FIŞĂ DE AUTOEVALUARE ŞI DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UNIVERSITĂŢII "VASILE ALECSANDRI" DIN BACĂU PENTRU OCUPAREA POSTURILOR DIDACTICE

INFORMATICA

Nume şi prenume candidată: **Crişan Gloria Cerasela**
Post (Nr./Grad didactic): 10/Conferenţiar universitar
Domeniul postului scos la concurs: Informatică
Departamentul de Matematică, Informatică şi Ştiinţele Educaţiei
Facultatea de Ştiinţe

Etica cercetării (perspectiva a)

	Conferenţiar / CPII	**Profesor / CPI**	**Autoevaluare candidat**	**Verificare comisie**
Îndeplinit / neîndeplinit	Îndeplinit	Îndeplinit	Îndeplinit	

Producţia ştiinţifică (perspectiva b)

	Conferenţiar / CPII	**Profesor / CPI**	**Autoevaluare candidat**			**Verificare comisie**		
			Cat. A	Cat. B	Cat. C	Cat. A	Cat. B	Cat. C
Valorile minimale pentru indicatorul P	32 puncte, din care 16 puncte din lucrări de cel puţin categoria B	56 puncte, din care 24 puncte din lucrări de categoria A şi 16 puncte din lucrări de cel puţin categoria B	**33.33**	**2.00**	**16.00**			
			Total: 51.33			**Total:**		
			Îndeplinit					

EXPLICAŢII:

Publicaţii apărute în forumuri (jurnale şi conferinţe) specifice domeniului **Informatică** ori a subdomeniilor sale de categoria **A**

Publicaţia	Scorul asociat forumului	Numar de autori	Autoevaluare punctaj	Verificare punctaj
Chira, C., Pintea, C.M., **Crişan, G.C**., Dumitrescu, D. - Solving the Linear Ordering Problem Using Ant Models, Genetic and Evolutionary Computation Conference GECCO 2009, Montréal, Canada, 2009. In: Proceedings of the 11th Annual Conference Companion on Genetic and Evolutionary Computation Conference (GECCO 09), 1803-1804, 2009, ACM	8	4, poster	2	**Poz 113, lista conferințe 2014**
Crainic, T.G., **Crişan, G.C**., Gendreau, M., Lahrichi, N., Rei, W. - A Concurrent Evolutionary Approach for Rich Combinatorial Optimization, Genetic and Evolutionary Computation Conference GECCO 2009, Montréal, Canada, 2009. In: Proceedings of the 11th Annual Conference Companion on Genetic and Evolutionary Computation Conference (GECCO 09), 2017–2022, 2009, ACM	8	5	2.67	**Poz 113, lista conferințe 2014**
Crainic, T.G., **Crişan, G.C**., Gendreau, M., Lahrichi, N., Rei, W. - Multi-thread Cooperative Optimization for Rich Combinatorial Problems, IEEE International Parallel & Distributed Processing Symposium, Rome, Italy, 2284-2291, 2009	8	5	2.67	**Poz 607, lista conferințe 2014**

Crişan, G.C., Pintea, C.M., Pop, P.C. - On the Resilience of an Ant-based System in Fuzzy Environments. An Empirical Study, IEEE International Conference on Fuzzy Systems, Beijing, China, 2588-2593, 2014	8	3	8	**Poz 583, lista conferințe 2014**
Lahrichi, N., Crainic, T.G., Gendreau, M., Rei, W., **Crişan, G.C.**, Vidal, T. - An Integrative Cooperative Search Framework for Multi-Decision-Attribute Combinatorial Optimization: Application to the MDPVRP, European Journal of Operational Research, 246, 400-412, 2015	8	6	2	**Interogare nonCS**
Pintea, C.M., **Crişan, G.C**., Chira, C. - Hybrid ant models with a transition policy for solving a complex problem, Logic Journal IGPL, 20, 3, 560-569, 2012	8	3	8	**Interogare nonCS**
Pintea, C.M., Ludwig, S.A., **Crişan, G.C.** - Adaptability of a Discrete PSO Algorithm applied to the Traveling Salesman Problem with Fuzzy Data, IEEE International Conference on Fuzzy Systems, Istanbul, Turkey, 1-6, doi: http://dx.doi.org/10.1109/FUZZ-IEEE.2015.7337839, 2015	8	3	8	**Poz 583, lista conferințe 2014**

