

DOSAR CONCURS ABILITARE
 Conf. dr. ing. Arpad Gellert
 Centralizator standarde

Structura activității candidatului					Criterii			
Domeniul activităților			Subcategoriile		Indicatori (kpi)	Criterii minime necesare (conferențiar)	Număr realizat	Sumă indicatori realizați
1	2	3	4		5	6	7	8
Activitatea didactică și profesională (A1)	Carti și capitole în carti de specialitate în edituri recunoscute	Carti/ monografii/ capitole ca autor;	A1.1.1	internationale	50 sau 100 / nr. autori		0	0
			A1.1.2	nationale	50 / nr. autori		6	172,74
	Material didactic / Lucrari didactice	Manuale didactice	A1.2.1		40 / nr. autori		1	20
Total A1						100		192,74
Activitatea de cercetare (A2)	Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings		A2.1		(25+30 * factor impact) / nr.de aut		40	872,95
	Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)		A2.2		20 / nr.de autori		7	54,00
	Proprietate intelectuală, brevete de invenție, certificate ORDA		A2.3.1	internationale	35 / nr.de autori		0	0,00
			A2.3.2	nationale	25 / nr.de autori		0	0,00
	Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici, în valoare de minimum 10.000 dolari USA echivalent încasați	Director/ responsabil	A2.4.1.1	internationale	20 * ani de desfășurare		1	10,00
			A2.4.1.2	nationale	10 * ani de desfășurare		1	10,00
			A2.4.2.1	internationale	4 * ani de desfășurare		1	12,00
		Membru în echipă	A2.4.2.2	nationale	2 * ani de desfășurare		7	30,00
Total A2						600		988,95
Recunoașterea și impactul activității (A3)	Citări în carti, reviste și volume ale unor manifestări științifice		A3.1.1	carti, ISI	8 / nr aut art.citat		112	301,75
			A3.1.2	BDI	4 / nr aut art.citat		88	187,59
	Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]		A3.2		10		3	30,00
			A3.3		6		24	144,00

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Avizat Rector,
 Prof. univ. dr. habil. Sorin RADU

Structura activității candidatului					Criterii		
Domeniul activităților			Subcategorii	Indicatori (kpi)	Criterii minime necesare (conferențiar)	Număr realizat	Sumă indicatori realizați
1	2	3	4	5	6	7	8
	de organizare ale manifestarile științifice internaționale indexate BDI						
	Premii în domeniu conferite de Academia Romana, ASTR, AOSR sau premii internaționale de prestigiu		A3.4	15		0	0,00
Total A3					150		663,34
Conditii minime obligatorii pe subcategorii	Cărți de specialitate		A1.1		1	6	
	Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings		A2.1		15	40	
	Granturi / proiecte de cercetare câștigate prin competiție (Director / responsabil partener)		A2.4.1		3 în Q1 sau Q2	12	
	Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS)		A3.1.1		2	2	
	Factor de impact cumulat pentru publicații		A2.1		25	112	
Total A					850		1845,03

21.12.2022

Candidat,
 Conf. univ. dr. ing. Arpad GELLERT



A1. Activitatea didactică și profesională

1. Structura activității candidatului								
		Subcategorii	Indicatori (kpi)	Punctaj Realizat	Numar Autori	Nume Articol /Carte	ISBN, Dovada	
		4	5	6	7	8	9	
Carti si capitole în carti de specialitate in edituri recunoscute	Carti/ monografii/ capitole ca autor;	A1.1.1	internationale	50 / nr. aut	2,5	20	Constantin-Bălă Zamfirescu (coordonator), Alexandru Matei (editor), Vasile-Alexandru Butean, Dragoș Circa, Alin Marius Cruceat, Arpad Gellert, Teodor Ghețiu, Valentin Cătălin Govoreanu, Mihai Neghină, Răzvan Gabriel Pămărac, Radu Emanuil Petrusse, Bogdan-Constantin Pîrveu, Livia Dana Pogan, Radu Ioan Popa, Ștefan Alexandru Precup, Samuel Pușcașu, Sergiu Gabriel Stanciu, Radu Traian Șoroștinean, Nicolae-Adrian Țocu, Radu-Alexandru Voju, Ingineria sistemelor socio-fizico-cibernetice în sisteme de producție, Editura Universității „Lucian Blaga” din Sibiu, 2021.	ISBN 978-606-12-1848-6
		A1.1.2	nationale	50 / nr. aut	3,57	14	Constantin-Bălă Zamfirescu (coordonator), Vasile-Alexandru Butean, Dragoș Circa, Alin Marius Cruceat, Arpad Gellert, Teodor Ghețiu, Valentin Cătălin Govoreanu, Alexandru Matei, Mihai Neghină, Bogdan-Constantin Pîrveu, Ștefan Alexandru Precup, Samuel Pușcașu, Nicolae-Adrian Țocu, Radu-Alexandru Voju, Studii de analiză a arhitecturilor, metodelor și tehnicilor de implementare a celei de-a patra revoluții tehnologice, Editura Universității „Lucian Blaga” din Sibiu, 2021.	ISBN 978-606-12-1847-9
					50	1	Arpad Gellert, Analiza și proiectarea algoritmilor: o abordare pragmatică prin aplicații Java, Ediția a 2-a, Editura Techno Media, 2019.	ISBN 978-606-616-360-6
					50	1	Arpad Gellert, Analiza și proiectarea algoritmilor: o abordare pragmatică prin aplicații Java, Editura Techno Media, 2010.	ISBN 978-606-8030-81-4
					50	1	Arpad Gellert, Beyond the Limits of Modern Processors, Matrix Rom Publishing House, Bucharest, 2008.	ISBN 978-973-755-426-0
					16,67	3	Arpad Gellert, Lucian N. Vintan, Adrian Florea, A Systematic Approach to Predict Unbiased Branches, "Lucian Blaga" University Press, 2007.	ISBN 978-973-739-516-0
		Material didactic / Lucrari didactice	Manuale didactice	A1.2.1		40 / nr. Aut	20	2
					192,74			

21.12.2022

Candidat,
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A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
A2.1 Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	73,70	8,993	4	Lorena M. Olaru, Arpad Gellert, Ugo Fiore, Francesco Palmieri, Electricity Production and Consumption Modeling through Fuzzy Logic, International Journal of Intelligent Systems, Vol. 37, Issue 11, DOI 10.1002/int.22942, pp. 8348-8364, November 2022.	ISSN 0884-8173 (Q1 ISI Thomson Journals IF=8.993)
	20,55	2,592	5	Arpad Gellert, Stefan-Alexandru Precup, Alexandru Matei, Bogdan-Constantin Pirvu, Constantin-Bala Zamfirescu, Real-Time Assembly Support System with Hidden Markov Model and Hybrid Extensions, Mathematics, Vol. 10, Issue 15, DOI 10.3390/math10152725, p. 2725, August 2022.	ISSN 2227-7390 (Q1 ISI Thomson Journals IF=2.592)
	21,00	3,367	6	Arpad Gellert, Darius Sarbu, Stefan-Alexandru Precup, Alexandru Matei, Dragos Circa, Constantin-Bala Zamfirescu, Estimation of Missing LiDAR Data for Accurate AGV Localization, IEEE Access, Vol. 10, DOI 10.1109/ACCESS.2022.3185763, pp. 68416-68428, June 2022.	ISSN 2169-3536 (Q2 ISI Thomson Journals IF=3.367)
	19,84	2,474	5	Stefan-Alexandru Precup, Arpad Gellert, Alexandru Matei, Maria Gita, Constantin-Bala Zamfirescu, Towards an Assembly Support System with Dynamic Bayesian Network, Applied Sciences, Vol. 12, Issue 3, DOI 10.3390/app12030985, p. 985, Switzerland, February 2022.	ISSN 2076-3417 (Q2 ISI Thomson Journals IF=2.474, Scopus)
	41,08	3,275	3	Arpad Gellert, Radu Sorostinean, Bogdan-Constantin Pirvu, Robust Assembly Assistance Using Informed Tree Search with Markov Chains, Sensors, Vol. 22, Issue 2, DOI 10.3390/s22020495, p. 495, January 2022.	ISSN 1424-8220 (Q2 ISI Thomson Journals IF=3.275, Scopus, DBLP)
	50,52	7,587	5	Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, January 2022.	ISSN 2210-6707 (Q1 ISI Thomson Journals IF=7.587, Scopus)
	43,51	0,617	1	Arpad Gellert, Web Usage Mining by Neural Hybrid Prediction with Markov Chain Components, Journal of Web Engineering, River Publishers, Vol. 20, Issue 5, pp. 1279-1296, Denmark, July 2021.	ISSN 1540-9589 (ISI Thomson Journals IF=0.617, DBLP),
	41,08	3,275	3	Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, DOI 10.3390/s21113580, p. 3580, May 2021.	ISSN 1424-8220 (Q2 ISI Thomson Journals IF=3.275, Scopus, DBLP)

A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
	16,54	2,474	6	Arpad Gellert, Stefan-Alexandru Precup, Bogdan-Constantin Pirvu, Ugo Fiore, Constantin-Bala Zamfirescu, Francesco Palmieri, An Empirical Evaluation of Prediction by Partial Matching in Assembly Assistance Systems, Applied Sciences, Vol. 11, Issue 7, DOI 10.3390/app11073278, p. 3278, Switzerland, April 2021.	ISSN 2076-3417 (Q2 ISI Thomson Journals IF=2.474, Scopus)
	26,27	1,794	3	Arpad Gellert, Remus Brad, Image inpainting with Markov Chains, Signal, Image and Video Processing, Vol. 14, Issue 7, DOI: 10.1007/s11760-020-01675-7, pages 1335-1343, October 2020.	ISSN 1863-1703 (ISI Thomson Journals IF=1.794, Scopus, DBLP)
	8,13	0,25	4	Arpad Gellert, Stefan-Alexandru Precup, Bogdan-Constantin Pirvu, Constantin-Bala Zamfirescu, Prediction-Based Assembly Assistance System, 25th International Conference on Emerging Technologies and Factory Automation, Vienna, Austria, September 2020.	ISBN 978-1-7281-8957-4 (indexed ISI, DBLP, Scopus)
	16,25	0,25	2	Arpad Gellert, Constantin-Bala Zamfirescu, Assembly support systems with Markov predictors, Journal of Decision Systems, DOI: 10.1080/12460125.2020.1788798, First online: July 2020.	ISSN 1246-0125 (indexed ISI, Scopus)
	16,25	0,25	2	Arpad Gellert, Constantin-Bala Zamfirescu, Using Two-Level Context-Based Predictors for Assembly Assistance in Smart Factories, Intelligent Methods in Computing, Communications and Control: 8th International Conference on Computers Communications and Control, Springer, DOI 10.1007/978-3-030-53651-0_14, pages 167-176, Oradea, May 2020.	ISBN 978-303-053-650-3 (indexed ISI, Scopus)
	54,26	8,21	5	Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, Vol. 49, DOI 10.1016/j.ijinfomgt.2019.01.006, pages 546-556, December 2019.	ISSN: 0268-4012 (Q1 ISI Thomson Journals IF=8.210, Scopus)
	13,18	0,485	3	Arpad Gellert, Maria Vintan, Lucian Vintan, Perceptron-Based Selective Load Value Prediction in a Multicore Architecture, Romanian Journal of Information Science and Technology, Vol. 22, No. 3-4, ISSN 1453-8245, pages 215-227, November 2019.	ISSN 1453-8245 (ISI Thomson Journals IF=0.485)
	40,46	5,91	5	Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, DOI 10.1016/j.ins.2018.03.029, pages 375-391, February 2019.	ISSN 0020-0255 (Q1 ISI Thomson Journals IF=5.910, Scopus)

A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
	38,78	1,752	2	Arpad Gellert, Lucian Vintan, A Multicore Architecture with Selective Load Value Prediction, Proceedings of the Romanian Academy, Series A, Vol. 19, No. 4, pages 597-604, November 2018.	ISSN 1454-9069 (ISI Thomson Journals IF=1.752)
	29,03	1,102	2	Arpad Gellert, Remus Brad, Studying the influence of search rule and context shape in filtering impulse noise images with Markov chains, Signal, Image and Video Processing, Springer London, Vol. 12, Issue 2, DOI 10.1007/s11760-017-1160-1, pages 315-322, February 2018.	ISSN 1863-1703 (ISI Thomson Journals IF=1.102, Scopus, DBLP)
	43,66	0,622	1	Arpad Gellert, Web Access Mining through Dynamic Decision Trees with Markovian Features, Journal of Web Engineering, Vol. 16, Issue 5-6, pages 524-536, USA, September 2017.	ISSN 1540-9589 (ISI Thomson Journals IF=0.622, Scopus, DBLP)
	16,25	0,25	2	Adrian Florea, Arpad Gellert, E-learning Approach of the Graph Coloring Problem Applied to Register Allocation in Embedded Systems, The 6th International Conference on Innovative Computing Technology (INTECH 2016), DOI 10.1109/INTECH.2016.7845027, pages 88-93, Dublin, Ireland, August 2016.	ISBN 978-1-5090-2000-3 (indexed ISI, IEEE Xplore, Scopus)
	33,58	1,405	2	Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web - Internet and Web Information Systems, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016.	ISSN 1386-145X (Q2 ISI Thomson Journals, DBLP, Scopus, EBSCO, ACM Digital Library)
	28,16	1,044	2	Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016.	ISSN 1751-9659 (ISI Thomson Journals, DBLP, Scopus, EBSCO, IEEE Xplore)
	8,13	0,25	4	Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016.	ISSN 2066-026X (indexed ISI)

