109/SACI.2015.7208260.
 10. B. Nagy and E. V. Moisi, "Binary Tomography on the Triangular Grid with 3 Alternative Directions -- A Genetic Approach," 2014 22nd International

- Conference on Pattern Recognition, 2014, pp. 1079-1084, doi: 10.1109/ICPR.2014.195.
11. E. V. Moisi, B. Nagy and V. I. Cretu, "Maximum flow minimum cost algorithm for reconstruction of images represented on the triangular grid," 2013 IEEE 8th International Symposium on Applied Computational Intelligence and Informatics (SACI), 2013, pp. 35-40, doi: 10.1109/SACI.2013.6608993.
 12. Elisa Valentina Moisi, Vladimir Ioan Cretu, Benedek Nagy: Reconstruction of Binary Images Represented on Equilateral Triangular Grid Using Evolutionary Algorithms, Soft Computing Applications, Advances in Intelligent Systems and Computing, 2013, pp.561-572.
 13. B. Nagy, E. V. Moisi and V. I. Cretu, "Discrete tomography on the triangular grid based on Ryser's results," 2013 8th International Symposium on Image and Signal Processing and Analysis (ISPA), 2013, pp. 801-806, doi: 10.1109/ISPA.2013.6703846.
 14. Benedek Nagy, Tibor Lukic, Elisa Valentina Moisi, "Soft computing methods for discrete tomography on the triangular grid" (Diszkrét tomográfia a háromszögrácson természet-motiválta algoritmusokkal), KÉPAF 2013, Bakonybél, pp. 450-463, http://kepaf2013.mik.uni-pannon.hu/proceedings/pdfs/F08_06.pdf
 15. Pantea Emilia, Ludovic Gilău, Moisi Elisa, Bagdi Carmen, "Identification of Biogaz Potential from Livestock Farms in Bihor County", A környezet tudatos települések fele, Debrecen 2012, https://geo.unideb.hu/sites/default/files/upload_documents/kornyezettudatos_energiagazdalkodas_0.pdf
 16. Ecaterina Vladu, Moisi Elisa, Monica Costea, Simona Castrase, Maria Bittenbinder, "Optimization Algorithms for Wind Turbine Control", A környezet tudatos települések fele, Debrecen 2012, https://geo.unideb.hu/sites/default/files/upload_documents/kornyezettudatos_energiagazdalkodas_0.pdf
 17. Elisa Valentina Moisi, Benedek Nagy, "Discrete Tomography on the Triangular Grid: a Memetic Approach", Proceedings of 7th International Symposium on Image and Signal Processing and Analysis (ISPA), 2011, pp. 579-584.

g) alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice

Data : 17.01.2022

Semnătura