Publicaţii apărute în forumuri (jurnale şi conferinţe) specifice domeniului **Informatică** ori a subdomeniilor sale de categoria **B**

Publicaţia	Scorul asociat forumului	Numar de autori	Autoevaluare punctaj	Verificare punctaj
Czibula, G.**, Crişan, G.C.**, Pintea, C.M., Czibula, I.G. - Soft Computing Approaches on the Bandwidth Problem, Informatica, 24, 2 169-180, 2013	4	4	2	**Interogare CS**

Publicaţii apărute în forumuri (jurnale şi conferinţe) specifice domeniului **Informatică** ori a subdomeniilor sale de categoria **C**

Publicaţia	Scorul asociat forumului	Numar de autori	Autoevaluare punctaj	Verificare punctaj
Crişan, G.C., Nechita, E., Talmaciu, M., Pătruţ, B. - Using Centrality Indices in Ant Systems - Proceedings of the International Conference on Computers, Communication and Control ICCC2008 Oradea, Romania, International Journal of Computers, Communication and Control, 146-149, 2008	2	4	1	**Pag 17 lista jurnale 2014**
Crişan, G.C., Nechita, E. - Solving fuzzy TSP with Ant Algorithms, Proceedings of the International Conference on Computers, Communication and Control ICCC2006 Oradea, Romania, International Journal of Computers, Communication and Control, 228-231, 2006	2	2	2	**Pag 17 lista jurnale 2014**
Crişan, G.C., Nechita, E., Talmaciu, M. – How often does the Parrondo effect appear?, Fluctuation and Noise Letters 7, 2, C19-C25, 2007	2	3	2	**Interogare nonCS**
Crişan, G.C., Nechita, E., Palade V. - Ant-Based System analysis on the Traveler Salesman Problem under uncertain dynamic behaviour, 4th International Workshop on Combinations of Intelligent Methods and Applications CIMA 2014, 21-28, 2014	2	3	2	**Interogare CS**
Nechita, E**., Crişan, G.C**., Talmaciu, M. - Cooperative Ant Colonies for Vehicle Routing Problem with Time Windows. A Case Study in the Distribution of Dietary Products, 12th World Multi-Conference on Systemics, Cybernetics and Informatics/14th International Conference on Information Systems Analysis and Synthesis, Orlando FL, WMSCI 2008, Vol V, 48-52, 2008	2	3	2	**Poz 1702, lista conferințe 2014**
Nechita, E.; Talmaciu, M.; **Crişan, G.C**. - Recognizing Dart-Free Graphs - Proceedings of the International Conference on Computers, Communication and Control ICCC2006 Oradea, Romania, International Journal of Computers, Communication and Control, 332-335, 2006	2	3	2	**Pag 17 lista jurnale 2014**
Pintea, C.M., **Crişan, G.C**., Chira, C. - A Hybrid ACO Approach to the Matrix Bandwidth Minimization Problem, The 5th International Conference	2	3	2	**LNCS, conform**

on Hybrid Artificial Intelligence Systems, San Sebastian, Spain, 2010. In: Manuel Graña Romay, Emilio Corchado and M. Teresa Garcia Sebastian (Eds.): Lecture Notes in Computer Science, 6076, Springer-Verlag: 405-412				**specificare pag 1 Metodologie**
Pintea, C.M., **Crişan, G.C**., Chira, C., Dumitrescu, D. - A Hybrid Ant-Based Approach to the Economic Triangulation Problem for Input-Output Tables, The 4th International Conference on Hybrid Artificial Intelligence Systems, Salamanca, Spain, 2009. In: LNCS 5572, 376-383, 2009, Springer-Verlag	2	4	1	**LNCS, conform specificare pag 1 Metodologie**
Talmaciu, M., Nechita, E., **Crişan, G.C**. – A recognition algorithm for a class of partitionable graphs that satisfies the normal graph conjecture, Studies in Informatics and Control, 18, 4, 349-354, 2009	2	3	2	**Pag 24 lista jurnale 2014**

Impactul rezultatelor (perspectiva c)

	Conferenţiar / CPII	**Profesor / CPI**	**Autoevaluare candidat**	**Verificare comisie**
Valorile minimale pentru indicatorul C	48 puncte, din care 12 puncte în forumuri de minim tip B	120 puncte, din care 40 de puncte în forumuri de minim tip B	**114.08** puncte, din care **86.00** puncte în forumuri de minim tip B	
			Îndeplinit	

