

UNIVERSITATEA "SAPIENTIA" DIN CLUJ-NAPOCA
FACULTATEA DE ȘTIINȚE TEHNICE ȘI UMANISTE TÂRGU MUREȘ
DEPARTAMENTUL MATEMATICĂ-INFORMATICĂ

Concurs pentru ocuparea postului de **CONFERENȚIAR** poz. 6

Domeniul de știință **INFORMATICĂ**

Disciplinele postului scos la concurs:

Algoritmi paraleli și distribuiți

Proiectare interfețe utilizator

FIȘA DE VERIFICARE

a îndeplinirii standardelor universității de prezentare la concurs pentru postul de
conferențiar universitar

Candidat: Iclănzan David Andrei / Data nașterii: 15.11.1982

Funcția actuală: Șef lucrări, Data numirii în funcția actuală: 2012, Instituția: Universitatea Sapientia
din Cluj-Napoca

1. Studiile universitare

Nr. crt.	Instituția de învățământ superior și facultatea absolvită	Domeniul	Perioada	Titlul acordat
1	Universitatea "SAPIENTIA" din Cluj-Napoca, Facultatea de Științe Tehnice și Umaniste din Târgu Mureș	Informatică	2001-2005	Licențiat în Informatică
2	Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Matematică-Informatică	Sisteme Inteligente	2005-2006	Masterat în Sisteme Inteligente

2. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Titlul științific acordat
1	Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Matematică-Informatică	Informatică	2006-2010	Doctor în Informatică

3. Studii și burse postdoctorale (stagii de cel puțin 6 luni)

Nr. crt.	Țara / Unitatea	Domeniul / Specializarea	Perioada	Tipul de bursă
1	România, Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Matematică-Informatică	Informatică, proiectul POSDRU/89/1.5/S/60189 - Dezvoltarea și susținerea de programe postdoctorale multidisciplinare în domenii tehnice prioritare ale strategiei naționale de cercetare - dezvoltare - inovare, 5601 - Modele și	2010-2013	Postdoc

		<i>tehnici ale tehnologiei informaționale și de comunicație (TIC) pentru studiul unor sisteme colaborative</i>		
2	<i>Elveția, University of Lausanne, Lausanne</i>	<i>Informatică, proiectul CNaFL - Complex-Networks Analysis of Fitness Landscapes, Sciex</i>	<i>2013-2014</i>	<i>Postdoc</i>

4. Grade didactice/profesionale anterioare

Nr. crt.	Instituția	Domeniul	Perioada	Titlul/postul didactic sau gradul/postul profesional
1	<i>Universitatea "SAPIENTIA" din Cluj-Napoca</i>	<i>Informatică</i>	<i>2006-2010</i>	<i>Preparator universitar</i>
2	<i>Universitatea "SAPIENTIA" din Cluj-Napoca</i>	<i>Informatică</i>	<i>2010-2012</i>	<i>Asistent universitar</i>
3	<i>Universitatea "SAPIENTIA" din Cluj-Napoca</i>	<i>Informatică</i>	<i>2012-2019</i>	<i>Șef lucrări</i>

5. Gradul de îndeplinire a indicatorilor ¹

Criteriu	Indicator minim	Realizat
Etica cercetării (perspectiva a)	Respectarea normelor de etică a cercetării	DA
Producția științifică (perspectiva b)	Valoarea punctajului publicațiilor P de minim 32 puncte (din care 16 puncte din lucrări de cel puțin categoria B)	DA [154.5(142)] 482%(887%)
Impactul rezultatelor (perspectiva c)	Punctajul citărilor C de 48 puncte (din care 12 puncte din forumuri de minim categoria B)	DA [287.33(232.66)] 598%(1933%)
Performanța academică (perspectiva d)	36 puncte	DA [62.6] 173%

Candidat,

ICLĂNZAN David Andrei

¹ În conformitate cu standardele minimale stabilite în anexele OM 6129/2016 pentru domeniul de știință al postului

JUSTIFICARE

conform

“Ordinul ministrului Educației Naționale și Cercetării Științifice nr. 6.129/2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior”

Data publicării: 22.12.2016

Perspectiva b) : Producția științifică.

Nr. Crt.	Publicație	Cat.	Nr. aut.	Pct.
1	Iclănzan, David, Sándor Miklós Szilágyi, and László Szilágyi. "Evolving Computationally Efficient Hashing for Similarity Search." In <i>International Conference on Neural Information Processing</i> , ICONIP 2018. Lecture Notes in Computer Science, vol 11302., pp. 552-563. Springer, Cham, 2018..	A	3	8
2	Kapás, Zoltán, László Lefkovits, David Iclănzan, Ágnes Györfi, Barna László Iantovics, Szidónia Lefkovits, Sándor Miklós Szilágyi, and László Szilágyi. "Automatic Brain Tumor Segmentation in Multispectral MRI Volumes Using a Random Forest Approach." In <i>Pacific-Rim Symposium on Image and Video Technology</i> , pp. 137-149. Springer, Cham, 2017.	B	8	0.66
3	Iclănzan, David, and László Szilágyi. "Neural Population Coding of Stimulus Features." In <i>International Conference on Neural Information Processing</i> , pp. 263-270. Springer, Cham, 2015.	A	2	8
4	Szilágyi, László, László Lefkovits, Barna Iantovics, David Iclănzan, and Balázs Benyó. "Automatic brain tumor segmentation in multispectral MRI volumetric records." In <i>International Conference on Neural Information Processing</i> , pp. 174-181. Springer, Cham, 2015.	A	5	2.66
5	Iclănzan, David, Fabio Daolio, and Marco Tomassini. "Data-driven local optima network characterization of QAPLIB instances." In <i>Proceedings of the 2014 Annual Conference on Genetic and Evolutionary Computation</i> , pp. 453-460. ACM, 2014.	A	3	8
6	Iclănzan, David, Fabio Daolio, and Marco Tomassini. "Learning inherent networks from stochastic search methods." In <i>European Conference on Evolutionary Computation in Combinatorial Optimization</i> , pp. 157-169. Springer, Berlin, Heidelberg, 2014.	C	3	2
7	Iclănzan, David. "Global Optimization of Multimodal Deceptive Functions." In <i>European Conference on Evolutionary Computation in Combinatorial Optimization</i> , pp. 145-156. Springer, Berlin, Heidelberg, 2014.	C	1	2