A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
	8,13	0,25	4	Adrian Florea, Elimelec Burghilea, Arpad Gellert, Delilah Florea, MiniGL: Game and Learning, 11th International Scientific Conference "eLearning and Software for Education" (eLSE 2015), Vol. 1, Bucharest, April 2015.	ISSN 2066-026X (indexed ISI)
	17,92	0,361	2	Arpad Gellert, Adrian Florea, Web Page Prediction Enhanced with Confidence Mechanism, Journal of Web Engineering, Vol. 13, Issue 5-6, pp. 507-524, USA, November 2014.	ISSN 1540-9589 (ISI Thomson Journals, Scopus, DBLP)
	6,50	0,25	5	Adrian Florea, Claudiu Buduleci, Radu Chis, Arpad Gellert, Lucian Vintan, Enhancing the Sniper Simulator with Thermal Measurement, The 18th International Conference on System Theory, Control and Computing (ICSTCC 2014), pp. 31-36, Sinaia, October 2014.	ISBN 978-1-4799-4602-0 (indexed ISI, Scopus, IEEE Xplore)
	16,25	0,25	2	Adrian Florea, Arpad Gellert, Different Approaches for Solving Optimization Problems using Interactive e-Learning Tools, 10th International Scientific Conference "eLearning and Software for Education" (eLSE 2014), Vol. 2, Bucharest, April 2014.	ISSN 2066-026X (indexed ISI)
	6,50	0,25	5	Adrian Florea, Andrei F. Klein, Victor Badea, Mihai Ștefănescu, Arpad Gellert, Using FOCAP Tool for Teaching Microarchitecture Simulation and Optimization, The 17th International Conference on System Theory, Control and Computing (ICSTCC 2013), pp. 225-230, Sinaia, Romania, October 2013.	ISBN 978-1-4799-2228-4 (indexed ISI, Scopus, IEEE Xplore)
	8,38	0,284	4	Arpad Gellert, Horia Calborean, Lucian Vintan, Adrian Florea, Multi-Objective Optimizations for a Superscalar Architecture with Selective Value Prediction, IET Computers & Digital Techniques, Vol. 6, Issue 4, pp. 205-213, Stevenage, United Kingdom, July 2012.	ISSN 1751-8601 (ISI Thomson Journals, Scopus, DBLP)
	8,13	0,25	4	Adrian Florea, Alexandru Ratiu, Arpad Gellert, Lucian Vintan, A Visual Simulation Framework for Simultaneous Multithreading Architectures, The 25th European Conference on Modelling and Simulation (ECMS 2011), Krakow, Poland, June 2011.	ISBN 978-0-9564944-2-9 (indexed ISI, Scopus, DBLP)
	8,13	0,25	4	Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea, Web-Based Technologies for Online e-Learning Environments, 7th International Scientific Conference "eLearning and Software for Education" (eLSE 2011), Vol. II, pp. 502-509, Bucharest, April 2011.	ISSN 2066-026X (indexed ISI)

A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
	8,13	0,25	4	Adrian Florea, Arpad Gellert, Traian Anghel, Delilah Florea, Online Collaborative Education Management Tool, Proceedings of the 5th International Conference on Virtual Learning, pp. 367-374, Targu Mures, October 2010.	ISSN 1844-893 (indexed ISI)
	5,42	0,25	6	Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), pp. 271-274, Dresden, Germany, March 2010.	ISBN 978-3-9810801-6-2 (indexed ISI, Scopus, DBLP, ACM Digital Library, IEEE Xplore)
	15,55	0,722	3	Arpad Gellert, Adrian Florea, Lucian Vintan, Exploiting Selective Instruction Reuse and Value Prediction in a Superscalar Architecture, Journal of Systems Architecture, Elsevier, Vol. 55, Issue 3, pp. 188-195, The Netherlands, 2009.	ISSN 1383-7621 (Q2 ISI Thomson Journals, Scopus, DBLP, ACM Digital Library, EBSCO)
	9,05	0,373	4	Adrian Florea, Arpad Gellert, Lucian Vintan, Marius Veltan, The Impact of Java Applications at Microarchitectural Level from Branch Prediction Perspective, International Journal of Computers, Communications & Control, Vol. IV, No. 1, pp. 27-40, 2009.	ISSN 1841-9836 (ISI Thomson Journals, Scopus)
	10,83	0,25	3	Lucian Vintan, Adrian Florea, Arpad Gellert, Random Degrees of Unbiased Branches, Proceedings of the Romanian Academy, Series A, No. 3, pp. 259-268, 2008.	ISSN 1454-9069 (ISI Thomson Journals, Scopus)
	6,50	0,25	5	Arpad Gellert, Adrian Florea, Maria Vintan, Colin Egan, Lucian Vintan, Unbiased Branches: An Open Problem, Twelfth Asia-Pacific Computer Systems Architecture Conference (ACSAC 2007), published in Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, Vol. 4697/2007, pp. 16-27, Seoul, Korea, August 2007.	ISSN 0302-9743, ISBN 978-3-540-74308-8 (indexed ISI, Scopus, DBLP, ACM Digital Library)
	7,41	0,402	5	Lucian Vintan, Arpad Gellert, Adrian Florea, Marius Oancea, Colin Egan, Understanding Prediction Limits Through Unbiased Branches, Eleventh Asia-Pacific Computer Systems Architecture Conference (ACSAC 2006), published in Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, Vol. 4186/2006, pp. 480-487, Shanghai, China, September 2006.	ISSN 0302-9743, ISBN 978-3-540-40056-1 (ISI Thomson Journals, Scopus, DBLP, ACM Digital Library)
	13,66	0,533	3	Lucian Vintan, Adrian Florea, Arpad Gellert, Focalising Dynamic Value Prediction to CPU's Context, IEE Proceedings – Computers & Digital Techniques, Vol. 152, No. 4, pp. 473-481, Stevenage, United Kingdom, July 2005.	ISSN 1350-2387 (ISI Thomson Journals, Scopus)

A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
	16,25	0,25	2	Ioana I. Moisil, Arpad Gellert, Introducing Object-Oriented Applications with the Caché Database System, Proceedings of the 2nd Balkan Region Conference on Engineering Education, pp. 194 - 197, Sibiu, September 2003.	ISBN 973-651-673-3 (indexed ISI)
A2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)	10,00		2	Miroslav-Andrei Bachici, Arpad Gellert, Modeling Electricity Consumption and Production in Smart Homes using LSTM Networks, International Journal of Advanced Statistics and IT&C for Economics and Life Sciences, Vol. X, No. 1, DOI 10.2478/ijasitels-2020-0009, pp. 80-90, December 2020.	ISSN 2559-365X (indexed PKP, ROAD, SCIENDO)
	4,00		5	Ugo Fiore, Adrian Florea, Arpad Gellert, Lucian Vintan, Paolo Zanetti, Optimal Partitioning of LLC in CAT-enabled CPUs to Prevent Side-Channel Attacks, 10th International Symposium on Cyberspace Safety and Security, pages 115-123, Amalfi, Italy, October 2018.	ISBN 978-3-030-01689-0 (indexed DBLP, Scopus)
	10,00		2	Adrian Florea, Arpad Gellert, Developing Heuristics for the Graph Coloring Problem Applied to Register Allocation in Embedded Systems, Journal of Multimedia Processing and Technologies, Vol. 8, No. 3, pages 74-87, September 2017.	ISSN 0976-4127 (indexed DBLP)
	10,00		2	Arpad Gellert, Adrian Florea, Investigating a New Design Pattern for Efficient Implementation of Prediction Algorithms, Journal of Digital Information Management, Vol. 11, Issue 5, pp. 366-377, October 2013.	ISSN 0972-7272 (DBLP, Scopus, EBSCO)
	5,00		4	Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea, Developing Online Collaborative Games for e-Learning Environments, The Second International Symposium on Knowledge Management and E-Learning, pages 81-90, Sinaia, September 2012, republished in Lecture Notes in Computer Science, New Horizons in Web Based Learning, Vol. 7697, pp. 221-230, 2014.	ISBN 978-3-662-43453-6 (DBLP, Scopus)
	5,00		4	Adrian Florea, Arpad Gellert, Traian Anghel, Delilah Florea, Enhanced Learning and Educational Management through Online Collaborative Technologies, Journal of Digital Information Management, Vol. 9, No. 1, pp. 33-42, February 2011.	ISSN 0972-7272 (DBLP, EBSCO, Scopus)
	10,00		2	Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, National Institute for Research and Development in Informatics, pp. 17-30, Bucharest, March 2006.	ISSN 1220-1766 (IEE INSPEC)
	A.2.3.1 Brevete internaț.	0,00			
A.2.3.2 Brevete naționale	0,00				
A2.4.1.1 Director granturi internaționale	10,00		0,5	Director, Monitoring eco-friendly quality of the PET bottle manufacturing using advanced AI, Grant DIH-World 952176, 2022-2023, 28.125 EUR.	

A2. Activitatea de cercetare

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori / Ani	Nume Articol /Carte	ISBN, Dovada
A2.4.1.2 Director granturi naționale	10,00		1	Director grant, Metode avansate de predicție integrate în arhitecturi cu procesări speculative, Grant CNCSIS tip TD, cod 248/2007, 1.10.2007-30.09.2008, 28428 lei.	
A2.4.2.1 Membru granturi internaționale	12,00		3	Membru (director Koen de Boschere, Ghent Univ., Belgium), High Performance and Embedded Architecture and Compilation (HiPEAC), FP7 proiect no. 287759, 2013-2015, director Koen de Boschere (Ghent Univ., Belgium), EUR 3.808.245.	
A2.4.2.2 Membru granturi naționale	6,00		3	Membru (director Bogdan-Constantin Pîrvu), Futures of Innovation Technologies European Digital Innovation Hub, Proiect Digital Europe 101083915, 2022-2025, 745.529,99 EUR.	
	4,00		2	Membru al echipei de cercetare (director prof. univ. dr. ing. Constantin-Bala Zamfirescu), Ingineria învățării automate în Digital Twin, Grant LBUS-HPI-ERG-2020-03, 2021-2023, buget 637.500 lei.	
	2,00		1	Membru al echipei de cercetare (director conf. univ. dr. ing. Bogdan Pîrvu), Dezvoltarea sistemelor socio-fizico-cibernetice pe baza Internetului Lucrurilor în fabrica viitorului, Proiect POC, ID P_37_771, 2019-2020, buget 8.925.938,42 lei.	
	6,00		3	Membru al echipei de cercetare (director grant prof. univ. dr. ing. Maria Vințan), Extinderea paradigmei analizei scurtcircuitelor monofazate în rețelele electrice de înalta tensiune prin metode clasice și euristice, grant CNCSIS cod 485/ 2009-2011, buget 510320 lei	
	4,00		2	Membru al echipei de cercetare (director grant prof. univ. dr. ing. Lucian Vințan), Microarhitectura superscalară avansată cu procesări paralele și predictiv - speculative, Grant CNCSIS tip A, cod 39/2007-2008, buget 175000 lei, 2007	
	2,00		1	Membru al echipei de cercetare (director grant prof. univ. dr. ing. Constantin Oprean), Sistem de suport al deciziilor de grup în mediul academic și al administrației publice – premisă a descentralizării și democratizării sistemului decizional, Proiect P-CD, Nr. eCD1, Effective Decisions, 2005, 129735 lei.	
	6,00		3	Membru al echipei de cercetare (director grant prof. univ. dr. ing. Lucian Vințan), Îmbunătățiri ale paradigmei arhitecturilor superscalare prin reutilizarea și predicția valorilor instrucțiunilor, grant CNCSIS cod 71/2004, anii 2004 – 2006 (3 ani), 36000 lei.	
	988,95				

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
A3.1.1 Citări în cărți, ISI	1,60	1	5	<u>Ahmad Almadhor, K. Mallikarjuna, R. Rahul, G. Chandra Shekara, Kishu Bhatia, Wesam Shishah, V. Mohanavel, S. Suresh Kumar, Sojan Palukaran Timothy, Solar Power Generation in Smart Cities Using an Integrated Machine Learning and Statistical Analysis Methods, International Journal of Photoenergy, Vol. 2022, p. 5442304, September 2022;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IE=5.063, Scopus, DBLP) Vol. 49, pages 546-556, December 2019
	1,60	1	5	<u>Tian Gao, Dongxiao Niu, Zhengsen Ji, Lijie Sun, Mid-term electricity demand forecasting using improved variational mode decomposition and extreme learning machine optimized by sparrow search algorithm, Energy, Vol. 261, p. 125328, September 2022;</u> Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, ISSN 2210-6707 (ISI Thomson Journals IF=7.587, Scopus), January 2022.
	1,60	1	5	<u>Sergio Salimbeni, Nahuel Romera, Andrés Redchuk, Digital Twin in a Dairy Factory, International Symposium on Industrial Engineering and Automation: Managing and Implementing the Digital Transformation, Lecture Notes in Networks and Systems, Vol. 525, pp. 103-113, August 2022;</u> Alexandru Matei, Nicolae-Adrian Tocu, Constantin-Bala Zamfirescu, Arpad Gellert, Mihai Neghina, Engineering a Digital Twin for Manual Assembling, 10th International Symposium on Leveraging Applications of Formal Methods (ISoLA 2020), published in Leveraging Applications of Formal Methods, Verification and Validation: Tools and Trends, Lecture Notes in Computer Science, Vol. 12479, ISBN 978-3-030-83722-8 (indexed DBLP, Scopus), pp. 140-152, Springer, Cham, 2021.
	2,00	1	4	<u>Abdulrahman Al-Molegi, Antoni Martínez-Ballesté, SafeMove: Monitoring Seniors with Mild Cognitive Impairments using Deep Learning and Location Prediction, Neural Computing and Applications, 2022;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004