EXPLICAŢII:

1. A concurrent evolutionary approach for rich combinatorial optimization, TG Crainic, **GC Crişan**, M Gendreau, N Lahrichi, W Rei. Proceedings of the 11th Annual Conference Companion on Genetic and Evolutionary Computation Conference: Late Breaking Papers (GECCO '09) 2009 **/ 5 autori / total 6.33 puncte / min B 5.33 puncte**
   1.1. J Caceres-Cruz, P Arias, D Guimarans, D Riera, AA. Juan. Rich Vehicle Routing Problem: Survey. ACM Computing Surveys 47, 2, Article 32 (2015), 28 pages / A / 2.67 / **Interogare CS**
   1.2. R Bent, P Van Hentenryck - Spatial, Temporal, and Hybrid Decompositions for Large-Scale Vehicle Routing with Time Windows. 01/2010, Proceeding of Principles and Practice of Constraint Programming CP 2010 - 16th International Conference CP 2010, St. Andrews, UK, September 6-10, 2010. 99-113 / A / 2.67 / **poz 967 lista conferinţe 2014**
   1.3. E Alba, G Luque, S Nesmachnow - Parallel metaheuristics: recent advances and new trends - International Transactions in Operational Research 20, 1, pages 1–48, January 2013 / C / 0.67 / **pag 19 lista jurnale 2014**
   1.4. S Martin - Multi-agent based cooperative search in combinatorial optimization 2013 PhD Thesis University of Portsmouth - eprints.port.ac.uk / D / 0.33 / **Teză de doctorat, specificare pag 1 Metodologie**

2. A Hybrid ACO Approach to the Matrix Bandwidth Minimization Problem, CM Pintea, **GC Crişan**, C Chira, C Hybrid Artificial Intelligence Systems, PT 1 Series: Lecture Notes in Artificial Intelligence Volume: 6076 Pages: 405-412, 2010 **/ 3 autori / total 13.00 puncte / min B 8.00 puncte**
   2.1. GO Chagas, SL Gonzaga de Oliveira - Metaheuristic-based heuristics for symmetric-matrix bandwidth reduction: a systematic review, ICCS 2015 International Conference On Computational Science, Procedia Computer Science, 51, 211–220, 2015 / A / 8.00 / **poz 185 lista conferinţe 2013**
   2.2. PC Pop, O Matei, CA Comes - Reducing the bandwidth of a sparse matrix with a genetic algorithm, Optimization: A Journal of Mathematical Programming and Operations Research, (2014): 63(12):1851-1876. / C / 2.00 / **Interogare CS**
   2.3. LO Mafteiu-Scai - Interchange Opportunity in Average Bandwidth Reduction in Sparse Matrices, Annals of West University of Timisoara - Mathematics. 50, 2, 55–66, 2013 / D / 1.00 / **Revistă indexată de Zentralblatt, MathSciNet**
   2.4. L. O. Mafteiu-Scai, V. Negru, D. Zaharie, O. Aritoni - Average Bandwidth Reduction în Sparse Matrices Using Hybrid Heuristics-extended version - Studia Universitatis Babes-Bolyai Informatica journal, Proc. KEPT 2011, selected papers, ed. M. Frentiu et. all, Cluj-Napoca, July 4-6, 2011 Presa Universitara Clujeana, ISSN 2067-1180, 2011 01/2011 / D / 1.00 / **Revistă indexată de Zentralblatt, MathSciNet**
   2.5. Liviu Octavian Mafteiu-Scai - Interchange Opportunity in Average Bandwidth Reduction in Sparse Matrices, West Univ. of Timisoara Annals, Timisoara, Romania, Versita Publishing 2012 01/2012 L(2):01-14. / D / 1.00 / **Revistă indexată de Zentralblatt, MathSciNet**