8	Iclanzan, David, and Camelia Chira. "A Parallel Multiobjective Approach to Evolving Cellular Automata Rules by Cell State Change Dynamics." In <i>Computational Intelligence and 11th Brazilian Congress on Computational Intelligence (BRICS-CCI & CBIC), 2013 BRICS Congress on</i> , pp. 262-269. IEEE, 2013.	A	2	8
9	Iclănzan, David, Anca Gog, and Camelia Chira. "Cell state change dynamics in cellular automata." <i>Memetic Computing</i> 5, no. 2 (2013): 131-139.	C	3	2
10	Iclănzan, David, Noémi Gaskó, Réka Nagy, and D. Dumitrescu. "Multiobjective Evolution of Mixed Nash Equilibria." In <i>International Conference on Learning and Intelligent Optimization</i> , pp. 304-314. Springer, Berlin, Heidelberg, 2013.	C	4	1
11	Iclănzan, David. "A multi-parent search operator for bayesian network building." In <i>International Conference on Parallel Problem Solving from Nature</i> , pp. 246-255. Springer, Berlin, Heidelberg, 2012.	A	1	8
12	Iclanzan, David. "Higher-order linkage learning in the ECGA." In <i>Proceedings of the 14th annual conference on Genetic and evolutionary computation</i> , pp. 265-272. ACM, 2012.	A	1	8
13	Chira, Camelia, Anca Gog, and David Iclănzan. "Evolutionary detection of community structures in complex networks: A new fitness function." In <i>Evolutionary Computation (CEC), 2012 IEEE Congress on</i> , pp. 1-8. IEEE, 2012.	A	3	8
14	Iclănzan, David, and Camelia Chira. "Modeling and replicating higher-order dependencies in genetic algorithms." In <i>Evolutionary Computation (CEC), 2012 IEEE Congress on</i> , pp. 1-8. IEEE, 2012.	A	2	8
15	Szilágyi, László, Sándor Miklós Szilágyi, David Iclănzan, and Lehel Szabó. "Efficient 3D curve skeleton extraction from large objects." In <i>Iberoamerican Congress on Pattern Recognition</i> , pp. 133-140. Springer, Berlin, Heidelberg, 2011.	C	4	1
16	Szilágyi, László, David Iclănzan, Lehel Crăciun, and Sándor Miklós Szilágyi. "An efficient approach to intensity inhomogeneity compensation using c-means clustering models." In <i>Iberoamerican Congress on Pattern Recognition</i> , pp. 312-319. Springer, Berlin, Heidelberg, 2011.	C	4	1
17	Iclanzan, David. "Hierarchical allelic pairwise independent functions." In <i>Proceedings of the 13th annual conference on Genetic and evolutionary computation</i> , pp. 633-640. ACM, 2011.	A	1	8
18	Iclănzan, David, Anca Gog, and Camelia Chira. "Enhancing the computational mechanics of cellular automata." In <i>Nature Inspired Cooperative Strategies for Optimization (NISCO 2011)</i> , pp. 267-283. Springer, Berlin, Heidelberg, 2011.	C	3	2
19	Iclănzan, David, and Dumitru Dumitrescu. "Graph clustering based model building." In <i>International Conference on Parallel Problem Solving from Nature</i> , pp. 506-515. Springer, Berlin, Heidelberg, 2010.	A	2	8

20	Szilágyi, Sándor M., László Szilágyi, David Iclanzan, László Dávid, Attila Frigy, and Zoltán Benyó. "Intensity inhomogeneity correction and segmentation of magnetic resonance images using a multi-stage fuzzy clustering approach." <i>Neural Network World</i> 19, no. 5 (2009): 513.	C	6	0.5
21	Szilágyi, László, David Iclanzan, Sandor M. Szilagy, Dan Dumitrescu, and Béat Hirsbrunner. "A generalized c-means clustering model using optimized via evolutionary computation." In <i>Fuzzy Systems, 2009. FUZZ-IEEE 2009. IEEE International Conference on</i> , pp. 451-455. IEEE, 2009.	A	5	2.66
22	Iclanzan, David, Béat Hirsbrunner, Michele Courant, and D. Dumitrescu. "Cooperation in the context of sustainable search." In <i>Evolutionary Computation, 2009. CEC'09. IEEE Congress on</i> , pp. 1904-1911. IEEE, 2009.	A	4	4
23	Iclanzan, David, and Dumitru Dumitrescu. "Large-scale optimization of non-separable building-block problems." In <i>International Conference on Parallel Problem Solving from Nature</i> , pp. 899-908. Springer, Berlin, Heidelberg, 2008.	A	2	8
24	Szilágyi, László, David Iclanzan, Sándor M. Szilágyi, and Dan Dumitrescu. "GeCiM: a novel generalized approach to c-means clustering." In <i>Iberoamerican Congress on Pattern Recognition</i> , pp. 235-242. Springer, Berlin, Heidelberg, 2008.	C	4	1
25	Iclanzan, David, and D. Dumitrescu. "Going for the big fishes: discovering and combining large neutral and massively multimodal building-blocks with model based macro-mutation." In <i>Proceedings of the 10th annual conference on Genetic and evolutionary computation</i> , pp. 423-430. ACM, 2008.	A	2	8
26	Iclanzan, David, and Dumitru Dumitrescu. "Towards memoryless model building." In <i>Proceedings of the 10th annual conference companion on Genetic and evolutionary computation</i> , pp. 2147-2152. ACM, 2008.	A	2	8
27	Iclanzan, David, and Dan Dumitrescu. "How can Artificial Neural Networks help making the intractable search spaces tractable." In <i>Evolutionary Computation, 2008. CEC 2008. (IEEE World Congress on Computational Intelligence). IEEE Congress on</i> , pp. 4015-4022. IEEE, 2008.	A	2	8
28	Iclanzan, David. "The creativity potential within evolutionary algorithms." In <i>European Conference on Artificial Life</i> , pp. 845-854. Springer, Berlin, Heidelberg, 2007.	B	1	4
29	Iclanzan, David, and Dan Dumitrescu. "Overcoming hierarchical difficulty by hill-climbing the building block structure." In <i>Proceedings of the 9th annual conference on Genetic and evolutionary computation</i> , pp. 1256-1263. ACM, 2007.	A	2	8
30	Iclanzan, David, and Dan Dumitrescu. "Crossover: the divine afflatus in search." In <i>Proceedings of the 9th annual conference on Genetic and evolutionary computation</i> , pp. 2497-2502. ACM, 2007.	A	2	8
SUBTOTAL doar din lucrări de cel puțin categoria B				142
TOTAL				154.5

Perspectiva c) : Impactul rezultatelor.