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Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	4,00	1	2	<u>Sheng Xiao, Jing Selena He, Jingwen Yang, Xiaomeng Hong, Jinke Luo, Energy Reduction Method by Compiler Optimization, Artificial Intelligence and Security, Lecture Notes in Computer Science, Vol. 13338, pp. 672-683, 2022;</u> Adrian Florea, Arpad Gellert, E-learning Approach of the Graph Coloring Problem Applied to Register Allocation in Embedded Systems, The 6th International Conference on Innovative Computing Technology (INTECH 2016), ISBN 978-1-5090-2000-3 (indexed ISI, IEEE Xplore, Scopus), DOI 10.1109/INTECH.2016.7845027, pages 88-93, Dublin, Ireland, August 2016
	2,00	1	4	<u>Foziah Gazzawe, Mohammad Mayouf, Russell Lock, Ryan Alturki, The Role of Machine Learning in E-Learning Using the Web and AI-Enabled Mobile Applications, Mobile Information Systems, p. 3696140, 2022;</u> Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea, Web-Based Technologies for Online e-Learning Environments, 7th International Scientific Conference "eLearning and Software for Education" (eLSE 2011), ISSN: 2066-026X, Equiv. IF 0.25 (indexed ISI), Vol. II, pages 502-509, Bucharest, April 2011
	1,60	1	5	<u>Moon Keun Kim, Bart Cremers, Iiyong Liu, Jianhua Zhang, Junqi Wang, Prediction and Correlation Analysis of Ventilation Performance in a Residential Building Using Artificial Neural Network Models Based on Data-Driven Analysis, Sustainable Cities and Society, p. 103981, 2022;</u> Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, ISSN 2210-6707 (ISI Thomson Journals IF=7.587, Scopus), January 2022.
	4,00	1	2	<u>Murat Ali Bayir, Ismail Hakki Toroslu, Maximal paths recipe for constructing Web user sessions, World Wide Web, May 2022;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	1,60	1	5	<u>Parisa Rahimi, Amit Kumar Singh, Xiaohang Wang, Selective Noise Based Power-Efficient and Effective Countermeasure against Thermal Covert Channel Attacks in Multi-Core Systems, Journal of Low Power Electronics and Applications, Vol. 12, Issue 2, p. 25, May 2022;</u> Adrian Florea, Claudiu Buduleci, Radu Chis, Arpad Gellert, Lucian Vintan, Enhancing the Sniper Simulator with Thermal Measurement, The 18th International Conference on System Theory, Control and Computing, ISBN 978-1-4799-4602-0 (Scopus, IEEE Xplore), Sinaia, October 2014

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	4,00	1	2	<u>Lijuan Tang, Kezheng Sun, Shuaifeng Huang, Guangcheng Wang, Kui Jiang, Quality Assessment of View Synthesis Based on Visual Saliency and Texture Naturalness, Electronics, Vol. 11, Issue 9, p. 1384, April 2022:</u> Arpad Gellert, Remus Brad, Image Inpainting with Markov Chains, Signal, Image and Video Processing, Vol. 14, Issue 7, ISSN 1863-1703 (ISI Thomson Journals IF=1.794, Scopus, DBLP), DOI 10.1007/s11760-020-01675-7, pp. 1335-1343, October 2020.
	1,60	1	5	<u>Madeline Hui Li Lee, Yee Chee Ser, Ganeshsree Selvachandran, Pham Huy Thong, Le Cuong, Le Hoang Son, Nguyen Trung Tuan, Vassilis C. Gerogiannis, A Comparative Study of Forecasting Electricity Consumption Using Machine Learning Models, Mathematics, Vol. 10, Issue 8, p. 1329, April 2022:</u> Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, ISSN 2210-6707 (ISI Thomson Journals IF=7.587, Scopus), January 2022.
	1,60	1	5	<u>Bastian Pokorni, Daniela Popescu, Carmen Constantinescu, Design of Cognitive Assistance Systems in Manual Assembly Based on Quality Function Deployment, Applied Sciences, Vol. 12, Issue 8, p. 3887, April 2022:</u> Stefan-Alexandru Precup, Arpad Gellert, Alexandru Matei, Maria Gita, Constantin-Bala Zamfirescu, Towards an Assembly Support System with Dynamic Bayesian Network, Applied Sciences, Vol. 12, Issue 3, ISSN 2076-3417 (ISI Thomson Journals IF=2.474, Scopus), DOI 10.3390/app12030985, p. 985, Switzerland, February 2022.
	2,67	1	3	<u>Bastian Pokorni, Daniela Popescu, Carmen Constantinescu, Design of Cognitive Assistance Systems in Manual Assembly Based on Quality Function Deployment, Applied Sciences, Vol. 12, Issue 8, p. 3887, April 2022:</u> Arpad Gellert, Radu Sorostinean, Bogdan-Constantin Pirvu, Robust Assembly Assistance Using Informed Tree Search with Markov Chains, Sensors, Vol. 22, Issue 2, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s22020495, p. 495, January 2022.
	2,67	1	3	<u>Bastian Pokorni, Daniela Popescu, Carmen Constantinescu, Design of Cognitive Assistance Systems in Manual Assembly Based on Quality Function Deployment, Applied Sciences, Vol. 12, Issue 8, p. 3887, April 2022:</u> Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s21113580, p. 3580, May 2021.

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Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	2,67	1	3	<u>Shihong Liu, Shichang Du, Lifeng Xi, Yiping Shao, Delin Huang, A Novel Analytical Modeling Approach for Quality Propagation of Transient Analysis of Serial Production Systems, Sensors, Vol. 22, Issue 6, p. 2409, March 2022; Arpad Gellert, Radu Sorostinean, Bogdan-Constantin Pirvu, Robust Assembly Assistance Using Informed Tree Search with Markov Chains, Sensors, Vol. 22, Issue 2, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s22020495, p. 495, January 2022.</u>
	2,67	1	3	<u>Ruba Obiedat, Sara Toubasi, A Combined Approach for Predicting Employees' Productivity based on Ensemble Machine Learning Methods, Informatica, Vol. 46, No. 5, pp. 49-58, March 2022; Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s21113580, p. 3580, May 2021.</u>
	4,00	1	2	<u>Amit Prakash Sen, Nirmal Kumar Rout, A Comparative Analysis of the Algorithms for De-noising Images Contaminated with Impulse Noise, Sensing and Imaging, Vol. 23, p. 11, March 2022; Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016</u>
	1,60	1	5	<u>Mario A. Tovar Rosas, Miguel Robles Pérez, E. Rafael Martínez Pérez, Itineraries for charging and discharging a BESS using energy predictions based on a CNN-LSTM neural network model in BCS, Mexico, Renewable Energy, First online: March 2022; Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, ISSN 2210-6707 (ISI Thomson Journals IF=7.587, Scopus), January 2022.</u>
	2,00	1	4	<u>Ali Akkaya, Yavuz Akpınar, Experiential serious-game design for development of knowledge of object-oriented programming and computational thinking skills, Computer Science Education, First online: March 2022; Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016</u>

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	2,67	1	3	<u>Binglin Wang, Liang Yan, Xiaojun Duan, Tongpu Yu, Hao Zhang, An Integrated Surrogate Model Constructing Method: Annealing Combinable Gaussian Process, Information Sciences, First online: January 2022; Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s21113580, p. 3580, May 2021.</u>
	4,00	1	2	<u>V. Juliet Rani, K. K. Thanammal, STFTSM: noise reduction using soft threshold-based fuzzy trimmed switch median filter, Soft Computing, First online: January 2022; Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016</u>
	1,60	1	5	<u>Panagiotis Ktrakazas et al., An Equifinality Energy Management Framework in Terms of Benchmarking Practices and Expectations: The EnerMan Project Outlook, Systems, Vol. 10, Issue 1, 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019.</u>
	1,60	1	5	<u>Yogesh K. Dwivedi et al., Climate change and COP26: Are digital technologies and information management part of the problem or the solution? An editorial reflection and call to action, International Journal of Information Management, Vol. 63, p. 102456, 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019.</u>
	1,60	1	5	<u>Gcinizwe Dlamini, Firas Jolha, Zamira Kholmatova, Giancarlo Succi, Meta-Analytical Comparison Of Energy Consumed By Two Sorting Algorithms, Information Sciences, Vol. 582, pp. 767-777, January 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.</u>

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	4,00	1	2	<u>O.I. Sheluhin, D.V. Kostin, M.V. Polkovnikov, Forecasting of Computer Network Anomalous States Based on Sequential Pattern Analysis of "Historical Data", Automatic Control and Computer Sciences, Vol. 55, pp. 522-533, 2021;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	1,60	1	5	<u>Narayana Potu, Sreedhar Bhukya, Chandrashekar Jatoth, Premchand Parvataneni, Quality-aware energy efficient scheduling model for fog computing comprised IoT network, Computers and Electrical Engineering, p. 107603, First online: November 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	2,00	1	4	<u>Giancarlo Fortino, Antonella Guzzo, Michele Ianni, Francesco Leotta, Massimo Mecella, Predicting activities of daily living via temporal point processes: Approaches and experimental results, Computers & Electrical Engineering, p. 107567, First online: November 2021;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	1,60	1	5	<u>Jinyu Wang, Yifei Kang, Yaqi Feng, Yiwen Li, Weiguo Wu, Guoliang Xing, Lossless Compression of Bitstream Configuration Files: Towards FPGA Cloud, 2021 IEEE International Conference on Parallel & Distributed Processing with Applications, Big Data & Cloud Computing, Sustainable Computing & Communications, Social Computing & Networking, pp. 1410-1421, New York, USA, October 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.

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	4,00	1	2	<u>Kausthub Keshava, Alain Jean-Marie, Sara Alouf, Optimal Prefetching in Random Trees, Mathematics, Vol. 9, Issue 19, p. 2437, October 2021;</u> Arpad Gellert, Adrian Florea, Web Page Prediction Enhanced with Confidence Mechanism, Journal of Web Engineering, Vol. 13, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.361, Scopus, DBLP), pages 507-524, USA, November 2014
	1,33	1	6	<u>Milan Pisarić, Vladimir Dimitrieski, Marko Vještica, Goran Krajoski, Mirna Kapetina, Towards a Flexible Smart Factory with a Dynamic Resource Orchestration, Applied Sciences, Vol. 11, Issue 17, p. 7956, 2021;</u> Arpad Gellert, Stefan-Alexandru Precup, Bogdan-Constantin Pirvu, Ugo Fiore, Constantin-Bala Zamfirescu, Francesco Palmieri, An Empirical Evaluation of Prediction by Partial Matching in Assembly Assistance Systems, Applied Sciences, Vol. 11, Issue 7, ISSN 2076-3417 (ISI Thomson Journals IF=2.474, Scopus), DOI 10.3390/app11073278, p. 3278, Switzerland, April 2021.
	1,60	1	5	<u>Long Cheng, Kai Huang, Liang Mi, Gang Chen, Alois Knoll, Xiaoqin Zhang, Peak Temperature Analysis and Optimization for Pipelined Hard Real-Time Systems, Information Sciences, Vol. 575, Issue 10, pp. 666-697, October 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.
	1,60	1	5	<u>Seyed Azad Nabavi, Naser Hossein Motlagh, Martha Arbayani Zaidan, Alireza Aslani, Behnam Zakeri, Deep Learning in Energy Modeling: Application in Smart Buildings with Distributed Energy Generation, IEEE Access, DOI 10.1109/ACCESS.2021.3110960, September 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	4,00	1	2	<u>E. Manohar, E. Anandha Banu, D. Shalini Punithavathani, Composite analysis of web pages in adaptive environment through Modified Salp Swarm algorithm to rank the web pages, Journal of Ambient Intelligence and Humanized Computing, First online: July 2021;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016

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	1,60	1	5	<u>Erick M. Nava-Arriaga, Abel Hernandez-Guerrero, J. Luis Luviano-Ortiz, Adrian Bejan, Heat sinks with minichannels and flow distributors based on constructal law, International Communications in Heat and Mass Transfer, Vol. 125, p. 105122, June 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.
	4,00	1	2	<u>Yixue Zhao, Siwei Yin, Adriana Seifia, Marcelo Schmitt Laser, Haoyu Wang, Nenad Medvidovic, Assessing the Feasibility of Web-Request Prediction Models on Mobile Platforms, 8th International Conference on Mobile Software Engineering and Systems, May 2021;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932. USA. September 2016
	1,60	1	5	<u>Nikolaos Kolokas, Dimosthenis Ioannidis, Dimitrios Tzovaras, Multi-Step Energy Demand and Generation Forecasting with Confidence Used for Specification-Free Aggregate Demand Optimization, Energies, Vol. 14, Issue 11, p. 3162, May 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	1,60	1	5	<u>Muhammad Uzair Yousuf, Ibrahim Al-Bahadly, Short-term wind speed forecasting based on hybrid MODWT-ARIMA-Markov model, IEEE Access, May 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	1,60	1	5	<u>Shu Gong, Gang Hua, Remarks on Wiener Index of Bipolar Fuzzy Incidence Graphs, Frontiers in Physics, May 2021;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.