3. A Hybrid Ant-Based Approach to the Economic Triangulation Problem for Input-Output Tables CM Pintea, **GC Crişan**, C Chira, D Dumitrescu, Hybrid Artificial Intelligence Systems, Lecture Notes in Artificial Intelligence 5572, 376-383, 2009 **/ 4 autori / total 6.50 puncte / min B 4.00 puncte**
   3.1. J Ceberio, A Mendiburu, J A. Lozanoa - The linear ordering problem revisited, European Journal of Operational Research 241, 3, 686–696, 2015 / A / 4.00 / **Interogare CS**
   3.2. PC Pop, O Matei - A genetic programming approach for solving the linear ordering problem, - Hybrid Artificial Intelligent Systems 7209, 331-338, 2012 – Springer / C / 1.00 / **poz 883 lista conferinte 2014**
   3.3. PC Pop, O Matei, CA Comes - Reducing the bandwidth of a sparse matrix with a genetic algorithm, Optimization: A Journal of Mathematical Programming and Operations Research, 63 (12), 1851-1876, 2014 / C / 1.00 / **Interogare CS**
   3.4. Y Kondo - Triangulation of Input–Output Tables Based on Mixed Integer Programs for Inter-temporal and Inter-regional Comparison of Production Structures, Journal of Economic Structures, 3 2, 2014, Springer D / 0.50 / **Revistă indexată Springer, specificare pag 1 Metodologie**

4. A hybrid technique for matrix bandwidth problem, **GC Crişan**, C.M. Pintea, University of Bacău Faculty of Sciences, Scientific Studies and Research, Series Mathematics and Informatics, Vol. 21, No. 1, 113-120, 20112009 **/ 2 autori / total 1.00 puncte / min B 0.00 puncte**
   4.1. LO Mafteiu-Scai - The Bandwidths of a Matrix. A Survey of Algorithms, Annals of West University of Timisoara - Mathematics. Volume 52, Issue 2, Pages 183–223, ISSN (Online) 1841-3307, 2014 / D / 1.00 / **Revistă indexată de Zentralblatt**

5. An integrative cooperative search framework for multi-decision-attribute combinatorial optimization, N Lahrichi, TG Crainic, M Gendreau, W Rei, **GC Crişan**, T Vidal, Technical Report CIRRELT 2012-42 **/ 6 autori / total 4.75 puncte / min B 4.00 puncte**
   5.1. AM Campbell, J Hardin Wilson ˙ Forty years of periodic vehicle routing, Networks 63, 1, 2–15, January 2014 / A / 2.00 / **poz 231 lista 2013**
   5.2. J Caceres-Cruz, P Arias, D Guimarans, D Riera, AA. Juan. Rich Vehicle Routing Problem: Survey. ACM Computing Surveys 47, 2, Article 32 (2015), 28 pages / A / 2.00 / **Interogare CS**
   5.3. S. Irnich, M. Schneider, D. Vigo - Four variants of the Vehicle Routing Problem, In: P. Toth, D. Vigo (Eds) Vehicle Routing: Problems, Methods, and Applications, Second Edition, MOS-SIAM (Mathematical Optimization Society - Society for Industrial and Applied Mathematics) Series of Optimization, 241-271, 2014 / C / 0.50 / **poz 287 lista SENSE 2011**
   5.4. I Dayarian - Tactical Vehicle Routing Planning with Application to Milk Collection and Distribution, PhD Thesis, Univ de Montreal, 2013 / D / 0.25 / **Teză de doctorat, specificare pag 1 Metodologie**

6. Hybrid ant models with a transition policy for solving a complex problem, CM Pintea, **GC Crişan**, C Chira, Logic Journal of the IGPL Volume: 20 Issue: 3 Pages: 560-569, Jun 2012 **/ 3 autori / total 9.00 puncte / min B 8.00 puncte**
   6.1. GO Chagas, SL Gonzaga de Oliveira - Metaheuristic-based heuristics for symmetric-matrix bandwidth reduction: a systematic review, ICCS 2015 International Conference On Computational Science, Procedia Computer Science, 51, 211–220, 2015 / A / 8.00 / **poz 185 lista conferinţe 2013**
   6.2. E Nechita, CV Muraru, M Talmaciu - A Bayesian Approach for the Assessment of Risk Probability. Case Study for Digital Risk Probability. Environmental Engineering and Management Journal, Dec 2012. / D / 1.00 / **Interogare nonCS**