24 lucrări citate, 91 citări independente

Publicație	Citări independente	Cat.	Nr. Aut.	Pct.
Kapás, Zoltán, László Lefkovits, David Iclănzan, Ágnes Gyórfi, Barna László Iantovics, Szidónia Lefkovits, Sándor Miklós Szilágyi, and László Szilágyi. "Automatic Brain Tumor Segmentation in Multispectral MRI Volumes Using a Random Forest Approach." In <i>Pacific-Rim Symposium on Image and Video Technology</i> , pp. 137-149. Springer, Cham, 2017.	1		8	
	Stoean, Ruxandra. "Analysis on the potential of an EA-surrogate modelling tandem for deep learning parametrization: an example for cancer classification from medical images." <i>Neural Computing and Applications</i> (2018): 1-10.	B		0.66
Szilágyi, László, László Lefkovits, Barna Iantovics, David Iclănzan, and Balázs Benyó. "Automatic brain tumor segmentation in multispectral MRI volumetric records." In <i>International Conference on Neural Information Processing</i> , pp. 174-181. Springer, Cham, 2015.	1		5	
	Vajk, István, Gábor Harsányi, András Poppe, Sándor Imre, Bálint Kiss, Ákos Jobbágy, Gyula Katona, Lajos Nagy, Gábor Magyar, and István Kiss. "BME VIK Annual Research Report on Electrical Engineering and Computer Science 2015." <i>Periodica Polytechnica Electrical Engineering and Computer Science</i> 60, no. 1 (2016): 1-36.	D		0.33
Iclănzan, David, Fabio Daolio, and Marco Tomassini. "Data-driven local optima network characterization of QAPLIB instances." In <i>Proceedings of the 2014 Annual Conference on Genetic and Evolutionary Computation</i> , pp. 453-460. ACM, 2014.	9		3	
	Ochoa, Gabriela, and Nadarajen Veerapen. "Additional dimensions to the study of funnels in combinatorial landscapes." In <i>Proceedings of the Genetic and Evolutionary Computation Conference 2016</i> , pp. 373-380. ACM, 2016.	A		8
	Ochoa, Gabriela, Nadarajen Veerapen, Darrell Whitley, and Edmund K. Burke. "The multi-funnel structure of TSP fitness landscapes: a visual exploration." In <i>International Conference on Artificial Evolution (Evolution Artificielle)</i> , pp. 1-13. Springer, Cham, 2015.	C		2
	Veerapen, Nadarajen, Gabriela Ochoa, Renato Tinós, and Darrell Whitley. "Tunnelling crossover networks for the asymmetric TSP." In <i>International Conference on Parallel Problem Solving from Nature</i> , pp. 994-1003. Springer, Cham, 2016.	A		8
	Ochoa, Gabriela, and Nadarajen Veerapen. "Mapping the global structure of TSP fitness landscapes." <i>Journal of Heuristics</i> 24, no. 3 (2018): 265-294.	B		4

	Bozejko, Wojciech, Andrzej Gnatowski, Teodor Niżyński, Michael Affenzeller, and Andreas Beham. "Local Optima Networks in Solving Algorithm Selection Problem for TSP." In <i>International Conference on Dependability and Complex Systems</i> , pp. 83-93. Springer, Cham, 2018.	C		2
	Thomson, Sarah L., Sébastien Verel, Gabriela Ochoa, Nadarajen Veerapen, and David Cairns. "Multifractality and dimensional determinism in local optima networks." In <i>Proceedings of the Genetic and Evolutionary Computation Conference</i> , pp. 371-378. ACM, 2018.	A		8
	Liu, Jing, Hussein A. Abbass, and Kay Chen Tan. "Problem Difficulty Analysis Based on Complex Networks." In <i>Evolutionary Computation and Complex Networks</i> , pp. 39-52. Springer, Cham, 2019.	B		4
	Thomson, Sarah L., Gabriela Ochoa, Fabio Daolio, and Nadarajen Veerapen. "The effect of landscape funnels in QAPLIB instances." In <i>Proceedings of the Genetic and Evolutionary Computation Conference Companion</i> , pp. 1495-1500. ACM, 2017.	A		8
	Herrmann, Sebastian, Gabriela Ochoa, and Franz Rothlauf. "Coarse-Grained Barrier Trees of Fitness Landscapes." In <i>International Conference on Parallel Problem Solving from Nature</i> , pp. 901-910. Springer, Cham, 2016.	A		8
Iclănzan, David, Fabio Daolio, and Marco Tomassini. "Learning inherent networks from stochastic search methods." In <i>European Conference on Evolutionary Computation in Combinatorial Optimization</i> , pp. 157-169. Springer, Berlin, Heidelberg, 2014.	1		3	
	Goldman, Brian W., and William F. Punch. "Hyperplane elimination for quickly enumerating local optima." In <i>European Conference on Evolutionary Computation in Combinatorial Optimization</i> , pp. 154-169. Springer, Cham, 2016.	C		2
Iclănzan, David, Anca Gog, and Camelia Chira. "Cell state change dynamics in cellular automata." <i>Memetic Computing</i> 5, no. 2 (2013): 131-139.	1		3	
	Miao ZH, Li ZH: A hybrid evacuation model and simulation based on SPH method (Chinese). <i>Acta Automatica Sinica</i> 40(5):935-941, 2014, ISSN 1874-1029	D		1
Iclănzan, David. "Higher-order linkage learning in the ECGA." In <i>Proceedings of the 14th annual conference on Genetic and evolutionary computation</i> , pp. 265-272. ACM, 2012.	1		1	
	Martins, Jean P., and Alexandre CB Delbem. "Pairwise independence and its impact on Estimation of Distribution Algorithms." <i>Swarm and Evolutionary Computation</i> 27 (2016): 80-96, Elsevier.	A		8
Chira, Camelia, Anca Gog, and David Iclănzan. "Evolutionary detection of community structures in complex networks: A new fitness function." In <i>Evolutionary Computation (CEC). 2012 IEEE Congress on</i> , pp. 1-8. IEEE, 2012.	12		3	
	Chakraborty, Tanmoy, Ayushi Dalmia, Animesh Mukherjee, and Niloy Ganguly. "Metrics for community analysis: A survey." <i>ACM Computing Surveys (CSUR)</i> 50, no. 4 (2017): 54.	A*		12
	Choudhury, Deepjyoti, and Arnab Paul. "Community detection in social networks: an overview." <i>Int J Res Eng Technol</i> 2, no. 2 (2013): 83-88.	D		1
	Ahuja, Mini Singh, Randeep Kaur, and Dinesh Kumar. "Trend towards the use of complex networks in cloud computing environment." <i>Int J Hybrid Inf Technol</i> 8, no. 3 (2015): 297-306.	D		1