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	2,00	1	4	<u>Patrik Vostinar, MakeCode Arcade: Interesting environment for programming 2D games, V IEEE World Conference on Engineering Education, Guatemala, March 2021; Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016</u>
	1,60	1	5	<u>Michal Lom, Ondrej Pribyl, Smart city model based on systems theory, International Journal of Information Management, Vol. 56, p. 102092, February 2021; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>
	2,00	1	4	<u>Simon Simonsson, Flávia Dias Casagrande, Evi Zouganeli, Location Prediction in Real Homes of Older Adults based on K-Means in Low-Resolution Depth Videos, 25th International Conference on Pattern Recognition, Milan, Italy, January 2021; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004</u>
	1,60	1	5	<u>Chakib Nehnouh, A new architecture for online error detection and isolation in network on chip, Journal of High Speed Networks, Vol. 26, No. 4, pp. 307-323, December 2020; Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.</u>
	4,00	1	2	<u>Amit Prakash Sen, Nirmal Kumar Rout, Improved probabilistic decision-based trimmed median filter for detection and removal of high-density impulsive noise, IET Image Processing, Vol. 14, Issue 17, 2020; Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016</u>

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	1,60	1	5	<u>Anongpun Man-Im, Weerakorn Ongsakul, Nimal Madhu, Reliability Enhanced Multi-objective Economic Dispatch Strategy for Hybrid Renewable Energy System with Storage, Journal of the Operations Research Society of China, 2020</u> ; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	1,60	1	5	<u>Shan L. Pan, Mingwei Li, L.G. Pee, M.S. Sandeep, Sustainability Design Principles for a Wildlife Management Analytics System: An Action Design Research, European Journal of Information Systems, First online: September 2020</u> ; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	2,00	1	4	<u>Alba Sandyra Bezerra Lopes, Monica Magalhães Pereira, A Machine Learning Approach to Accelerating DSE of Reconfigurable Accelerator Systems, 33rd Symposium on Integrated Circuits and Systems Design, Campinas, Brazil, August 2020</u> ; Arpad Gellert, Horia Calborean, Lucian Vintan, Adrian Florea, Multi-Objective Optimizations for a Superscalar Architecture with Selective Value Prediction, IET Computers & Digital Techniques, Vol. 6, Issue 4, ISSN: 1751-8601 (ISI Thomson Journals IF=0.284, Scopus, DBLP, EBSCO), pp. 205-213, Stevenage, United Kingdom, July 2012
	1,60	1	5	<u>Ruben Foresti, Stefano Rossi, Matteo Magnani, Corrado Guarino Lo Bianco, Nicola Delmonte, Smart Society and Artificial Intelligence: Big Data Scheduling and the Global Standard Method Applied to Smart Maintenance, Engineering, Vol. 6, Issue 7, pp. 835-846, July 2020</u> ; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019

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	2,00	1	4	<u>Tobias Grüner, Sören Frey, Jens Nahm, Dirk Reichardt, Exploring Spatio-temporal Movements for Intelligent Mobility Services, 6th International Conference on Vehicle Technology and Intelligent Transport Systems, Prague, Czech Republic, May 2020; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004</u>
	4,00	1	2	<u>Jianwei Chen, Jianbo Li, Manzoor Ahmed, Junjie Pang, Minchao Lu, Xiufang Sun, Next Location Prediction with a Graph Convolutional Network Based on a Seq2seq Framework, KSII Transactions on Internet and Information Systems, Vol. 14, No. 5, pp. 1909-1928, May 2020; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	4,00	1	2	<u>Sheng Xiao, Jing Selena He, Xi Yang, Yazhe Wang, Lu Jin, Crosstalk Aware Register Reallocation Method for Green Compilation, Computers, Materials & Continua, Vol.63, No.3, pp. 1357-1371, April 2020; Adrian Florea, Arpad Gellert, E-learning Approach of the Graph Coloring Problem Applied to Register Allocation in Embedded Systems, The 6th International Conference on Innovative Computing Technology (INTECH 2016), ISBN 978-1-5090-2000-3 (indexed ISI, IEEE Xplore, Scopus), DOI 10.1109/INTECH.2016.7845027, pages 88-93, Dublin, Ireland, August 2016</u>
	2,00	1	4	<u>Hong Yang, Shanshan Gong, Yaqing Liu, Zhengkui Lin, Yi Ou, A Multi-task Learning Model for Daily Activity Forecast in Smart Home, Sensors, Vol. 20, Issue 7, April 2020; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004</u>
	4,00	1	2	<u>Long Bao, Karen Panetta, Sos Agaian, Impulse Noise Detector Performance Measure Based on Intensity Volume, Journal of Signal Processing Systems, Vol. 92, pp. 425-434, April 2020; Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016</u>

A3. Recunoașterea și impactul activității

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	4,00	1	2	<u>Jinze Yang, Yan Sun, Jesus Requena-Carrión, Yue Cao, An Analytical Model for Information Centric Internet of Things Networks in Opportunistic Scenarios, IEEE Systems Journal, Vol. 14, Issue 1, pp. 172-183, March 2020:</u> <u>Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016</u>
	4,00	1	2	<u>Aditya Khamparia, Babita Pandey, Association of learning styles with different e-learning problems: a systematic review and classification, Education and Information Technologies, Vol. 20, pp. 1303-1331, March 2020:</u> <u>Adrian Florea, Arpad Gellert, Different Approaches for Solving Optimization Problems using Interactive e-Learning Tools, The 10th International Scientific Conference "eLearning and Software for Education" (eLSE 2014) ISSN 2066-026X, Vol. 2, Bucharest, April 2014.</u>
	1,60	1	5	<u>Xiang Wu, Huanhuan Wang, Dashun Wei, Minyu Shi, ANFIS with natural language processing and grey relational analysis based cloud computing framework for real time energy efficient resource allocation, Computer Communications, Vol. 150, pp. 122-130, January 2020:</u> <u>Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=5.910, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pp. 375-391, February 2019.</u>
	1,60	1	5	<u>Khalid A. Eldrandaly, Mohamed Abdel-Basset, Laila Abdel-Fatah, PTZ-Surveillance coverage based on artificial intelligence for smart cities, International Journal of Information Management, Vol. 49, pages 520-532, December 2019:</u> <u>Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>
	1,60	1	5	<u>Nesrine Ben Yahia, Wissem Eljaoued, Nariès Bellamine Ben Saoud, Ricardo Colomo-Palacios, Towards sustainable collaborative networks for smart cities co-governance, International Journal of Information Management, 102037, First online: November 2019:</u> <u>Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>

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	4,00	1	2	<u>Carmen Cheh, Uttam Thakore, Ahmed Fawaz, Binbin Chen, William G. Temple, William H. Sanders, Data-driven Model-based Detection of Malicious Insiders via Physical Access Logs, ACM Transactions on Modeling and Computer Simulation, Vol. 29, No. 4, November 2019;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	8,00	1	1	<u>S. Urmela, M. Nandhini, A framework for distributed data mining heterogeneous classifier, Computer Communications, Vol. 147, pages 58-75, November 2019;</u> Arpad Gellert, Web Access Mining through Dynamic Decision Trees with Markovian Features, Journal of Web Engineering, Vol. 16, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.622, Scopus, DBLP), pages 524-536, USA, September 2017
	4,00	1	2	<u>Carmen Cheh, Uttam Thakore, Binbin Chen, William G. Temple, William Sanders, Leveraging Physical Access Logs to Identify Tailgating: Limitations and Solutions, 15th European Dependable Computing Conference, Naples, Italy, September 2019;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Flávia D. Casagrande, Jim Tørresen, Evi Zouganeli, Predicting Sensor Events, Activities, and Time of Occurrence Using Binary Sensor Data from Homes with Older Adults, IEEE Access, Vol. 7, pages 111012 - 111029, August 2019;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	1,60	1	5	<u>Katarina Tomičić Pupek, Igor Pihir, Martina Tomičić Furjan, Smart City Initiatives in the Context of Digital Transformation – Scope, Services and Technologies, Management: Journal of Contemporary Management Issues, Vol. 24, Issue 1, pages 39-54, June 2019;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	4,00	1	2	<u>Nili Tian, Bingo Wing-Kuen Ling, Changzhi Wu, Xiangyu Wang, Kok-Lay Teo, Determination of fractional pixel location via an optimal group delay estimation approach, Signal, Image and Video Processing, Vol. 13, pages 1477-1485, May 2019; Arpad Gellert, Remus Brad, Studying the influence of search rule and context shape in filtering impulse noise images with Markov chains, Signal, Image and Video Processing, Springer London, Vol. 12, Issue 2, ISSN 1863-1703 (ISI Thomson Journals IF=1.102, Scopus, DBLP), DOI 10.1007/s11760-017-1160-1, pages 315-322, February 2018</u>
	2,00	1	4	<u>Ladislav Végh, Veronika Stoffová, Learning Object-Oriented Programming by Creating Games, The 15th International Scientific Conference "eLearning and Software for Education" (eLSE 2019), Vol. 1, pages 20-29, Bucharest, April 2019; Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016</u>
	2,00	1	4	<u>Atef Zaguaia, Roobaea Alroobaea, Ontological Model to Predict user Mobility, International Journal of Advanced Computer Science and Applications, Vol. 10, Issue 2, pages 407-413, February 2019; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004</u>
	4,00	1	2	<u>Sina Shafaei, Fabian Müller, Tim Salzmann, Morteza Hashemi Farzaneh, Stefan Kugele, Alois Knoll, Context Prediction Architectures in Next Generation of Intelligent Cars, 21st IEEE International Conference on Intelligent Transportation Systems, Maui, Hawaii, USA, November 2018; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>

A3. Recunoașterea și impactul activității

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	4,00	1	2	<u>Mingming Chen, Chen Tang, Junjiang Zhang, Zhenkun Lei, Image decomposition and denoising based on Shearlet and nonlocal data fidelity term, Signal, Image and Video Processing, Vol. 12, Issue 7, DOI 10.1007/s11760-018-1296-7, pages 1411–1418, October 2018;</u> Arpad Gellert, Remus Brad, Studying the influence of search rule and context shape in filtering impulse noise images with Markov chains, Signal, Image and Video Processing, Springer London, Vol. 12, Issue 2, ISSN 1863-1703 (ISI Thomson Journals IF=1.102, Scopus, DBLP), DOI 10.1007/s11760-017-1160-1, pages 315-322, February 2018
	2,00	1	4	<u>Abdulrahman Al-Molegi, Antoni Martínez-Ballesté, Mohammed Jabreel, Move, Attend and Predict: An Attention-based Neural Model for People’s Movement Prediction, Pattern Recognition Letters, Elsevier, Vol 112, DOI 10.1016/j.patrec.2018.05.015, pages 34-40, September 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>Kasim Oztoprak, Mobile Subscriber Profiling and Personal Service Generation using Location Awareness, Advances in Electrical and Computer Engineering, Vol. 18, Issue 3, pages 105-112, August 2018;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Kasim Oztoprak, Mobile Subscriber Profiling and Personal Service Generation using Location Awareness, Advances in Electrical and Computer Engineering, Vol. 18, Issue 3, pages 105-112, August 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	4,00	1	2	<u>Payam Sanaee, Payman Moallem, Farbod Razzazi, Structure-Based Interpolation Method for Restoring the Intensity of Low Density Impulse Noise, IET Image Processing, Vol. 12, Issue 9, DOI 10.1049/iet-ipr.2017.0948, pages 1577 - 1585, August 2018; Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016</u>
	2,00	1	4	<u>Haider Mshali, Tayeb Lemlouma, Maria Moloney, Damien Magoni, A survey on health monitoring systems for health smart homes, International Journal of Industrial Ergonomics, Elsevier, Vol. 66, pages 26-56, July 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>Haider Mshali, Tayeb Lemlouma, Maria Moloney, Damien Magoni, A survey on health monitoring systems for health smart homes, International Journal of Industrial Ergonomics, Elsevier, Vol. 66, pages 26-56, July 2018;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Abdulrahman Al-Molegi, Antoni Martínez-Ballesté, Izzat Alsmadi, Regions-of-interest discovering and predicting in smartphone environments, Pervasive and Mobile Computing, Vol. 47, DOI: 10.1016/j.pmcj.2018.05.001, pages 31-53, July 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	2,00	1	4	<u>Niek Tax, Human Activity Prediction in Smart Home Environments with LSTM Neural Networks, 14th International Conference on Intelligent Environments, Rome, Italy, June 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>Karen Panetta, Long Bao, Sos Agaian, A New Unified Impulse Noise Removal Algorithm Using a new Reference Sequence-to-Sequence Similarity Detector, IEEE Access, DOI 10.1109/ACCESS.2018.2850518, Vol. 6, pages 37225 - 37236, June 2018;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	4,00	1	2	<u>Mayank Tiwari, Gupta Bhupendra, Maximum Absolute Relative Differences Statistic for Removing Random-Valued Impulse Noise from Given Image, Circuits Systems and Signal Processing, Vol. 37, Issue 5, DOI 10.1007/s00034-017-0655-x, pages 2098–2116, May 2018;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	4,00	1	2	<u>Payam Sanaee, Payman Moallem, Farbod Razzazi, A structural refinement method based on image gradient for improving performance of noise-restoration stage in decision based filters, Digital Signal Processing, Vol. 75, pages 242-254, April 2018;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016