7. Multi-thread integrative cooperative optimization for rich combinatorial problems TG Crainic, **GC Crişan**, M Gendreau, N Lahrichi, W Rei, the 23rd IEEE International Parallel and Distributed Processing Symposium (IPDPS), IEEE, Rome, Italy, May 25-29, 2009 **/ 5 autori / total 12.00 puncte / min B 10.67 puncte**
   7.1. R Lahyani, M Khemakhem, F Semet - Rich Vehicle Routing Problems: From a taxonomy to a definition, European Journal of Operational Research, 241 (1), 1-14, 2015 / A / 2.67 / **Interogare CS**
   7.2. J Caceres-Cruz, P Arias, D Guimarans, D Riera, AA. Juan. Rich Vehicle Routing Problem: Survey. ACM Computing Surveys 47, 2, 32-59 (2015) / A / 2.67 / **Interogare CS**
   7.3. CM Pintea, PC Pop, I Zelina - Denial jamming attacks on wireless sensor network using sensitive agents, Logic Journal of IGPL, 2015, doi: 10.1093/jigpal/jzv046 / A / 2.67 / **Interogare CS**
   7.4. P Ediger, R Hoffmann - Efficiency Analysis of the Time-Shuffling Method for the Evolution of Agent Behavior, International Journal of Foundations of Computer Science 23, 02, 523-542, 2012 / B / 1.33 / **pag 9 lista jurnale 2014**
   7.5. M Mirabi - A hybrid electromagnetism algorithm for multi-depot periodic vehicle routing problem The International Journal of Advanced Manufacturing Technology March 2014, 71, 1-4, pp 509-518 / B / 1.33 / **pag 9 lista jurnale 2014**
   7.6. R Lahyani, M Khemakhem, F Semet - Taxonomy for Rich Vehicle Routing Problems, Proceedings of the 1st International Conference on Logistics Operations Management, IEEE International Conference. 2012 / D / 0.33 / **conferință indexată IEEE, specificare pag 1 Metodologie**

7.7. T Vidal - Approches générales de résolution pour les problemes multi-attributs de tournées de véhicules et confection d'horaires, PhD Thesis, CIRRELT-2013-28, 2013 / D / 0.33 / **Teză de doctorat, specificare pag 1 Metodologie**
7.8. I Dayarian - Tactical Vehicle Routing Planning with Application to Milk Collection and Distribution, PhD Thesis, Univ de Montreal, 2013 / D / 0.33 / **Teză de doctorat, specificare pag 1 Metodologie**
7.9. R Lahyani - Une matheuristique unifiée pour résoudre des problèmes de tournées de véhicules riches PhD Thesis, L'Ecole Centrale de Lille, 2014 / D / 0.33 / **Teză de doctorat, specificare pag 1 Metodologie**

8. Risk Assessment for Incoherent Data, **GC Crişan**, CM Pintea, C Chira, Environmental engineering and management journal 11(12):2169, 2012 **/ 3 autori / total 4.00 puncte / min B 0.00 puncte**
   8.1. E Nechita Measures for Uncertain Data. Case Study on Data Extracted from Mass Media Scientific Studies and Research, Studies Mathematics and Informatics, 23, 1 95-96 / D / 1.00 / **Revistă indexată de Zentralblatt, MathSciNet**
   8.2. G D. Vasilescu, E Ghicioi, A Drăghici, N Mija: Risk assessment of whole-body vibrations generated by industrial activities with environmental impact, Environmental Engineering and Management Journal, 13(6):1453-1458 , 2014 / D / 1.00 / **Interogare nonCS**
   8.3. SM Roşu, L Roşu, G Drăgoi, IB Păvăloiu - Risk assessment of work accidents during the installation and maintenance of telecommunication networks, Environmental engineering and management journal 14 (9) 2169-2176, 2015 / D / 1.00 / **Interogare nonCS**
   8.4. PL Ong, YH Choo, AK Muda, A Manufacturing failure root cause analysis in imbalance data set using PCA weighted association rule mining, Jurnal Teknologi, Science and Engineering, 77(18) 103-111, 2015 / D / 1.00 / **Interogare nonCS**