	Suciu, Mihai, Rodica Ioana Lung, and Noémi Gaskó. "Mixing network extremal optimization for community structure detection." In <i>European Conference on Evolutionary Computation in Combinatorial Optimization</i> , pp. 126-137. Springer, Cham, 2015.	C		2
	Zadeh, Pooya Moradian, and Ziad Kobti. "Community detection in social networks by cultural algorithm." In <i>Collaboration Technologies and Systems (CTS), 2015 International Conference on</i> , pp. 319-325. IEEE, 2015.	D		1
	FO de França, Fabricio Olivetti, and Guilherme Palermo Coelho. "A flexible fitness function for community detection in complex networks." In <i>Complex Networks VI</i> , pp. 1-12. Springer, Cham, 2015.	D		1
	Joldos, Marius, and Camelia Chiral. "A parallel evolutionary approach to community detection in complex networks." In <i>2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)</i> , pp. 247-254. IEEE, 2017.	C		2
	Kang, Ying, Xiaoyan Gu, Weiping Wang, and Dan Meng. "Scalable Clustering Algorithm via a Triangle Folding Processing for Complex Networks." In <i>Proceedings of the 24th ACM International on Conference on Information and Knowledge Management</i> , pp. 33-42. ACM, 2015.	A		8
	Jora, Cristian, and Camelia Chira. "Evolutionary community detection in complex and dynamic networks." In <i>Intelligent Computer Communication and Processing (ICCP), 2016 IEEE 12th International Conference on</i> , pp. 127-134. IEEE, 2016.	B		4
	Jora, C. and Chira, C., 2016, September. Evolutionary community detection in complex and dynamic networks. In <i>Intelligent Computer Communication and Processing (ICCP), 2016 IEEE 12th International Conference on</i> (pp. 127-134). IEEE.	C		2
	SHARMA, NEETIKA, VIBHUTI BANSAL, DEEPALI JAIN, and POOJA TRIPATHI. "TREND TOWARDS THE USE OF COMPLEX NETWORKS IN CLOUD COMPUTING ENVIRONMENT." <i>Journal on Recent Innovation in Cloud Computing, Virtualization & Web Applications [ISSN: 2581-544X (online)]</i> 2, no. 1 (2018).	D		1
	Toujani, Radhia, and Jalel Akaichi. "A Model Based Metaheuristic for Hybrid Hierarchical Community Structure in Social Networks." <i>ISI</i> 1 (2017): 1.	D		1
Szilágyi, László, Sándor Miklós Szilágyi, David Iclănzan, and Lehel Szabó. "Efficient 3D curve skeleton extraction from large objects." In <i>Iberoamerican Congress on Pattern Recognition</i> , pp. 133-140. Springer, Berlin, Heidelberg, 2011.	4		4	
	Benyó, Balázs. "Identification of dental root canals and their medial line from micro-CT and cone-beam CT records." <i>Biomedical engineering online</i> 11, no. 1 (2012): 81.	C		1
	Bakken, Rune Havnung, and Lars Moland Eliassen. "Real-time three-dimensional skeletonisation using general-purpose computing on graphics processing units applied to computer vision-based human pose estimation." <i>The International Journal of High Performance Computing Applications</i> 31, no. 4 (2017): 259-273.	A		4
	Lu, Lu, and Xuewen Wang. "3D Skeleton Extraction Method using Potential Field on OpenCL." In <i>3rd International Conference on Computer Science and Service System</i> . Atlantis Press, 2014.	D		0.5
	Benyó, Balázs István. "Képfeldolgozó eljárások hatékonyságának növelése az orvosiinformatikában." PhD diss., Budapesti Műszaki és Gazdaságtudományi Egyetem, 2013.	D		0.5
Szilágyi, László, David Iclănzan, Lehel Crăciun, and Sándor Miklós Szilágyi. "An efficient approach to intensity inhomogeneity compensation using c-means clustering models." In <i>Iberoamerican Congress on Pattern Recognition</i> , pp. 312-319.	2		4	

Springer, Berlin, Heidelberg, 2011.				
	Varvak, Mark. "Ellipsoidal/radial basis functions neural networks enhanced with the Rvachev function method in application problems." <i>Engineering Applications of Artificial Intelligence</i> 38 (2015): 111-121, Elsevier.	B		2
	Lefkovits, László, Szidónia Lefkovits, Petre Pop, and Mircea-Florin Vaida. "Bias field inhomogeneity measurements." In <i>E-Health and Bioengineering Conference (EHB), 2015</i> , pp. 1-4. IEEE, 2015.	D		0.5
Iclănzan, David, Péter István Fülöp, Camelia Chira, and Anca Gog. "Towards the efficient evolution of particle-based computation in cellular automata." In <i>Proceedings of the 13th annual conference companion on Genetic and evolutionary computation</i> , pp. 835-836. ACM, 2011.	1		4	
	Thakre, Akshay. "Information Flow in the Spatiotemporal Dynamics of Cellular Automata." (2012).	D		0.5
Iclănzan, David. "Hierarchical allelic pairwise independent functions." In <i>Proceedings of the 13th annual conference on Genetic and evolutionary computation</i> , pp. 633-640. ACM, 2011.	2		1	
	Martins, Jean P., and Alexandre CB Delbem. "Pairwise independence and its impact on Estimation of Distribution Algorithms." <i>Swarm and Evolutionary Computation</i> 27 (2016): 80-96, Elsevier.	A		8
	Nikanjam, Amin, and Hossein Karshenas. "Multi-structure problems: Difficult model learning in discrete EDAs." In <i>Evolutionary Computation (CEC), 2016 IEEE Congress on</i> , pp. 3448-3454. IEEE, 2016.	B		4
	DIVERSITY MAINTENANCE BEHAVIOR ON EVOLUTIONARY MULTI-OBJECTIVE OPTIMIZATION PRESENTER : TSUNG YU HO 2011.11.27 AT TEILAB, https://vdocuments.mx/diversity-maintenance-behavior-on-evolutionary-multi-objective-optimization.html	D		1
Iclănzan, David, Anca Gog, and Camelia Chira. "Enhancing the computational mechanics of cellular automata." In <i>Nature Inspired Cooperative Strategies for Optimization (NICSO 2011)</i> , pp. 267-283. Springer, Berlin, Heidelberg, 2011.			3	
	D'Eleuterio, Gabriele MT, and Paul Grouchy. "Evolving cellular automata to perform user-defined computations." In <i>Proceedings of the European Conference on Artificial Life 13</i> , pp. 84-91. One Rogers Street, Cambridge, MA 02142-1209 USA journals-info@mit.edu: MIT Press, 2016.	B		4
Chira, Camelia, Anca Gog, Rodica Ioana Lung, and David Iclănzan. "COMPLEX SYSTEMS AND CELLULAR AUTOMATA MODELS IN THE STUDY OF COMPLEXITY." <i>Studia Universitatis Babes-Bolyai, Informatica</i> 55, no. 2 (2010).	14		4	
	Kaul, Himanshu, and Yiannis Ventikos. "Investigating biocomplexity through the agent-based paradigm." <i>Briefings in bioinformatics</i> 16, no. 1 (2013): 137-152.	D		0.5
	Gog, Anca, and Camelia Chira. "Dynamics of networks evolved for cellular automata computation." In <i>International Conference on Hybrid Artificial Intelligence Systems</i> , pp. 359-368. Springer, Berlin, Heidelberg, 2012.	C		1