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	4,00	1	2	<u>Payam Sanaee, Payman Moallem, Farbod Razzazi, A structural post-processing method for enhancing intensity restoration of low-density impulse-noise for decision based filters, Journal of Visual Communication and Image Representation, Vol. 75, pages 242-254, April 2018;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	4,00	1	2	<u>Seungkyu Hong, Kyusik Kim, Taeseok Kim, A prefetching scheme for improving the web page loading time with NVRAM, Journal of Semiconductor Technology and Science, Vol. 18, No. 1, pages 20-28, February 2018;</u> Arpad Gellert, Adrian Florea, Web Page Prediction Enhanced with Confidence Mechanism, Journal of Web Engineering, Vol. 13, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.361, Scopus, DBLP), pages 507-524, USA, November 2014
	4,00	1	2	<u>Seungkyu Hong, Kyusik Kim, Taeseok Kim, A prefetching scheme for improving the web page loading time with NVRAM, Journal of Semiconductor Technology and Science, Vol. 18, No. 1, pages 20-28, February 2018;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	2,00	1	4	<u>Antonios Karatzoglou, Harun Sentürk, Adrian Jablonski, Michael Beigl, Applying Artificial Neural Networks on Two-Layer Semantic Trajectories for Predicting the Next Semantic Location, 26th International Conference on Artificial Neural Networks, Alghero, Italy, September 2017;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	1,60	1	5	<u>Thangaraj Veerakumar, Badri Narayan Subudhi, Sankaralingam Esakkirajan, Prasanta Kumar Pradhan, Context Model Based Edge Preservation Filter for Impulse Noise Removal, Expert Systems With Applications, DOI 10.1016/j.eswa.2017.06.033, ISSN: 0957-4174, Vol. 88, Issue C, December 2017;</u> Arpad Gellert, Adrian Florea, Maria Vintan, Colin Egan, Lucian Vintan, Unbiased Branches: An Open Problem, Twelfth Asia-Pacific Computer Systems Architecture Conference (ACSAC 2007), published in Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, Vol. 4697/2007, ISSN 0302-9743, ISBN 978-3-540-74308-8 (indexed ISI, Scopus, DBLP, ACM Digital Library), pages 16-27, Seoul, Korea, August 2007
	4,00	1	2	<u>Thangaraj Veerakumar, Badri Narayan Subudhi, Sankaralingam Esakkirajan, Prasanta Kumar Pradhan, Context Model Based Edge Preservation Filter for Impulse Noise Removal, Expert Systems With Applications, DOI 10.1016/j.eswa.2017.06.033, ISSN: 0957-4174, Vol. 88, Issue C, December 2017;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	4,00	1	2	<u>Gulsher Baloch, Huseyin Ozkaramanli, Image denoising via correlation-based sparse representation, Signal, Image and Video Processing, Vol. 11, Issue 8, DOI 10.1007/s11760-017-1113-8, pages 1501-1508, November 2017;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	1,33	1	6	<u>Sparsh Mittal, A Survey of Value Prediction Techniques for Leveraging Value Locality, Concurrency and Computation: Practice and Experience, Vol. 29, Issue 21, DOI: 10.1002/cpe, November 2017;</u> Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	4,00	1	2	<u>Peter Carmichael, Charles Morisset, Learning Decision Trees from Synthetic Data Models for Human Security Behaviour, 15th International Conference on Software Engineering and Formal Methods, pp. 56-71, Trento, Italy, September 2017</u> ; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Predrag Pecev, Miloš Racković, LTR-MDTS structure – a structure for multiple dependent time series prediction, Computer Science and Information Systems, DOI 10.2298/CSIS150815004P, 2017</u> ; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>Azadeh Zamanifar, Eslam Nazemi, Mojtaba Vahidi-Asl, DSHMP-IOT: A distributed self healing movement prediction scheme for internet of things applications, Applied Intelligence, Springer US, Vol. 46, Issue 3, DOI 10.1007/s10489-016-0849-0, pages 569–589, April 2017</u> ; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Luan Lam, Antony Tang, John Grundy, Predicting Indoor Spatial Movement Using Data Mining and Movement Patterns, The 4th IEEE International Conference on Big Data and Smart Computing (BigComp 2017), Jeju, Korea, February 2017</u> ; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	2,00	1	4	<u>Neda Kaffash-Charandabi, Ali-Asghar Alesheikh, Context inference and prediction modeling in ubiquitous health GIS, Transactions in GIS, John Wiley & Sons Ltd, February 2017</u> ; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004

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	4,00	1	2	<u>Neda Kaffash-Charandabi, Ali-Asghar Alesheikh, Context inference and prediction modeling in ubiquitous health GIS, Transactions in GIS, John Wiley & Sons Ltd, February 2017;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	4,00	1	2	<u>Chithra D. Gracia, S. Sudha, Adaptive Clustering of Embedded Multiple Web Objects for Efficient Group Prefetching, Arabian Journal for Science and Engineering, Springer, Vol. 42, Issue 2, pages 715-724, February 2017;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	2,00	1	4	<u>Jose A. Oliveira-Lima, Ramiro Morais, João Francisco Alves Martins, Adrian Florea, Celson Lima, Load Forecast on Intelligent Buildings Based on Temporary Occupancy Monitoring, Energy and Building, 2016;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>Azadeh Zamanifar, Eslam Nazemi, Mojtaba Vahidi-Asl, DMP-IOT: A distributed movement prediction scheme for IOT health-care applications, Computers & Electrical Engineering, Elsevier, Av. online: September 2016;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,33	1	6	<u>Nadia Nedjah, Chao Wang, Reconfigurable and Adaptive Computing: Theory and Applications, Chapman and Hall/CRC, 2015;</u> Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010

A3. Recunoașterea și impactul activității

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	2,00	1	4	<u>Predrag Pecev, Miloš Racković, Miodrag Ivković, A system for deductive prediction and analysis of movement of basketball referees, Multimedia Tools and Applications (Springer US), October 2015;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,67	1	3	<u>Saulius Sinkevicius, Arunas Lipnickas, Kestas Rimkus, Automatic amber gemstones identification by color and shape visual properties, Engineering Applications of Artificial Intelligence, Vol. 37, pp. 258-267, January 2015;</u> Ioan Z. Mișu, Arpad Gellert, Horia V. Caprita, Improved Methods of Geometric Shape Recognition Using Fuzzy and Neural Techniques, Proceedings of the 6th International Conference on Technical Informatics (CONTI 2004), Transactions on Automatic Control and Computer Science, vol. 4, ISSN 1224-600X, pages 99-104, Timisoara, May 2004
	2,00	1	4	<u>Christian Voigtmann, Klaus David, Collaborative Context Prediction, Socio-Technical Design of Ubiquitous Computing Systems, Springer International Publishing, Part II, pp. 131-150, March 2014;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>O. Bien, R.V. Prasad, K. Chandra, I. Niemieegers, H. Nguyen, Resource management in indoor hybrid Fi-Wi network, Transactions on Emerging Telecommunications Technologies (IF=1.049), 2014;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006

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	2,00	1	4	<u>Thomason Alasdair, Leeke Matthew and Griffiths Nathan, Understanding the impact of data sparsity and duration for location prediction applications, International Conference on Mobility and Smart Cities, Rome, Italy, October 2014, republished in Internet of Things: IoT Infrastructures, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, Springer, pp. 192-197, June 2015;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004) Vol-114 ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	4,00	1	2	<u>Sonja Zaplata, Matthias Meiners, Winfried Lamersdorf, Designing future-context-aware dynamic applications with structured context prediction, Software: Practice and Experience, John Wiley & Sons, Vol. 43, Issue 10, pp. 1185-1204, October 2013;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Sawsan Mahmoud, Ahmad Lotfi, Caroline Langensiepen, Behavioural pattern identification and prediction in intelligent environments, Applied Soft Computing, Vol. 13, Issue 4, pp. 1813-1822, April 2013;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004
	2,00	1	4	<u>Erich Bruns, Oliver Bimber, Localization and Classification through Adaptive Pathway Analysis, IEEE Pervasive Computing, Vol. 11, Issue 2, 2012;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX) Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	2,67	1	3	<u>Sulaiman R. Diary, ANN based DBP for Microprocessors Power Reduction, Journal of Computer Science and Control Systems, Vol. 4, No. 1, pp. 173-178, May 2011; Arpad Gellert, Adrian Florea, Lucian Vintan, Exploiting Selective Instruction Reuse and Value Prediction in a Superscalar Architecture, Journal of Systems Architecture, Elsevier, Vol. 55, Issue 3, ISSN 1383-7621 (ISI Thomson Journals), IF 0.722 (for 2009), pages 188-195, The Netherlands, 2009</u>
	4,00	1	2	<u>Jawad H. AlKhateeb, Olivier Pauplin, Jinchang Ren, Jianmin Jiang, Performance of Hidden Markov Model and Dynamic Bayesian Network Classifiers on Handwritten Arabic Word Recognition, Knowledge-Based Systems, Elsevier, February 2011; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	1,33	1	6	<u>Minhaj Ahmad Khan, Improving performance through deep value profiling and specialization with code transformation, Computer Languages, Systems & Structures, Elsevier, 2011; Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010</u>
	2,67	1	3	<u>Ryan Rakvic, José González, Qiong Cai, Pedro Chaparro, Grigorios Magklis, Antonio González, Energy efficiency via thread fusion and value reuse, IET Computers & Digital Techniques, Volume 4, Issue 2, ISSN 1751-8601, pp. 114-125, March 2010; Arpad Gellert, Adrian Florea, Lucian Vintan, Exploiting Selective Instruction Reuse and Value Prediction in a Superscalar Architecture, Journal of Systems Architecture, Elsevier, Vol. 55, Issue 3, ISSN 1383-7621 (ISI Thomson Journals), IF 0.722 (for 2009), pages 188-195, The Netherlands, 2009</u>
	2,67	1	3	<u>Ryan Rakvic, José González, Qiong Cai, Pedro Chaparro, Grigorios Magklis, Antonio González, Energy efficiency via thread fusion and value reuse, IET Computers & Digital Techniques, Volume 4, Issue 2, ISSN 1751-8601, pp. 114-125, March 2010; Lucian Vintan, Adrian Florea, Arpad Gellert, Focalising Dynamic Value Prediction to CPU's Context, IEE Proceedings – Computers & Digital Techniques, Vol. 152, No. 4, ISSN 1350-2387 (ISI Thomson Journals), IF 0.533 (for 2005), pages 473-481, Stevenage, United Kingdom, July 2005</u>

A3. Recunoașterea și impactul activității

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	4,00	1	2	<u>Park K.W., Lim S.S., Park K.H., Computationally Efficient PKI-Based Single Sign-On Protocol, PKASSO for Mobile Devices, IEEE Transactions on Computers, Vol. 57, Issue 6, pages 821-834, June 2008;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	4	<u>Stephan Sigg, Development of a Novel Context Prediction Algorithm and Analysis of Context Prediction Schemes, Kassel University Press, ISBN 978-3-89958-392-2, Germany, 2008;</u> Lucian Viñtan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Technical Report 2004-10 (http://www.informatik.uni-augsburg.de/skripts/techreports/), Institute of Computer Science, University of Augsburg, Germany, April 2004
A3.1.2 Citări în BDI	0,80	1	5	<u>Lozano González Jorge, Neira-Tovar Leticia, Cruz Juan, Sanchez Eduardo, Virtual Reality Training Simulation for Controlled Land Unmanned Vehicle: A Feasibility Model, 2nd EAI International Conference on Smart Technology, pp. 73-88, December 2022;</u> Nicolae-Adrian Tocu, Arpad Gellert, Ioana-Ramona Stefan, Teodor-Marian Nitescu, Gabriela-Alexandra Luca, The impact of virtual reality simulators in manufacturing industry, 12th Annual International Conference on Education and New Learning Technologies, ISBN 978-84-09-17979-4, pp. 3084-3093, Palma de Mallorca, Spain, July 2020.
	2,00	1	2	<u>Hendrik Oestreich, Mario Heinz-Jakobs, Philip Sehr, Sebastian Wrede, Human-Centered Adaptive Assistance Systems for the Shop Floor, Human-Technology Interaction, Shaping the Future of Industrial User Interfaces, Springer, pp. 83-125, December 2022;</u> Arpad Gellert, Constantin-Bala Zamfirescu, Using Two-Level Context-Based Predictors for Assembly Assistance in Smart Factories, Intelligent Methods in Computing, Communications and Control: 8th International Conference on Computers Communications and Control, Book series: Advances in Intelligent Systems and Computing, Springer, ISSN: 2194-5357 (indexed ISI, Scopus), DOI 10.1007/978-3-030-53651-0_14, pp. 167-176, May 2020.
	1,33	1	3	<u>Darko Hercog, Primož Bencak, Uroš Vincetič, Tone Lerher, Product Assembly Assistance System Based on Pick-To-Light and Computer Vision Technology, Sensors, Vol. 22, Issue 24, p. 9769, December 2022;</u> Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s21113580, p. 3580, May 2021.

A3. Recunoașterea și impactul activității

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	1,33	1	3	<u>Lukas Budde, Roman Hänggi, Thomas Friedli, Adrian Rüedy, Smart Factory Framework, Smart Factory Navigator, Springer, pp. 33-229, December 2022; Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s21113580, p. 3580, May 2021.</u>
	0,80	1	5	<u>Shahid Nawaz Khan, Syed Ali Abbas Kazmi, Abdullah Altamimi, Zafar A. Khan, Mohammed A. Alghassab, Smart Distribution Mechanisms – Part I: From the Perspectives of Planning, Sustainability, Vol. 14, Issue 23, p. 16308, December 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>
	0,80	1	5	<u>Abror Buriboev, Azamjon Muminov, Computer State Evaluation Using Adaptive Neuro-Fuzzy Inference Systems, Sensors, Vol. 22, Issue 23, p. 9502, December 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=4.832, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pages 375-391, February 2019</u>
	0,67	1	6	<u>Agnieszka A. Tubis, Honorata Poturaj, Risk Related to AGV Systems – Open-Access Literature Review, Energies, Vol. 15, Issue 23, p. 8910, November 2022; Arpad Gellert, Darius Sarbu, Stefan-Alexandru Precup, Alexandru Matei, Dragos Circa, Constantin-Bala Zamfirescu, Estimation of Missing LiDAR Data for Accurate AGV Localization, IEEE Access, Vol. 10, ISSN 2169-3536 (ISI Thomson Journals IF=3.367), DOI 10.1109/ACCESS.2022.3185763, pp. 68416-68428, June 2022</u>
	0,80	1	5	<u>Excellence Kuyumani, Thokozani Shongwe, Ali Hasan, A Hybrid CNN & BiLSTM with AM Model to Predict and Estimate Load Harmonics at Nestle East London South Africa, Authorea, October 2022; Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, ISSN 2210-6707 (ISI Thomson Journals IF=7.587, Scopus), January 2022.</u>
	1,33	1	3	<u>Marlon Antonin Lehmann, Intelligent assistance systems for assembly tasks, The Future of Smart Production for SMEs, Springer, Cham, pp. 203-211, First online: October 2022; Radu Sorostinean, Arpad Gellert, Bogdan-Constantin Pirvu, Assembly Assistance System with Decision Trees and Ensemble Learning, Sensors, Vol. 21, Issue 11, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s21113580, p. 3580, May 2021.</u>