9. Solving fuzzy TSP with ant algorithms, **GC Crişan**, E Nechita, International Journal of Computers Communications & Control 3, 228-231, 2008 **/ 2 autori / total 20.00 puncte / min B 12.00 puncte**
   9.1. CM Pintea, PC Pop, I Zelina - Denial jamming attacks on wireless sensor network using sensitive agents, Logic Journal of IGPL, 2015, doi: 10.1093/jigpal/jzv046 / A / 8.00 / **Interogare nonCS**
   9.2. CM Pintea, PC Pop - Sensitive Ants for Denial Jamming Attack on Wireless Sensor Network International Joint Conference SOCO'13-CISIS'13-ICEUTE'13 Advances in Intelligent Systems and Computing Volume 239, 2014, 409-418 Springer, CISIS General Track / B / 4.00 / **poz 385 lista conferinţe 2014**
   9.3. DC Secui,S Dzitac, GV Bendea, I Dzitac - An ACO Algorithm for Optimal Capacitor Banks Placement in Power Distribution Networks, Studies in Informatics and Control, 8(4), 305-314, 2009 / C / 2.00 / **pag 25 lista jurnale 2014**
   9.4. M Tuba, R Jovanovic - Improved ACO Algorithm with Pheromone Correction Strategy for the Traveling Salesman Problem, International Journal of Computers Communications & Control 8.3 (2013): 477-485 / C / 2.00 / **pag 18 lista jurnale 2014**
   9.5. A Kumar, A Gupta - Assignment and travelling salesman problems with coefficients as LR fuzzy parameters - International Journal of Applied Science and Engineering 2012. 10, 3: 155-170 / D / 1.00 / **revistă indexată în Ulrichsweb (Serial solutions), Google scholar, Crossref, Indexcopernicus, Open research**
   9.6. A Kumar, A Gupta - Methods for solving fuzzy assignment problems and fuzzy travelling salesman problems with different membership functions, Fuzzy Information and Engineering, March 2011, Volume 3, Issue 1, pp 3-21 / D / 1.00 / **revistă publicată de Elsevier**
   9.7. CM Pintea - Artificial Ant Species on Solving Optimization Problems, Scientific Studies and Research, Studies Mathematics and Informatics, 23, 1, 121-126, 2013 / D / 1.00 / **Revistă indexată de Zentralblatt, MathSciNet**
   9.8. DS Dingar, KT Sundari - Neighboring Optimal Solution for Fuzzy Travelling Salesman Problem, International Journal of Engineering Research and General Science, 2 (4), 307-312, 2014 / D / 1.00 / **revistă indexată în Google Scholar, Universal Impact Factor, Indexcopernicus, DOAJ**

10. Soft Computing Approaches on the Bandwidth Problem, G Czibula, **GC Crişan**, CM Pintea, IG Czibula - Informatica, 24, 2 169-180, 2013 / **4 autori / total 5.00 puncte / min B 4.00 puncte**
    10.1. GO Chagas, SL Gonzaga de Oliveira - Metaheuristic-based heuristics for symmetric-matrix bandwidth reduction: a systematic review, ICCS 2015 International Conference On Computational Science, Procedia Computer Science, 51, 211–220, 2015 / A / 4.00 / **poz 185 lista conferinţe 2013**
    10.2. LO Mafteiu-Scai - The Bandwidths of a Matrix. A Survey of Algorithms, Annals of West University of Timisoara - Mathematics. 52, 2, 183–223, ISSN (Online) 1841-3307, 2014 / D / 1.00 / **Revistă indexată de Zentralblatt**

11. Solving the linear ordering problem using ant models, C Chira, CM Pintea, **GC Crişan**, D Dumitrescu, GECCO, 1803-1804. ACM, 2009 **/ 4 autori / total 15.50 puncte / min B 14.00 puncte**
    11.1. P Krömer, J Platoš, V Snášel - Can deterministic chaos improve differential evolution for the linear ordering problem?, 2014 IEEE Congress on Evolutionary Computation (CEC), 1443-1448 / A / 4.00 / **poz 125 lista conferinţe 2014**

11.2. J Ceberio, E Irurozki, A Mendiburu, JA Lozano - Extending distance-based ranking models in estimation of distribution algorithms. IEEE Congress on Evolutionary Computation 2014 (CEC 2014): 2459-2466 doi: 10.1109/CEC.2014.6900435 / A / 4.00 / **poz 558 lista conferințe 2014**

11.3. J Ceberio, A Mendiburu, J A. Lozanoa - The linear ordering problem revisited, European Journal of Operational Research 241, 3, 686–696, 2015 / A / 4.00 / **Interogare CS**

11.4. P Krömer, J Platoš, V Snášel - Implementing Artificial Immune Systems for the Linear Ordering Problem, Soft Computing Models in Industrial and Environmental Applications, Advances in Intelligent Systems and Computing Volume 188, 2013, pp 53-62 – Springer / B / 2.00 / **poz 89 lista edituri**