	Chira, Camelia, and Anca Gog. "Collaborative community detection in complex networks." In <i>International Conference on Hybrid Artificial Intelligence Systems</i> , pp. 380-387. Springer, Berlin, Heidelberg, 2011.	C		1
	Andreica, Anca, and Camelia Chira. "Using a hybrid cellular automata topology and neighborhood in rule discovery." In <i>International Conference on Hybrid Artificial Intelligence Systems</i> , pp. 669-678. Springer, Berlin, Heidelberg, 2013.	C		1
	Chelani, Asha. "Long-memory property in air pollutant concentrations." <i>Atmospheric Research</i> 171 (2016): 1-4, Elsevier.	A		4
	Andreica, Anca, and Camelia Chira. "Evolution and dynamics of node-weighted networks for cellular automata computation." <i>Logic Journal of the IGPL</i> 23, no. 3 (2015): 400-409.	D		0.5
	Andreica, Anca, and Camelia Chira. "Weighted Majority Rule for Hybrid Cellular Automata Topology and Neighborhood." <i>Studia Universitatis Babe-Bolyai, Informatica series</i> 58, no. 2 (2013): 65-76.	D		0.5
	Birdsey, Lachlan, Claudia Szabo, and Katrina Falkner. "Identifying Self-Organization and Adaptability in Complex Adaptive Systems." In <i>Self-Adaptive and Self-Organizing Systems (SASO). 2017 IEEE 11th International Conference on</i> , pp. 131-140. IEEE, 2017.	D		0.5
	Birdsey, Lachlan, Claudia Szabo, and Katrina Falkner. "Large-scale complex adaptive systems using multi-agent modeling and simulation." In <i>Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems</i> , pp. 1478-1480. International Foundation for Autonomous Agents and Multiagent Systems, 2017.	A*		6
	DIOSAN, LAURA, ANCA ANDREICA, and ALINA ENESCU. "THE USE OF SIMPLE CELLULAR AUTOMATA IN IMAGE PROCESSING." <i>Studia Universitatis Babes-Bolyai, Informatica</i> 62, no. 1 (2017).	D		0.5
	Andreica, Anca, Laura Diosan, and Andreea Sandor. "Exploring various neighborhoods in Cellular Automata for image segmentation." In <i>Intelligent Computer Communication and Processing (ICCP), 2016 IEEE 12th International Conference on</i> , pp. 249-255. IEEE, 2016.	C		1
	Andreica, Anca, Laura Diosan, and Andreea Sandor. "Exploring various neighborhoods in Cellular Automata for image segmentation." In <i>Intelligent Computer Communication and Processing (ICCP), 2016 IEEE 12th International Conference on</i> , pp. 249-255. IEEE, 2016.	C		1
	Andreica, Anca, Laura Diosan, and S. Andreea. "Investigation of Cellular Automata Neighbourhoods in Image Segmentation." In <i>6th International Workshop on Combinations of Intelligent Methods and Applications (CIMA 2016)</i> , p. 1. 2016.	B		2
	Gog, Anca, and Camelia Chira. "COLLABORATIVE SEARCH OPERATORS FOR EVOLUTIONARY APPROACHES TO DENSITY CLASSIFICATION IN CELLULAR AUTOMATA." <i>Studia Universitatis Babes-Bolyai, Informatica</i> 56, no. 2 (2011).	D		0.5
Szilágyi, Sándor M., László Szilágyi, David Iclanzan, László Dávid, Attila Frigy, and Zoltán Benyó. "Intensity inhomogeneity correction and segmentation of magnetic resonance images using a multi-stage fuzzy clustering approach." <i>Neural Network World</i> 19, no. 5 (2009): 513.			2	6
	Szilágyi, László, Sándor M. Szilágyi, Balázs Benyó, and Zoltán Benyó. "Intensity inhomogeneity compensation and segmentation of MR brain images using hybrid c-means clustering models." <i>Biomedical Signal Processing and Control</i> 6, no. 1 (2011): 3-12, Elsevier.	C		0.5
	Berkane, Mohamed, Patrick Clarysse, and I. E. Magnin. "A neural network based summarizing method of periodic image sequences." <i>Neural Network World</i> 20, no. 6 (2010): 687.	C		0.5

Szilágyi, László, David Iclanzan, Sandor M. Szilagy, Dan Dumitrescu, and Béat Hirsbrunner. "A generalized c-means clustering model using optimized via evolutionary computation." In <i>Fuzzy Systems, 2009. FUZZ-IEEE 2009. IEEE International Conference on</i> , pp. 451-455. IEEE, 2009.	4		5	
范九伦. "抑制式模糊 C-均值聚类研究综述." <i>西安邮电大学学报</i> 19, no. 3 (2014): 1-5.	D			0.33
肖满生, and 张居武. "一种基于子集测度的 FCM 聚类加权指数计算方法." <i>模糊系统与数学</i> 27, no. 2 (2013): 136-141.	D			0.33
Xiao, Mansheng, Juwu Zhang, and Lijuan Zhou. "The Evolutionary Algorithm of Fuzzy Weighting Exponent Based on Subset Measuring." In <i>Intelligent System Design and Engineering Application (ISDEA), 2010 International Conference on</i> , vol. 2, pp. 651-654. IEEE, 2010.	D			0.33
周丽娟, and 王加阳. "基于子集测度的模糊加权指数进化计算方法." <i>计算机工程与设计</i> 32, no. 5 (2011): 1777-1780.	D			0.33
Szilágyi, Sándor M., Laszlo Szilagy, David Iclanzan, and Zoltan Benyo. "A weighted patient specific electromechanical model of the heart." In <i>Applied Computational Intelligence and Informatics, 2009. SACT'09. 5th International Symposium on</i> , pp. 111-116. IEEE, 2009.	2		4	
Mesejo, Pablo, Oscar Ibáñez, Oscar Córdón, and Stefano Cagnoni. "A survey on image segmentation using metaheuristic-based deformable models: state of the art and critical analysis." <i>Applied Soft Computing</i> 44 (2016): 1-29, Elsevier.	A			4
Mesejo, Pablo. "Automatic segmentation of anatomical structures using deformable models and bio-inspired/soft computing." <i>ELCVIA: electronic letters on computer vision and image analysis</i> 13, no. 2 (2014): 24-25.	D			0.5
Iclânzan, David, and Dumitru Dumitrescu. "Large-scale optimization of non-separable building-block problems." In <i>International Conference on Parallel Problem Solving from Nature</i> , pp. 899-908. Springer, Berlin, Heidelberg, 2008.	1		2	
Lima, Cláudio Miguel Faleiro de. "Substructural local search in discrete estimation of distribution algorithms." (2009).	D			1
Szilágyi, László, David Iclânzan, Sándor M. Szilágyi, and Dan Dumitrescu. "GeCiM: a novel generalized approach to c-means clustering." In <i>Iberoamerican Congress on Pattern Recognition</i> , pp. 235-242. Springer, Berlin, Heidelberg, 2008.	1		4	
Szilágyi, Sándor M., László Szilágyi, and Zoltán Benyó. "A patient specific electro-mechanical model of the heart." <i>Computer methods and programs in biomedicine</i> 101, no. 2 (2011): 183-200, Elsevier.	B			2
Iclanzan, David, and D. Dumitrescu. "Going for the big fishes: discovering and combining large neutral and massively multimodal building-blocks with model based macro-mutation." In <i>Proceedings of the 10th</i>	3		2	