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Mohamed G. Moh Almihat, M. T. E. Kahn, Khaled Aboalez, Ali M. Almaktoof, Energy and Sustainable Development in Smart Cities: An Overview, Smart Cities, Vol. 5, Issue 4, pp. 389–1408, October 2022; Arpad Gellert, Ugo Fiore, Adrian Florea, Radu Chis, Francesco Palmieri, Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods, Sustainable Cities and Society, Vol. 76, ISSN 2210-6707 (ISI Thomson Journals IF=7.587, Scopus), January 2022.</u>
	0,80	1	5	<u>Mohamed G. Moh Almihat, M. T. E. Kahn, Khaled Aboalez, Ali M. Almaktoof, Energy and Sustainable Development in Smart Cities: An Overview, Smart Cities, Vol. 5, Issue 4, pp. 389–1408, October 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>
	1,33	1	3	<u>David Alfaro-Viquez, Mauricio-Andres Zamora-Hernandez, Manuel Benavent-Liedo, Jose Garcia-Rodriguez, Jorge Azorín-López, Monitoring Human Performance Through Deep Learning and Computer Vision in Industry 4.0, 17th International Conference on Soft Computing Models in Industrial and Environmental Applications (SOCO 2022), pp. 309–318, Salamanca, Spain, September 2022; Arpad Gellert, Radu Sorostinean, Bogdan-Constantin Pirvu, Robust Assembly Assistance Using Informed Tree Search with Markov Chains, Sensors, Vol. 22, Issue 2, ISSN 1424-8220 (ISI Thomson Journals IF=3.275, Scopus, DBLP), DOI 10.3390/s22020495, p. 495, January 2022</u>
	0,80	1	5	<u>M. Rajeshwari, R. Murugesan, M. Kaviyarasu, Chitirala Subrahmanyam, Bipolar Fuzzy Graph on Certain Topological Indices, Journal of Algebraic Statistics, Vol. 13, No. 3, p. 2476 -2481, 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=4.832, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pages 375-391, February 2019</u>

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	0,80	1	5	<u>Behzad Boroujerdian, Ying Jing, Devashree Tripathy, Amit Kumar, Lavanya Subramanian, Luke Yen, Vincent Lee, Vivek Venkatesan, Amit Jindal, Robert Shearer, Vijay Janapa Reddi, FARSI: An Early-stage Design Space Exploration Framework to Tame the Domain-specific System-on-chip Complexity, ACM Transactions on Embedded Computing Systems, https://doi.org/10.1145/3544016, First online: June 2022; Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=4.832, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pages 375-391, February 2019</u>
	4,00	1	1	<u>Wei Niu, Juan Cheng, Dongxu Sun, Xiaogang Song, Research on hybrid Markov prediction model based on clustering, International Symposium on Computer Applications and Information Systems, Vol. 12250, May 2022; Arpad Gellert, Web Access Mining through Dynamic Decision Trees with Markovian Features, Journal of Web Engineering, Vol. 16, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.622, Scopus, DBLP), pages 524-536, USA, September 2017</u>
	0,80	1	5	<u>Kaleeem Shaik Kaleeem, Anuradha Samkham Raju, Nabil Giweli, Ahmed Dawoud, P.W.C. Prasad, Mousa Abu Kashef, IoT Regression Techniques In Smart Parking Systems: Survey, 6th International Conference on Innovative Technology in Intelligent System and Industrial Applications (CITISIA), Sydney, Australia, November 2021; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>
	2,00	1	2	<u>Mingcun Liu, Ce Li, Rui Yan, Yunzhi Xu, Jingyi Qiao, Feng Yang, Enhanced Visual Pipeline Defect Detection Using Partial Convolution Image Restoration, 2021 International Conference on Signal Processing and Machine Learning (CONF-SPML), Stanford CA, USA, November 2021; Arpad Gellert, Remus Brad, Image Inpainting with Markov Chains, Signal, Image and Video Processing, Vol. 14, Issue 7, ISSN 1863-1703 (ISI Thomson Journals IF=1.794, Scopus, DBLP), DOI 10.1007/s11760-020-01675-7, pp. 1335-1343, October 2020.</u>

A3. Recunoașterea și impactul activității

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	0,80	1	5	<u>John Fitzgerald, Peter Gorm Larsen, Tiziana Margaria, Jim Woodcock, Engineering of Digital Twins for Cyber-Physical Systems, International Symposium on Leveraging Applications of Formal Methods, Verification and Validation: Tools and Trends (ISoLA 2020), Lecture Notes in Computer Science, Vol 12479. Springer, Cham, 2021; Alexandru Matei, Nicolae-Adrian Tocu, Constantin-Bala Zamfirescu, Arpad Gellert, Mihai Neghina, Engineering a Digital Twin for Manual Assembling, 10th International Symposium on Leveraging Applications of Formal Methods (ISoLA 2020), published in Leveraging Applications of Formal Methods, Verification and Validation: Tools and Trends, Lecture Notes in Computer Science, Vol. 12479, ISBN 978-3-030-83722-8 (indexed DBLP, Scopus), pp. 140-152, Springer, Cham, 2021.</u>
	2,00	1	2	<u>Waheed Muhammad Sanya, Gaurav Bajpai, Haji Ali Haji, Implementation and Optimization of Image Processing on the Map of SABRE i.MX 6, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 7, Issue 6, pp. 402-414, December 2021; Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016</u>
	2,00	1	2	<u>Ajay Sudhir Bale, S. Saravana Kumar, M. S. Kiran Mohan, N. Vinay, A Study of Improved Methods on Image Inpainting, Trends and Advancements of Image Processing and its Applications, pp. 281-296, First online: November 2021; Arpad Gellert, Remus Brad, Image Inpainting with Markov Chains, Signal, Image and Video Processing, Vol. 14, Issue 7, ISSN 1863-1703 (ISI Thomson Journals IF=1.794, Scopus, DBLP), DOI 10.1007/s11760-020-01675-7, pp. 1335-1343, October 2020.</u>
	0,80	1	5	<u>Ajay Sudhir Bale, S. Saravana Kumar, M. S. Kiran Mohan, N. Vinay, A Study of Improved Methods on Image Inpainting, Trends and Advancements of Image Processing and its Applications, pp. 281-296, First online: November 2021; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	1,00	1	4	<u>Ankit Rokde, Amogha Shanbhag, A Supervised Approach for Providing Contextual Information to User Behavior in IoT Smart Home Environment, 8th International Conference on Future Internet of Things and Cloud, Rome, Italy, August 2021</u> ; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Lennart Späker, Benedikt G. Mark, Erwin Rauch, Development of a Morphological Box to Describe Worker Assistance Systems in Manufacturing, 30th International Conference on Flexible Automation and Intelligent Manufacturing, pp. 168-175, Athens, Greece, June 2021</u> ; Arpad Gellert, Stefan-Alexandru Precup, Bogdan-Constantin Pirvu, Constantin-Bala Zamfirescu, Prediction-Based Assembly Assistance System, 25th International Conference on Emerging Technologies and Factory Automation (ETFA), ISBN 978-1-7281-8957-4 (indexed ISI, DBLP, Scopus), DOI 10.1109/ETFA46521.2020.9212170, pp. 1065-1068, Vienna, Austria, September 2020.
	0,80	1	5	<u>Naveen Tata, Srivasthasva Srinivas Machiraju, V. Akshay, Divyasree Mohan Menon, N.B. Sai Shibu, D. Arjun, Prediction of Energy Consumption Using Statistical and Machine Learning Methods and Analyzing the Significance of Climate and Holidays in the Demand Prediction, Advances in Computing and Network Communications, Lecture Notes in Electrical Engineering, Vol. 736, pp. 117-126, First online: June 2021</u> ; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	2,00	1	2	<u>Azadeh Zamanifar, Data analytics in IOT-based health care, Data Analytics in Biomedical Engineering and Healthcare, pp. 119-130, 2021</u> ; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006.

A3. Recunoașterea și impactul activității

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	2,00	1	2	<u>Macarie Breazu, Daniel Volovici, Daniel Morariu, Radu George Cretulescu, On Hagelbarger's and Shannon's matching pennies playing machines</u> , International Journal of Advanced Statistics and IT&C for Economics and Life Sciences, Vol. X, No. 1, ISSN 2559-365X, pp. 56-66, December 2020; Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	0,80	1	5	<u>Mohammed Eid Awad Alqatqat, Ma Tie Feng, Methods in Fuzzy Time Series Prediction with Applications in Production and Consumption Electric</u> , American Journal of Mathematics and Statistics, Vol. 10, Issue 3, pp. 79-95, 2020; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	0,80	1	5	<u>Oussama Laayati, Mostafa Bouzi, Ahmed Chebak, Smart energy management: Energy consumption metering, monitoring and prediction for mining industry</u> , 2020 IEEE 2nd International Conference on Electronics, Control, Optimization and Computer Science (ICECOCS), Kenitra, Morocco, December 2020; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	0,80	1	5	<u>Orhan Yaman, Hasan Yetis, Mehmet Karakose, Decision Tree Based Customer Analysis Method for Energy Planning in Smart Cities</u> , 2020 International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy (ICDABI), Sakheer, Bahrain, October 2020; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	2,00	1	2	<u>K. Shyamala, S. Kalaivani, Enhanced Webpage Prediction Using Rank Based Feedback Process</u> , New Trends in Computational Vision and Bio-inspired Computing, Springer, pp. 567-576, September 2020; Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016

A3. Recunoașterea și impactul activității

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	0,80	1	5	<u>Behrouz Banitalebi, Srimantoorao S. Appadoo, Aerambamoorthy Thavaneswaran, Data Driven Approach for Reduced Value at Risk Forecasts in Renewable Power Supply Systems, 2020 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Ontario, Canada, September 2020;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	0,80	1	5	<u>Muhammad Asim Mukhtar, Muhammad Khurram Bhatti, Guy Gogniat, IE-Cache: Counteracting Eviction-Based Cache Side-Channel Attacks Through Indirect Eviction, 35th IFIP TC 11 International Conference, pp. 32-45, Maribor, Slovenia, September 2020;</u> Ugo Fiore, Adrian Florea, Arpad Gellert, Lucian Vintan, Paolo Zanetti, Optimal Partitioning of LLC in CAT-enabled CPUs to Prevent Side-Channel Attacks, Cyberspace Safety and Security (CSS 2018), Lecture Notes in Computer Science, Vol. 11161, Springer, ISBN 978-3-030-01688-3 (indexed DBLP, Scopus), pp. 115-123, October 2018
	2,00	1	2	<u>Vinicius Fülber-Garcia, Sérgio Luis Sardi Mergen, LUISA: Decoupling the Frequency Model From the Context Model in Prediction-Based Compression, The Computer Journal, July 2020;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	0,80	1	5	<u>Iman Mohammed Nayyef, Anas Ali Hussien, Intelligent power monitoring and control with wireless sensor network techniques, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 18, No. 2, pp. 1113-1122, May 2020;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019
	1,33	1	3	<u>Marjuka Ferdousi Lazin, Md. Raihan ul Masood, A Fast Interactive Geometric Shape Recognition Method, 22nd International Conference on Computer and Information Technology, Dhaka, Bangladesh, December 2019;</u> Ioan Z. Miha, Arpad Gellert, Horia V. Caprita, Improved Methods of Geometric Shape Recognition Using Fuzzy and Neural Techniques, Proceedings of the 6th International Conference on Technical Informatics (CONTI 2004), Transactions on Automatic Control and Computer Science, vol. 4, ISSN 1224-600X, pages 99-104, Timisoara, May 2004

A3. Recunoașterea și impactul activității

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	0,80	1	5	<u>Mehmet Baris Ozkan, Dilek Küçük, Serkan Buhan, Turan Demirci, Pinar Karagoz, Large-Scale Renewable Energy Monitoring and Forecast Based on Intelligent Data Analysis, Handbook of Research on Smart Computing for Renewable Energy and Agro-Engineering, Chapter 3, pages 53-77, December 2019; Arpad Gellert, Adrian Florea, Ugo Fiore, Francesco Palmieri, Paolo Zanetti, A study on forecasting electricity production and consumption in smart cities and factories, International Journal of Information Management, Elsevier, DOI 10.1016/j.ijinfomgt.2019.01.006, ISSN 0268-4012 (ISI Thomson Journals IF=5.063, Scopus, DBLP), Vol. 49, pages 546-556, December 2019</u>
	2,00	1	2	<u>Young-Hyun Oh, Hamed Mohammadbagherpoor, Patrick Dreher, Anand Singh, Xianqing Yu, Andy J. Rindos, Solving Multi-Coloring Combinatorial Optimization Problems Using Hybrid Quantum Algorithms, arXiv:1911.00595, December 2019; Adrian Florea, Arpad Gellert, E-learning Approach of the Graph Coloring Problem Applied to Register Allocation in Embedded Systems, The 6th International Conference on Innovative Computing Technology (INTECH 2016), ISBN 978-1-5090-2000-3 (indexed ISI, IEEE Xplore, Scopus), DOI 10.1109/INTECH.2016.7845027, pages 88-93, Dublin, Ireland, August 2016</u>
	1,00	1	4	<u>Flávia D. Casagrande, Evi Zouganeli, Prediction of Next Sensor Event and its Time of Occurrence using Transfer Learning across Homes, 16th International Conference on Computer Systems and Applications, Abu Dhabi, United Arab Emirates, November 2019; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	1,00	1	4	<u>Oscar L. Mwale, Peter K. Kihato, Agnes Mindila, Mobile Subscriber Mobility Analytics and Prediction in Wireless Networks Using Machine Learning Techniques, International Journal of Scientific & Technology Research, Vol. 8, Issue 11, November 2019; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>