11.5. PC Pop, O Matei - A genetic programming approach for solving the linear ordering problem, - Hybrid Artificial Intelligent Systems, 7209, 331-338, 2012 – Springer / C / 1.00 / **LNCS, specificare pag 1 Metodologie**

11.6. P Krömer, J Platoš, V Snášel - Practical results of artificial immune Systems for combinatorial optimization problems, Fourth World Congress on Nature and Biologically Inspired Computing (NaBIC), IEEE, 2012, 194 – 199 / D / 0.50 / **conferință indexata IEEE, specificare pag 1 Metodologie**

12. **GC Crişan***:* Ant Heuristic Methods in Artificial Intelligence, PhD Thesis, Univ. „Al.I.Cuza" Iaşi, 2007 **/ 1 autor / total 17.00 puncte / min B 16.00 puncte**

12.1. CM Pintea, PC Pop, I Zelina – Denial jamming attacks on wireless sensor network using sensitive agents, Logic Journal of IGPL, 2015, doi: 10.1093/jigpal/jzv046 / A / 8.00 / **Interogare nonCS**

12.2. CM Pintea, PC Pop - Sensitive Ants for Denial Jamming Attack on Wireless Sensor Network International Joint Conference SOCO'13-CISIS'13-ICEUTE'13 Advances in Intelligent Systems and Computing Volume 239, 2014, 409-418 Springer, CISIS General Track / B / 4.00 / **poz 385 lista conferințe 2014**

12.3. CM Pintea – A Unifying Survey of Agent-Based Approaches for Equality-Generalized Traveling Salesman Problem, Informatica, 26, 3, 509–522, 2015 / B / 4.00 / **Interogare CS**

12.4. CM Pintea - Artificial Ant Species on Solving Optimization Problems, Scientific Studies and Research, Studies Mathematics and Informatics, 23, 1 121-126 / D / 1.00 / **Revistă indexată de Zentralblatt, MathSciNet**

Performanţa academică (perspectiva d)

	Conferenţiar / CPII	Profesor / CPI	Autoevaluare candidat	Verificare comisie
Valorile minimale pentru perspectiva D	36	60	**77.50**	
			Îndeplinit	

EXPLICAŢII:

1. **Crişan, G.C**. - Stochastic models for financial systems, în: Popescu, Crişan (Eds.) - Statistics and applications, Lambert, Köln, 2015 / Capitol în carte listată / C / **2.00 puncte / poz 1 Tabel**
2. **Crişan, G.C**. - Concurrent computing for financial systems, în: Popescu, Crişan (Eds.) - Statistics and applications, Lambert, Köln, 2015 / Capitol în carte listată / C / **2.00 puncte / poz 1 Tabel**
3. Pătruţ, B., **Crişan, G.C.** (Eds.) – Modern Paradigms in Computer Science and Applied Mathematics: a handbook for PhD students and researchers, AVM, München, 2011 / Carte editată nelistată / **2.00 puncte / poz 1 Tabel**
4. Nechita, E. **Crişan, G.C.** - Informatica pentru toţi, Polirom, 2003 / Carte nelistată / **2.00 puncte / poz 1 Tabel**
5. Membru comitet de program la HAIS (2016, 2015, 2014, 2013, 2011), NWESP (2013, 2012, 2011), ISDA (2014), CIMA (2015, 2014), ICMLA (2015), IAS (2015) / C / **13.00 puncte / poz 2 Tabel - 472, 527, 497, 658, 934, 1106 lista conferințe 2014**
6. Membru comitet de program la SoCPaR (2015, 2014), WICT (2014, 2013, 2012), NABIC (2015, 2014, 2013, 2012, 2011), CASON (2015, 2014, 2013, 2012, 2011) IIC (2015), ISAT (2015), IBICA (2015) / D / **8.50 puncte / poz 2 Tabel, indexare IEEE, specificare pag 1 Metodologie**
7. Membru contracte *Bacău and Lugano – Teaching Informatics for a Sustainable Society* valoare UVAB = 99.600 CHF = 80.000 euro (curs valutar 2014) şi *Grid academic pentru aplicaţii complexe 74 CEEX-II 03/31.07.2006* valoare UAIC = 1.500.000 lei = 400.000 euro (curs valutar 2007) / **6.00 puncte / poz 5 Tabel**
8. Organizare evenimente ştiinţifice: ICNAR 2014 / **1.00 punct / poz 6 Tabel**
9. Researcher asociat 1 an la *Université du Québec à Montréal*, Montréal, Canada, top 500 / **24.00 puncte / poz 9 Tabel**
10. Consolidarea de echipe de cercetare 4 ani x 3 pers (2008-2011, Crainic, Crişan, Lahrichi) / **12.00 puncte / poz 10 Tabel**
11. Dezvoltarea de colecţii de date de largă utilitate: romania2950.tsp **/ 2.00 puncte / poz 13 Tabel**
12. Alte merite, la decizia universităţii: membru în comitet de program, recenzii articole, participare conferințe necotate, premiere UEFISCDI - competiţia anuală „Articole", max 3.6 conferenţiar, max 6 profesor / **3.00 puncte / poz 15 Tabel**