annual conference on Genetic and evolutionary computation, pp. 423-430. ACM, 2008.				
	Mills, Rob. "How micro-evolution can guide macro-evolution: Multi-scale search via evolved modular variation." PhD diss., University of Southampton, 2010.	D		1
	Mansfield, C. D., H. H. Mantsch, and H. N. Rutt. "Application of infrared spectroscopy in the measurement of breath trace compounds: A review." <i>Canadian Journal of Analytical Sciences & Spectroscopy</i> 47, no. 1 (2002): 14-28.	D		1
	Du, Jie, and Roy Rada. "Knowledge in memetic algorithms for stock classification." <i>International Journal of Artificial Life Research (IJALR)</i> 4, no. 1 (2014): 13-29.	D		1
Iclanzan, David, and Dumitru Dumitrescu. "Towards memoryless model building." In <i>Proceedings of the 10th annual conference companion on Genetic and evolutionary computation</i> , pp. 2147-2152. ACM, 2008.	1		2	
	Mills, Rob, Thomas Jansen, and Richard A. Watson. "Transforming evolutionary search into higher-level evolutionary search by capturing problem structure." <i>IEEE Transactions on Evolutionary Computation</i> 18, no. 5 (2014): 628-642.	A*		12
Iclanzan, David, and Dan Dumitrescu. "How can Artificial Neural Networks help making the intractable search spaces tractable." In <i>Evolutionary Computation, 2008. CEC 2008. (IEEE World Congress on Computational Intelligence). IEEE Congress on</i> , pp. 4015-4022. IEEE, 2008.	2		2	
	Watson, Richard A., Rob Mills, and Christopher L. Buckley. "Global adaptation in networks of selfish components: Emergent associative memory at the system scale." <i>Artificial Life</i> 17, no. 3 (2011): 147-166.	A		8
	Watson, Richard A., C. L. Buckley, and Rob Mills. "The effect of Hebbian learning on optimisation in Hopfield networks." (2009).	D		1
Iclanzan, David. "The creativity potential within evolutionary algorithms." In <i>European Conference on Artificial Life</i> , pp. 845-854. Springer, Berlin, Heidelberg, 2007.	1		1	
	Szilágyi, László. "Novel image processing methods based on fuzzy logic." (2008).	D		1
Iclanzan, David, and Dan Dumitrescu. "Crossover: the divine afflatus in search." In <i>Proceedings of the 9th annual conference on Genetic and Evolutionary Computation</i> , pp. 2497-2502. ACM, 2007.	2		2	
	Du, Jie, and Roy Rada. "Memetic algorithms, domain knowledge, and financial investing." <i>Memetic Computing</i> 4, no. 2 (2012): 109-125.	C		2
	Du, Jie, and Roy Rada. "Knowledge in memetic algorithms for stock classification." <i>International Journal of Artificial Life Research (IJALR)</i> 4, no. 1 (2014): 13-29.	D		1
Szilágyi, Sandor M., Laszlo Szilágyi, David Iclanzan and Z. Benyó. "Unified Neural Network Based Adaptive ECG Signal Analysis and Compression." <i>Scientific</i>	1		4	

Bulletin of the Politehnica University of Timișoara, Transactions on Automatic Control and Computer Science 51, no. 65 (2006): 27-36.				
	Szilágyi, Sándor Miklós. "Dynamic modeling of the human heart." (2007).	D		0.5
Iclanzan, David, and Dan Dumitrescu. "Overcoming hierarchical difficulty by hill-climbing the building block structure." In <i>Proceedings of the 9th annual conference on Genetic and evolutionary computation</i> , pp. 1256-1263. ACM, 2007.	22		2	
	Yu, Tian-Li, David E. Goldberg, Kumara Sastry, Claudio F. Lima, and Martin Pelikan. "Dependency structure matrix, genetic algorithms, and effective recombination." <i>Evolutionary computation</i> 17, no. 4 (2009): 595-626.	A		8
	Swan, Jerry, Ender Özcan, and Graham Kendall. "Hyperion—a recursive hyper-heuristic framework." In <i>International Conference on Learning and Intelligent Optimization</i> , pp. 616-630. Springer, Berlin, Heidelberg, 2011.	C		2
	Watson, Richard A., Christopher L. Buckley, and Rob Mills. "Optimization in "self-modeling" complex adaptive systems." <i>Complexity</i> 16, no. 5 (2011): 17-26.	A		8
	Watson, Richard A., Rob Mills, and Christopher L. Buckley. "Global adaptation in networks of selfish components: Emergent associative memory at the system scale." <i>Artificial Life</i> 17, no. 3 (2011): 147-166.	A		8
	Watson, Richard A., Niclas Palmius, Rob Mills, Simon T. Powers, and Alexandra Penn. "Can selfish symbioses effect higher-level selection?." In <i>European Conference on Artificial Life</i> , pp. 27-36. Springer, Berlin, Heidelberg, 2009.	B		4
	Mills, Rob, and Richard A. Watson. "Symbiosis enables the evolution of rare complexes in structured environments." In <i>European Conference on Artificial Life</i> , pp. 110-117. Springer, Berlin, Heidelberg, 2009.	B		4
	Pelikan, Martin, Mark W. Hauschild, and Fernando G. Lobo. "Estimation of distribution algorithms." In <i>Springer Handbook of Computational Intelligence</i> , pp. 899-928. Springer, Berlin, Heidelberg, 2015.	B		4
	Watson, Richard A., Rob Mills, and Christopher L. Buckley. "Transformations in the scale of behavior and the global optimization of constraints in adaptive networks." <i>Adaptive Behavior</i> 19, no. 4 (2011): 227-249.	C		2
	Pelikan, Martin, Mark W. Hauschild, and Fernando G. Lobo. "Introduction to estimation of distribution algorithms." <i>MEDAL Report 2012003</i> (2012).	D		1
	Mills, Rob. "How micro-evolution can guide macro-evolution: Multi-scale search via evolved modular variation." PhD diss., University of Southampton, 2010.	D		1
	Mills, Rob, Thomas Jansen, and Richard A. Watson. "Transforming evolutionary search into higher-level evolutionary search by capturing problem structure." <i>IEEE Transactions on Evolutionary Computation</i> 18, no. 5 (2014): 628-642.	A*		12
	Dino, İpek Gürsel. "An evolutionary approach for 3D architectural space layout design exploration." <i>Automation in Construction</i> 69 (2016): 131-150.	A		8
	Pošik, Petr, and Stanislav Vaniček. "Parameter-less local optimizer with linkage identification for deterministic order-k decomposable problems." In <i>Proceedings of the 13th annual conference on Genetic and evolutionary computation</i> , pp. 577-584. ACM, 2011.	A		8
	Chen, Wei-Ming, Chu-Yu Hsu, Tian-Li Yu, and Wei-Che Chien. "Effects of discrete hill climbing on model building forestimation of distribution algorithms." In <i>Proceedings of the 15th annual conference on Genetic and evolutionary computation</i> , pp. 367-374. ACM, 2013.	A		8
	Cox, Chris R., and Richard A. Watson. "Solving building block problems using generative grammar." In <i>Proceedings of the 2014 Annual Conference on Genetic and Evolutionary Computation</i> , pp. 341-348. ACM, 2014.	A		8