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	2,00	1	2	<u>Wenbo Zou, Jiwoong Won, Jemin Ahn, Kyungtae Kang, Intentionality-Related Deep Learning Method in Web Prefetching, 27th IEEE International Conference on Network Protocols (ICNP 2019), Chicago, Illinois, USA, October 2019;</u> Arpad Gellert, Adrian Florea, Web Page Prediction Enhanced with Confidence Mechanism, Journal of Web Engineering, Vol. 13, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.361, Scopus, DBLP), pages 507-524, USA, November 2014
	2,00	1	2	<u>Miriam Leopoldseder, Philipp Svoboda, Lukas Eller, Markus Rupp, Benchmarking Lightweight User Mobility Predictors on Operational WLAN Data, 90th Vehicular Technology Conference, Honolulu, HI, USA, September 2019;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	0,80	1	5	<u>Erick M. Nava-Arriaga, Luis Luviano-Ortiz, Abel Hernandez-Guerrero, Enrico Sciubba, Análisis numérico de un novedoso disipador de calor con minicanales y distribuidor de flujo basado en la teoría constructal. Memorias del XXV Congreso Internacional Anual de la SOMIM, Mazatlán, Sinaloa, México, Sept. 2019;</u> Arpad Gellert, Adrian Florea, Ugo Fiore, Paolo Zanetti, Lucian Vintan, Performance and Energy Optimisation in CPUs through Fuzzy Knowledge Representation, Information Sciences, Elsevier, Vol. 476, ISSN 0020-0255 (ISI Thomson Journals IF=4.832, Scopus, DBLP, EBSCO), DOI 10.1016/j.ins.2018.03.029, pages 375-391, February 2019
	1,00	1	4	<u>Flávia D. Casagrande, Jim Tørresen, Evi Zouganeli, Prediction of the Next Sensor Event and Its Time of Occurrence in Smart Homes, Artificial Neural Networks and Machine Learning – ICANN 2019: Text and Time Series, 28th International Conference on Artificial Neural Networks, Part IV, Munich, Germany, September 2019;</u> Lucian Vintan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	2,00	1	2	<u>Uğur Erkan, Levent Gökrem, Serdar Enginoğlu, k-Approximate Frequency Median Filter in Salt-and-Pepper Noise, International Conference on Engineering Sciences and Technology, pages 395-405, Prizren, Kosovo, August 2019;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	1,00	1	4	<u>Flávia D. Casagrande, Jim Tørresen, Evi Zouganeli, Comparison of Probabilistic Models and Neural Networks on Prediction of Home Sensor Events, International Joint Conference on Neural Networks, Budapest, Hungary, July 2019;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,33	1	3	<u>R. Kurnia, F. Kurnia, Fitrilina, Shape object selection using the chi-square method, IOP Conference Series: Materials Science and Engineering, Vol. 602, 2019;</u> Ioan Z. Miha, Arpad Gellert, Cosmin N. Suci, Geometric Shape Recognition Using Fuzzy and Neural Techniques, Proceedings of the 11th International Scientific Symposium (SINTES 11), pp. 354 – 358, Craiova, October 2003
	2,00	1	2	<u>Uğur Erkan, Levent Gökrem, Serdar Enginoğlu, Adaptive Right Median Filter for Salt-and-Pepper Noise Removal, International Journal of Engineering Research and Development, Vol. 11, Issue 2, June 2019;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	1,00	1	4	<u>Zakaria Afkir, Hatim Guermah, Mahmoud Nassar, Sophie Ebersold, Machine Learning Based Approach for Context Aware System, 2019 IEEE 28th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE), Napoli, Italy, June 2019;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Stiene Praet, David Martens, Efficient Parcel Delivery by Predicting Customers' Locations, Decision Sciences, First online: April 2019;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Aycan Celik, Nesrin Özdener, The Effect of Plugged and Unplugged Programming Activities on Motivation, Journal of Academic Social Science, Vol. 7, No. 88, pages 651-669, February 2019;</u> Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016
	2,00	1	2	<u>Konstantinos N. Vavliakis, Maria Th. Kotouza, Andreas L. Symeonidis, Pericles A. Mitkas, Personalization and the Conversational Web, Web Information Systems and Technologies, Springer International Publishing, January 2019;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	2,00	1	2	<u>Gulsher Baloch, Junaid Ahmed, Enhancing proximity measure between residual and noise for image denoising, International Journal of Computational Vision and Robotics, Vol. 9, Issue 1, pages 56-69, January 2019;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	2,00	1	2	<u>Francisco Romaldo Mendes, Hausdorff Path Clustering and Hidden Markov Model Applied to Person Movement Prediction in Retail Spaces, Advances in Analytics and Applications, Springer Singapore, pages 67-76, January 2019;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006

A3. Recunoașterea și impactul activității

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	2,00	1	2	<u>Soukaina Moujtahid, Abdessamad Belangour, Abdelaziz Marzak, A Meta-model for Real-Time Embedded Systems, Lecture Notes in Real-Time Intelligent Systems, Vol. 756, pages 26-34, January 2019;</u> Adrian Florea, Arpad Gellert, Developing Heuristics for the Graph Coloring Problem Applied to Register Allocation in Embedded Systems, Journal of Multimedia Processing and Technologies, ISSN 0976-4127 (indexed DBLP), Vol. 8, No. 3, pages 74-87, September 2017
	1,00	1	4	<u>Md. Abdul Matin, Sha Sultana Md. Oliullah, Md. Masbaul Alam Polash, Implementation of a Customizable Algorithm Visualization Tool for E-Learning, 2nd International Conference on Education and E-Learning, pages 32-36, Bali, Indonesia, November 2018;</u> Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea, Web-Based Technologies for Online e-Learning Environments, 7th International Scientific Conference "eLearning and Software for Education" (eLSE 2011), ISSN: 2066-026X, Equiv. IF 0.25 (indexed ISI), Vol. II, pages 502-509, Bucharest, April 2011
	1,00	1	4	<u>Abdulrahman Al-Molegi, Antoni Martínez Ballesté, The Effect of Space-Time Representation Learning in Predicting People's Next Location, 21st International Conference of the Catalan Association for Artificial Intelligence, Roses, Catalonia, Spain, October 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>Konstantinos N. Vavliakis, Maria Th. Kotouza, Andreas L. Symeonidis, Pericles A. Mitkas, Recommendation Systems in a Conversational Web, Proceedings of the 14th International Conference on Web Information Systems and Technologies (WEBIST 2018), pages 68-77, Sevilla, Spain, September 2018;</u> Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016
	0,80	1	5	<u>Anuj Pathania, Jörg Henkel, HotSniper: Sniper-Based Toolchain for Many-Core Thermal Simulations in Open Systems, IEEE Embedded Systems Letters, August 2018;</u> Adrian Florea, Claudiu Buduleci, Radu Chis, Arpad Gellert, Lucian Vintan, Enhancing the Sniper Simulator with Thermal Measurement, The 18th International Conference on System Theory, Control and Computing, ISBN 978-1-4799-4602-0 (Scopus, IEEE Xplore), Sinaia, October 2014

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Dongbiao He, Cedric Westphal, J.J. Garcia-Luna-Aceves, Network Support for AR/VR and Immersive Video Application: A Survey, Proceedings of the 15th International Joint Conference on e-Business and Telecommunications, Porto, Portugal, July 2018; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	2,00	1	2	<u>K. Shyamala, S. Kalaivani, Application of Monte Carlo Search for Performance Improvement of Web Page Prediction, International Journal of Engineering & Technology, Vol. 7, No. 3.4, pages 133-137, June 2018; Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016</u>
	2,00	1	2	<u>K. Shyamala, S. Kalaivani, Application of Monte Carlo Search for Performance Improvement of Web Page Prediction, International Journal of Engineering & Technology, Vol. 7, No. 3.4, pages 133-137, June 2018; Arpad Gellert, Adrian Florea, Web Page Prediction Enhanced with Confidence Mechanism, Journal of Web Engineering, Vol. 13, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.361, Scopus, DBLP), pages 507-524, USA, November 2014</u>
	1,00	1	4	<u>Atef Zaguia, Darine Ameyed, Djamel Guessoum, Adel Mahfoudhi, Roobaea Alrobaea, Mobility Prediction in Pervasive Context-Awareness System, International Journal of Applied Engineering Research, Volume 13, Number 9, pages 6594-6607, May 2018; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	2,00	1	2	<u>Atef Zaguia, Darine Ameyed, Djamel Guessoum, Adel Mahfoudhi, Roobaea Alrobaea, Mobility Prediction in Pervasive Context-Awareness System, International Journal of Applied Engineering Research, Volume 13, Number 9, pages 6594-6607, May 2018; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>

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	1,00	1	4	<u>Atef Zaguia, A Survey of Mobility Prediction in Ubiquitous Computing, International Journal of Computer Science & Engineering Technology, Vol. 9, No. 2, pages 8-12, March 2018;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>Uğur Erkan, Levent Gökrem, A new method based on pixel density in salt and pepper noise removal, Turkish Journal of Electrical Engineering & Computer Sciences, Vol. 26, Issue 1, DOI 10.3906/elk-1705-256, pages 162-171, 2018;</u> Arpad Gellert, Remus Brad, Context-Based Prediction Filtering of Impulse Noise Images, IET Image Processing, Vol. 10, Issue 6, ISSN 1751-9659 (ISI Thomson Journals IF=1.044, DBLP, Scopus, EBSCO, IEEE Xplore), DOI 10.1049/iet-ipr.2015.0702, pages 429-437, Stevenage, United Kingdom, June 2016
	1,00	1	4	<u>Zubaida Rehman, Survey – Branch Prediction Techniques, Research Journal of Innovative Ideas and Thoughts, Vol. 5, Issue 2, pages 47-58, December 2017;</u> Marius Oancea, Arpad Gellert, Adrian Florea, Lucian Vințan, Analyzing Branch Prediction Contexts Influence, Advanced Computer Architecture and Compilation for Embedded Systems (ACACES 2006), ISBN 90 382 0981 9, pages 5-8, L'Aquila, Italy, July 2006
	2,00	1	2	<u>Hengfei Fan, Wenbin Yao, A Trajectory Prediction Method with Sparsity Data, 15th IEEE International Symposium on Parallel and Distributed Processing with Applications and 16th IEEE International Conference on Ubiquitous Computing and Communications (ISPA/IUCC), Guangzhou, China, December 2017;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Rima Alaaeddine, Song Wu, Application of supervised learning methods to better predict building energy performance, The First International Conference on Sustainable Futures 2017, Sitra, Bahrain, November 2017;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Abdulrahman Al-Molegi, Antoni Martínez Ballesté, Mohammed Jabreel, Geo-Temporal Recurrent Model for Location Prediction, 20th International Conference of the Catalan Association for Artificial Intelligence, Deltebre, Catalonia, Spain, October 2017; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	2,00	1	2	<u>Carmen Cheh, Binbin Chen, William G. Temple, William H. Sanders, Data-Driven Model-Based Detection of Malicious Insiders via Physical Access Logs, 14th International Conference on Quantitative Evaluation of Systems, Berlin, Germany, September 2017; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	2,00	1	2	<u>Ning Xie, Kyle Brown, Nathan Rude, Derek Doran, A Soft Computing Prefetcher to Mitigate Cache Degradation by Web Robots, 14th International Symposium on Neural Networks (Hokkaido, Japan, June 2017), published in Lecture Notes in Computer Science, Advances in Neural Networks, Vol. 10261, pp. 536-546, 2017; Arpad Gellert, Adrian Florea, Web Prefetching through Efficient Prediction by Partial Matching, World Wide Web Journal, Vol. 19, Issue 5, DOI 10.1007/s11280-015-0367-8, pages 921-932, USA, September 2016</u>
	1,00	1	4	<u>Ciprian-Bogdan Chirila, Towards the Enhancement of AGLOs with SCORM and xAPI, International Scientific Conference eLearning and Software for Education, Vol. 2, pp. 268-274, Bucharest, April 2017; Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016</u>

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Ciprian-Bogdan Chirila, Remy Raes, Generic online algorithm interpreter with dynamic data visualizations - case study on sorting algorithms, International Scientific Conference eLearning and Software for Education, Vol. 2, pp. 262-267, Bucharest, April 2017;</u> Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016
	2,00	1	2	<u>G. Poornalatha, Sharma Chethan, Raghavendra Prakash, Prediction model for prefetching web page based on the usage pattern, International Journal of Control Theory and Applications, Vol. 10, No. 14, pp. 39-47, 2017;</u> Arpad Gellert, Adrian Florea, Web Page Prediction Enhanced with Confidence Mechanism, Journal of Web Engineering, Vol. 13, Issue 5-6, ISSN 1540-9589 (ISI Thomson Journals IF=0.361, Scopus, DBLP), pages 507-524, USA, November 2014
	1,00	1	4	<u>Ciprian-Bogdan Chirila, Auto-Generative Learning Objects in Online Assessment of Data Structures Disciplines, Broad Research in Artificial Intelligence and Neuroscience, Vol. 8, Issue 1, pp. 24-34, April 2017;</u> Adrian Florea, Arpad Gellert, Delilah Florea, Adrian-Cristian Florea, Teaching Programming by Developing Games in Alice, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), ISSN 2066-026X (indexed ISI), Vol. 1, DOI 10.12753/2066-026X-16-073, pages 503-510, Bucharest, April 2016
	1,33	1	3	<u>Yuancheng Li, Bin Liu, Survey of implicit thread-level speculation parallel technology for irregular serial programs, Journal of Xi'an Institute of Posts and Telecommunications, Vol. 22, No. 1, pp. 99-105, January 2017;</u> Arpad Gellert, Adrian Florea, Lucian Vintan, Exploiting Selective Instruction Reuse and Value Prediction in a Superscalar Architecture, Journal of Systems Architecture, Elsevier, Vol. 55, Issue 3, ISSN 1383-7621 (ISI Thomson Journals IF=0.722, Scopus, DBLP, ACM Digital Library, EBSCO), pages 188-195, The Netherlands, 2009