unde “Tip indicator” este:

Nr. crt.	Tip indicator	Calcul	Unitate de măsură
1	Cărţi autor/editate şi capitole în edituri de categoria (clasament SENSE): Cărţi (A) Cărţi (B) sau capitole (A) Cărţi (C) sau capitole (B) Cărţi (D, E sau nelistate) sau capitole (C) Capitole (D, E sau nelistate)	 16 / max (1,n-2) 8 / max (1,n-2) 4 / max (1,n-2) 2 / max (1,n-2) 1 / max (1,n-2)	Pe volum sau capitol
2	Editor prceedings la conferinţele de tip: - A | B | C | D	(8|4|2|1)/max (1,n-2)	Pe volum
3	Publicarea unui curs universitar în format electronic	2	Pe curs
4	Director/editor al unei reviste de tip: - A | B | C | D	24 | 12 | 6 | 3	Pe revistă
5	Director (coordonator/responsabil) | membru al unui grant/proiect/contract/program de cercetare naţional /internaţional a cărui valoare intrată în instituţie este ≥200000 Euro, ca director | membru 100000-199999 Euro, ca director | membru 50000-99999 Euro, ca director | membru <50000 Euro, ca director | membru	 8 | 4 6 | 3 4 | 2 2 | 1	Pe grant / proiect / contract / program
6	Membru în comitetul ştiinţific (de program) al unor conferinţe, simpozioane, workshop-uri, de tip: - A | B | C | D	4 | 2 | 1 | 0,5	Pe eveniment
7	Organizare evenimente ştiinţifice/şcoli de vară, în calitate de: - director | membru în comitetul de organizare	2 | 1	Pe eveniment
8	Keynote/invited speaker la evenimente/universităţi[2]: - de tip A/top 100 - de tip B/şcoli de vară internaţionale/top 200 - de tip C, şcoli de vară naţionale, conferinţe ale Academiei Române/top 500 - de tip D/evenimente locale/top 1000	 8 4 2 1	Pe eveniment / conferinţă
9	Profesor/researcher asociat/visiting la o universitate din: - top 100 - top 200 - top 500 - top 1000	 8 * nr. luni 4 * nr. luni 2 * nr. luni nr. luni	Pe vizita (pt vizite scurte cu predare intensivă se pot face echivalari: 1 lună = 16 ore de predare) Max. 24 puncte
10	Consolidare de echipe de cercetare dovedită prin publicaţii, participări în proiecte, dezvoltarea de instrumente software, resurse şi colectii de date de largă utilitate	Nr. persoane * nr. ani de activitate comună	Pe echipe de minim 3 persoane
11	Membru în comisii de evaluare a tezelor de doctorat la o universitate din top: - 100 | 200 | 500 | 1000	4 | 2 | 1 | 0,5	Pe teză
12	Brevete şi invenţii active (OSIM, ORDA etc.)	8 / max (1,n-2)	Pe brevet/invenţie
13	Dezvoltarea de pachete şi instrumente software, dezvoltarea de resurse şi colecţii de date de largă utilitate (probate prin numar de accesări, publicarea pe site-uri open source etc.)	2 * nr.produse / max (1, n - 2)	Pe produs
14	Poziţii de conducere în organizaţii profesionale: - internaţionale | naţionale	 4 | 2	Pe organizaţie
15	Premii şi alte merite (la decizia universităţii sau a institutului de cercetare)	Max 10% din punctajul criteriului	-

Preşedinte **Semnătura**

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Membrii comisiei

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