	Vuculescu, Oana. "Searching far away from the lamp-post: An agent-based model." <i>Strategic Organization</i> 15, no. 2 (2017): 242-263.	A		8
	Cox, Chris. "Inferring and exploiting compact models of evolutionary problem structure." PhD diss., University of Southampton, 2015.	D		1
	Marwala, Tshilidzi, and Monica Lagazio. "Particle Swarm Optimization and Hill-Climbing Optimized Rough Sets for Modeling Interstate Conflict." In <i>Militarized Conflict Modeling Using Computational Intelligence</i> , pp. 147-164. Springer, London, 2011.	B		4
	Aalvanger, G. H. "Incorporating Domain Knowledge in Permutation Gene-pool Optimal Mixing Evolutionary Algorithms." Master's thesis, 2017.	D		1
	Marwala, Tshilidzi. "Optimization Methods for Estimation of Missing Data." In <i>Computational Intelligence for Missing Data Imputation, Estimation, and Management: Knowledge Optimization Techniques</i> , pp. 210-232. IGI Global, 2009.	D		1
	Hanahara K, Tada Y "An optimal path design taking advantage of hierarchical structure of problem" (Japanese). J Japan Society of Mechanical Engineers 78(796):3881-3893, 2012	D		1
	Neumann, J. Philippe, and Peter Altenbernd. "Ein modularer Lösungsansatz für das University-Course-Timetabling-Problem." In <i>Informatiktage</i> , pp. 43-46. 2010.	D		1
SUBTOTAL doar din lucrări de cel puțin categoria B				232.66
TOTAL				287.33

Perspectiva d): Performanța academică.

Cărți și capitole publicate

Tip	Publicație	Clasificare SENSE	Puncte
carte	David Andrei Iclănzan, "New Techniques in Copmetent Search and Optimization", ISBN 9733028827, 9789733028826, Editura Didactică și Pedagogică, 2010, 160 pagini	nelistat	2
capitol	Iclănzan, David, D. Dumitrescu, and Béat Hirsbrunner. "Pairwise Interactions Induced Probabilistic Model Building." In <i>Exploitation of Linkage Learning in Evolutionary Algorithms</i> , pp. 97-122. Springer, Berlin, Heidelberg, 2010.	B	4
SUBTOTAL			6

Director/editor al unei reviste

Rol	Revista	Categorie	Puncte
editor asistent	Acta Universitatis Sapientiae, Informatica, ISSN 1844-6086	D	3
SUBTOTAL			3

Director (coordonator/responsabil) | membru al unui grant/proiect/contract/program de cercetare național/internațional

Rol	Grant/proiect/contract/program	Puncte
membru MC România	"European Network for Game Theory GAMENET", CA COST Action CA16228, 2017-2020	4
membru	„Dezvoltarea unor tehnologii de simulare computațională 3D a circulației coronariene și perfuziei miocardice bazate pe imagistică de fuziune (COROFLOW)”, PN-III-P2-2.1-BG-2016-0343, nr. 114BG/2016 în cadrul programului UEFISCDI – PNIII – P2 Creșterea competitivității economiei	3

	românești prin CDI – Transfer de cunoaștere la agentul economic – Bridge Grant, 2016-2018	
coordonator/ responsabil	“CNaFL –Complex-Networks Analysis of Fitness Landscapes”, CRUS Sciex, grant from Switzerland through the Swiss contribution to the enlarged European Union, contract nr. 12.061, 2013-2014	4
coordonator/ responsabil	“Metode distribuite de extragere a caracteristicilor și a construcțiilor de modele. Aplicații în detectarea comunităților în rețele complexe de mari dimensiuni”, POSDRU/89/1.5/S/60189 - Dezvoltarea și susținerea de programe postdoctorale multidisciplinare în domenii tehnice prioritare ale strategiei naționale de cercetare - dezvoltare – inovare, 5601 - Modele și tehnici ale tehnologiei informaționale și de comunicație (TIC) pentru studiul unor sisteme colaborative. 2010-2012	2
membru	“Emergence, autoorganization and evolution: New computational models in the study of complex systems”, Grant PN II TE 320, CNCSIS, 2011-2013	2
membru	“New models of natural computation in the study of complexity and in solving complex problems”, PNCDI Grant Parteneriate CNMP PC - 2120, Contract Nr. 11028, 2007 - 2010	1
membru	„New Computational Paradigms for Dynamic Complex Problems”, IDEAS Grant, CNCSIS IDEI – 508, 2007-2010	2
membru	“Detectarea și segmentarea structurilor tubulare în imagini 3D cu rezoluție redusă”, Institutul de Cercetări al Fundației Sapientia (KPI), 2017-2018	1
coordonator/ responsabil	“Călire simulată distribuită, bazată pe modele”, Institutul de Cercetări al Fundației Sapientia (KPI), 2011-2014	2
membru	“Problemele de scheletonizare eficienta a obiectelor spatiale variabile”, Institutul de Cercetări al Fundației Sapientia (KPI), 2009-2010	1
membru	“A jobb-kamra geometriájának és falmozgásának háromdimenziós vizsgálata”, Institutul de Cercetări al Fundației Sapientia (KPI), 2008-2009	1
membru	“Robusztus szivsejtmodell kifejlesztése”, Institutul de Cercetări al Fundației Sapientia (KPI), 2007-2008	1
coordonator/ responsabil	“Tehnici noi de căutare și optimizare competentă”, Burse de cercetare/creatie artistica pentru tinerii doctoranzi tip BD, Cod CNCSIS 173, 2007-2009	2
membru	“Study of Some Elliptic Problems via Critical Points Theory”, CNCSIS Grant AT-8/70, 2005-2007	1
SUBTOTAL		27

Membru în comitetul științific (de program) al unor conferințe, simpozioane, workshop-uri

Activitatea	Categorie	Puncte
Membru comitet program The International Conference on Hybrid Artificial Intelligent Systems (HAIS), Oviedo, Spania, 2018	C	1
Membru comitet program The 6th International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics (MACRO), Târgu Mureș, România, 2017	D	0.5
Membru comitet program The International Conference on Hybrid Artificial Intelligent Systems (HAIS), Logroño, Spania, 2017	C	1
Membru comitet program 13th Workshop on Natural Computing and Applications, în cadrul International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC). Timișoara, România, 2016	D	0.5
Membru comitet program The International Conference on Hybrid Artificial Intelligent Systems (HAIS), Sevilla, Spania, 2016	C	1
Membru comitet program The EVOLVE 2015 International Conference + ECODAM A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computing, Iași, România, 2015	D	0.5
Membru comitet program The 5th International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and	D	0.5

Robotics (MACRO), Târgu Mureș, România, 2015		
Membru comitet program 12th Workshop on Natural Computing and Applications, în cadrul International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC). Timișoara, România, 2015	D	0.5
Membru comitet program The Genetic and Evolutionary Computation Conference (GECCO), Madrid, Spania, 2015	A	4
Membru comitet program The International Conference on Hybrid Artificial Intelligent Systems (HAIS), Bilbao, Spania, 2015	C	1
Membru comitet program 11th Workshop on Natural Computing and Applications, în cadrul International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC). Timișoara, România, 2014	D	0.5
Membru comitet program The Genetic and Evolutionary Computation Conference (GECCO), Vancouver, Canada, 2014	A	4
Membru comitet program The International Conference on Hybrid Artificial Intelligent Systems (HAIS), Salamanca, Spania, 2014	C	1
Membru comitet program EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation IV, Leiden, Olanda, 2013	D	0.5
Membru comitet program The 4th International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics (MACRO), Târgu Mureș, România, 2013	D	0.5
Membru comitet program The Genetic and Evolutionary Computation Conference (GECCO), Amsterdam, Olanda, 2013	A	4
Membru comitet program The International Conference on Hybrid Artificial Intelligent Systems (HAIS), Salamanca, Spania, 2013	C	1
Membru comitet program The 3rd International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics (MACRO), Târgu Mureș, România, 2011	D	0.5
Membru comitet program The 5th edition of the International Workshop on Nature Inspired Cooperative Strategies for Optimization (NICSO), Cluj-Napoca, România, 2011	D	0.5
SUBTOTAL		23

Premii și alte merite

Aprilie 2014 - **EvoCOP 2014**, Best Paper Award, pentru lucrarea „Learning Inherent Networks from Stochastic Search Methods”, Granada, Spania

Iulie 2011 - **GECCO 2011**, Best Paper Award, pentru lucrarea „Hierarchical allelic pairwise independent functions”, Dublin, Irlanda

SUBTOTAL reprezentând 10% din punctajul total al perspectivei d

3.6

TOTAL: 62.6 puncte

Condiții minime de îndeplinit pentru funcția didactică de conferențiar universitar*

- Minim 1 materiale didactice în format tipărit sau electronic, care posedă număr ISSN/ISBN, lectorate (curs/manual/carte de specialitate/monografie etc.) editat ca autor sau co-autor de la ultima promovare dar nu mai mult de 10 ani (comisia de concurs are dreptul de a evalua actualitatea materialului didactic, și de a exclude din punctaj unele materiale considerate neactuale)
- Minimum 15 puncte pentru sprijinirea activităților științifice studențești obținut conform grilei de punctaj 2 în ultimii 5 ani sau minimum 3 lucrări de licență/diplomă sau disertații conduse în ultimii 5 ani
- Îndeplinirea standardelor minime corespunzătoare domeniului postului stabilite prin Ordinul Ministrului nr. 6129/2016.

*Pentru candidații care nu provin din învățământul superior/ sau provin din alte instituții de învățământ superior criteriile privind activitatea didactică (editare material didactic, activitate de îndrumare cercuri științifice, lucrări de diplomă/licență/disertații) pot fi înlocuite cu un punctaj mărit privind activitatea științifică. În acest caz punctajul obținut la evaluarea activității științifice trebuie să fie de minim 1,25 ori punctajul stabilit în standardele minime aferente domeniului postului respectiv.

Grilă de punctaj 2. pentru evaluarea activității de sprijinire a activităților științifice studențești (îndrumare cercuri științifice, evaluarea studenților participanți la conferințe sau concursuri științifice studențești, organizarea de conferințe sau concursuri)

Conferință și/sau concurs național	Conferință și/sau concurs internațional
Organizare conferință științifică studențească și/sau concurs național 5x nr. participare	Organizare conferință științifică studențească și/sau concurs internațional 10x nr. participare
Participarea în juriul unor conferințe științifice studențești/ concurs local 10x nr. participare, conferință științifică studențească/ concurs național 20x nr. participare	Participarea în juriul unor conferințe științifice studențești / concurs internațional 30x nr. participare
Evaluarea lucrărilor științifice studențești 5x nr. lucrare evaluată (local, național)	Evaluarea lucrărilor științifice studențești 10x nr. lucrare evaluată (internațional)
Activitate de conducător științific a studenților la conferințe sau concursuri studențești	
5x nr. participare	10x nr. participare
6x nr. mențiune	12x nr. mențiune
7x nr. Locul III	14x nr. Locul III
8x nr. Locul II	16x nr. Locul II
10x nr. Locul I	20x nr. Locul I

Grilă de punctaj 2. pentru evaluarea activității de sprijinire a activităților științifice studentești (îndrumare cercuri științifice, evaluarea studenților participanți la conferințe sau concursuri științifice studentești, organizarea de conferințe sau concursuri)

Activitatea	Categorie	Puncte
Participarea în juriul “XVII. Kari TDK”, Universitatea Sapientia	local	10
Participarea în juriul “XV. Kari TDK”, Universitatea Sapientia	local	10
Conducător științific, Locul I, “XVI. Kari TDK”, Universitatea Sapientia	local	10
Conducător științific, Locul I, “XX. Erdélyi Tudományos Diákköri Konferencia”, Cluj-Napoca	regional	10
Conducător științific, participare, “XXXIV. OTDK”, Budapesta, Ungaria	internațional	10
Conducător științific, Locul II, “XIV. Kari TDK”, Universitatea Sapientia	local	8
Conducător științific, participare, “XVI. Műszaki Erdélyi Tudományos Diákköri Konferenciá”, Timișoara	internațional	10
Evaluarea lucrărilor științifice studentești	local	45
	TOTAL	113