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Abdulrahman Al-Molegi, Mohammed Jabreel, Baraq Ghaleb, STF-RNN: Space Time Features-based Recurrent Neural Network for Predicting People Next Location, 2016 IEEE Symposium Series on Computational Intelligence (SSCI 2016), Athens, Greece, December 2016; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	1,00	1	4	<u>Ciprian-Bogdan Chirila, Remy Raes, Arthur Roland, Towards a generic gamification of sorting algorithms, 12th IEEE International Symposium on Electronics and Telecommunications, Timisoara, October 2016; Adrian Florea, Elimelec Burghelea, Arpad Gellert, Delilah Florea, MiniGL: Game and Learning, 11th International Scientific Conference "eLearning and Software for Education" (eLSE 2015), Vol. 1, Bucharest, April 2015</u>
	1,00	1	4	<u>Ciprian-Bogdan Chirila, Towards the Gamification of Auto-Generative Learning Objects, First International Conference on Smart Learning Ecosystems and Regional Developments, Timisoara, May 2016; Adrian Florea, Elimelec Burghelea, Arpad Gellert, Delilah Florea, MiniGL: Game and Learning, 11th International Scientific Conference "eLearning and Software for Education" (eLSE 2015), Vol. 1, Bucharest, April 2015</u>
	1,33	1	3	<u>Poonam Jangid, R.C. Patel, Review of two dimension geometric shape detection methods, International Journal of Advance Research in Engineering, Science & Technology, Vol. 3, Issue 4, pp. 252-258, April 2016; Ioan Z. Mișu, Arpad Gellert, Cosmin N. Suci, Geometric Shape Recognition Using Fuzzy and Neural Techniques, Proceedings of the 11th International Scientific Symposium (SINTES 11), pp. 354 – 358, Craiova, October 2003</u>
	1,00	1	4	<u>Ioan Vlasin, Ciprian-Bogdan Chirila, Online Contest Based on Integration of Activities, Adaptability and Students Cooperation Using Ilias LMS, The 12th International Scientific Conference "eLearning and Software for Education" (eLSE 2016), Vol. 3, Bucharest, April 2016; Adrian Florea, Elimelec Burghelea, Arpad Gellert, Delilah Florea, MiniGL: Game and Learning, 11th International Scientific Conference "eLearning and Software for Education" (eLSE 2015), Vol. 1, Bucharest, April 2015</u>

A3. Recunoașterea și impactul activității

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	2,00	1	2	<u>Antonis Bikakis, Patrice Caire, Keith Clark, Gary Cornelius, Jiefei Ma, Rob Miller, Alessandra Russo, Holger Voos, Collaborative Explanation and Response in Assisted Living Environments Enhanced with Humanoid Robots, Proceedings of 8th International Conference on Agents and Artificial Intelligence, Rome, Italy, February 2016;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	2	<u>Antonis Bikakis, Patrice Caire, Keith Clark, Gary Cornelius, Jiefei Ma, Rob Miller, Alessandra Russo, Proactive Multi-Agent Explanation Generation and Evidence Gathering in a Service Robot Inhabited Assisted Living Environment, 8th International Conference on Agents and Artificial Intelligence, Rome, Italy, February 2016;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Jawdat Jamil Alshaer, Mobile Object-Tracking Approach using a Combination of Fuzzy Logic and Neural Networks, Global Journal of Computer Science and Technology: E, Vol. 15, Issue 8, pp. 19-25, USA, December 2015;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Nizar Hamadeh, Alaa Hilal, Bassam Daya, Pierre Chauvet, Studying the factors affecting the risk of forest fire occurrence and applying neural networks for prediction, SAI Intelligent Systems Conference (IntelliSys), pp. 522-526, London, UK, November 2015;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Yuan Yao, Zhang Dalin, Wang Qing and Shi Jinglin, A Multicast Search Scheme Based on Bipartite Graph Matching Model, International Journal of Signal Processing, Image Processing and Pattern Recognition, Vol. 8, No. 11, pp. 397-416, 2015;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>Aditya Khamparia, Babita Pandey, Knowledge and intelligent computing methods in e-learning, International Journal of Technology Enhanced Learning, Vol. 7, No. 3, pp. 221-242, November 2015;</u> Adrian Florea, Arpad Gellert, Different Approaches for Solving Optimization Problems using Interactive e-Learning Tools, The 10th International Scientific Conference "eLearning and Software for Education" (eLSE 2014), ISSN 2066-026X, Vol. 2, Bucharest, April 2014
	1,00	1	4	<u>Alasdair Thomason, Nathan Griffiths, Victor Sanchez, Parameter Optimisation for Location Extraction and Prediction Applications, 13th IEEE International Conference on Pervasive Intelligence and Computing, Liverpool, UK, October 2015;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,33	1	3	<u>Hongjun Dai, Chao Yan, Bin Gong, Zhun Yang, Tianzhou Chen, Exploring Predictable Redundant Instruction Parallelism in Fault Tolerant Microprocessors, 17th IEEE International Conference on High Performance Computing and Communications, pp. 324-329, New York, US, August 2015;</u> Lucian Vințan, Adrian Florea, Arpad Gellert, Focalising Dynamic Value Prediction to CPU's Context, IEE Proceedings – Computers & Digital Techniques, Vol. 152, No. 4, ISSN 1350-2387 (ISI Thomson Journals), IF 0.533 (for 2005), pages 473-481, Stevenage, United Kingdom, July 2005

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	2,00	1	2	<u>Abubaker Elbayoudi, Ahmad Lotfi, Caroline Langensiepen, Kofi Appiah, Modelling and simulation of activities of daily living representing an older adult's behaviour, Proceedings of the 8th ACM International Conference on PErvasive Technologies Related to Assistive Environments (PETRA 2015), Corfu, Greece, July 2015; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	1,00	1	4	<u>Darine Ameyed, Moeiz Miraoui, Chakib Tadj, A Survey of Prediction Approach in Pervasive Computing, International Journal of Scientific & Engineering Research, Vol. 6, Issue 5, pp. 306-316, May 2015; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	2,00	1	2	<u>Darine Ameyed, Moeiz Miraoui, Chakib Tadj, A Survey of Prediction Approach in Pervasive Computing, International Journal of Scientific & Engineering Research, Vol. 6, Issue 5, pp. 306-316, May 2015; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	1,00	1	4	<u>K. Amrita, S.T. Keerthana, M. Vasanthakumar, Modified Artificial Potential Fields Algorithm for Mobile Robot Path Planning, International Journal for Research in Applied Science & Engineering Technology, Special Issue 3, November 2014; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Christian Koehler, Nikola Banovic, Ian Oakley, Jennifer Mankoff, Anind K. Dey, Indoor-ALPS: an adaptive indoor location prediction system, Proceedings of the 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing, pp. 171-181, Seattle, USA, September 2014;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	0,67	1	6	<u>Peng Chen, Chao Wang, Xi Li, Xuehai Zhou, Multi-objective aware design flow for coarse-grained systems on chip, 20th International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA), pp. 1-8, Chongqing, China, August 2014;</u> Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010
	1,00	1	4	<u>Ali Karouni, Bassam Daya, Pierre Chauvet, Applying Decision Tree Algorithm and Neural Networks to Predict Forest Fires in Lebanon, Journal of Theoretical and Applied Information Technology, Vol. 63, No. 2, pp. 282-291, May 2014;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Technical Report 2004-10 (http://www.informatik.uni-augsburg.de/skripts/techreports/), Institute of Computer Science, University of Augsburg, Germany, April 2004
	1,33	1	3	<u>Saulius Sinkevicius, Arunas Lipnickas, Kestas Rimkus, Organic Shapes Classification by Similarity to Basic Geometric Shapes, International Journal of Computer and Information Technology, Vol. 3, Issue 3, pp. 503-507, May 2014;</u> Ioan Z. Mihiu, Arpad Gellert, Horia V. Caprita, Improved Methods of Geometric Shape Recognition Using Fuzzy and Neural Techniques, Proceedings of the 6th International Conference on Technical Informatics (CONTI 2004), Transactions on Automatic Control and Computer Science, vol. 4, ISSN 1224-600X, pages 99-104, Timisoara, May 2004

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Tomas Mikluscak, Ales Janota, How to Predict Location and for What to Use It?, 15th International Carpathian Control Conference (ICCC), pp. 351-356, Velké Karlovice, Czech Republic, May 2014;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Urvashi Pathania, Aman Singh, Visualization Tool for Tree and Graph Algorithms with Audio Comments, International Journal of Software and Web Sciences, (IJSWS) 8(1), pp. 51-58, March 2014;</u> Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea, Web-Based Technologies for Online e-Learning Environments, 7th International Scientific Conference "eLearning and Software for Education" (eLSE 2011), ISSN: 2066-026X, Equiv. IF 0.25 (indexed ISI), Vol. II, pages 502-509, Bucharest, April 2011
	1,00	1	4	<u>Urvashi Pathania, Aman Singh, Visualization Tools of Data Structures Algorithms – A Survey, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 3, pp. 338-341, March 2014;</u> Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea, Web-Based Technologies for Online e-Learning Environments, 7th International Scientific Conference "eLearning and Software for Education" (eLSE 2011), ISSN: 2066-026X, Equiv. IF 0.25 (indexed ISI), Vol. II, pages 502-509, Bucharest, April 2011
	0,67	1	6	<u>Mutaz Al-Tarawneh, Ashraf Alkhresheh, Towards An Optimal Multicore Processor Design for Cryptographic Algorithms – A Case Study on RSA, WSEAS Transactions on Computers, Volume 13, pp. 54-77, 2014;</u> Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Mamun Bin Ibne Reaz, Mohd. Marufuzzaman, Pattern Matching and Reinforcement Learning to Predict the User Next Action of Smart Home Device Usage, Acta Technica Corviniensis, ISSN 2067-3809, Tome 6, Fascicule 3, July-September 2013;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Marius Valerian Paulet, Oana Maria Neacsu, Alexandru Salceanu, Elearning Dedicated to the Students of Electrical Engineering, 8th International Symposium on Advanced Topics in Electrical Engineering, Bucharest, May 2013;</u> Adrian Florea, Arpad Gellert, Traian Anghel, Delilah Florea, Online Collaborative Education Management Tool, Proceedings of the 5th International Conference on Virtual Learning, ISSN 1844-893, pp. 367-374, Targu Mures, October 2010
	1,00	1	4	<u>Mamun Bin Ibne Reaz, Artificial Intelligence Techniques for Advanced Smart Home Implementation, Acta Technica Corviniensis, ISSN 2067-3809, Tome 6, Fascicule 2, April-June 2013. (numele inversat cu prenumele in bibliografie => Google Scholar, Arpad G.);</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Conor Ryan, Kenneth N. Brown, Predicting Occupant Locations Using Association Rule Mining, Research and Development in Intelligent Systems XXX, Springer International Publishing, pp. 63-77, 2013;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Technical Report 2004-10 (http://www.informatik.uni-augsburg.de/skripts/techreports/), Institute of Computer Science, University of Augsburg, Germany, April 2004

A3. Recunoașterea și impactul activității

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	1,00	1	4	<u>Hariram Chavan, Suneeta Sane, H. B. Kekre, Neural Network Based Mobility Aware Prefetch Caching and Replacement Strategies in Mobile Environment, International Journal of Advanced Computer Science and Applications, Vol. 4, No. 5, USA, 2013;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Huang Liang, Hu Li, Yuan Yao, Han Xue, Shi Jing-Lin, Multicast Paging Scheme Based on Bipartite Graph Matching Model, Journal of System Simulation, Issue 5, pp. 1014-1023, 2013;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Mohd. Marufuzzaman, Mamun Bin Ibne Reaz, Hardware Simulation of Pattern Matching and Reinforcement Learning to Predict the User Next Action of Smart Home Device Usage, World Applied Sciences Journal, Vol. 22, No. 9, 2013;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Conor Ryan, Kenneth N. Brown, Occupant Location Prediction Using Association Rule Mining, Workshop on AI Problems and Approaches for Intelligent Environments, pp. 27-32, Montpellier, France, August 2012;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Technical Report 2004-10 (http://www.informatik.uni-augsburg.de/skripts/techreports/), Institute of Computer Science, University of Augsburg, Germany, April 2004
	0,67	1	6	<u>Mehdi Alipour, Esmaeil Zeinali Kh., Kamran Moshari, Ensiyeh S. F. Moghaddam, Performance, Power and Area Exploration of Cache for Embedded Applications, International Conference on Embedded Systems and Applications (ESA'12), Las Vegas, Nevada, USA, July 2012;</u> Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010

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	1,00	1	4	<u>Christian Voigtmann, Klaus David, A Survey To Location-Based Context Prediction, First Workshop on Recent Advances in Behavior Prediction and Pro-Active Pervasive Computing (AwareCast 2012), Newcastle, UK, June 2012;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	0,67	1	6	<u>Mehdi Alipour, Hojjat Taghdisi, Seyed Hassan Sadeghzadeh, Multi objective design space exploration of cache for embedded applications, 25th IEEE Canadian Conference on Electrical & Computer Engineering (CCECE), pp. 1-4, Montreal, QC, Canada, May 2012;</u> Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010
	2,00	1	2	<u>Eoghan Furey, Kevin Curran, Paul Mc Kevitt, Probabilistic Indoor Human Movement Modeling to Aid First Responders, Journal of Ambient Intelligence and Humanized Computing, Springer, Vol. 3, No. 2, April 2012;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Eoghan Furey, Kevin Curran, Paul Mc Kevitt, Probabilistic Indoor Human Movement Modeling to Aid First Responders, Journal of Ambient Intelligence and Humanized Computing, Springer, Vol. 3, No. 2, April 2012;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	2,00	1	2	<u>Tim Schlüter, Stefan Conrad, Hidden markov model-based time series prediction using motifs for detecting inter-time-serial correlations, Proceedings of the 27th Annual ACM Symposium on Applied Computing, pp. 158-164, Riva del Garda, Italy, March 2012;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Han Xue, Huang Liang, Qian Man-li, Shi Jing-lin, Key Technologies of Next Generation Mobile Communication Network Control and Management, Journal of Integration Technology, Vol. 1, No. 3, pp. 55-60, September 2012;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>Tomáš Mikluščák, Michal Gregor, Aleš Janota, Using Neural Networks for Route and Destination Prediction in Intelligent Transport Systems, Communications in Computer and Information Science vol. 329, pp. 380-387, Springer-Verlag Berlin Heidelberg 2012;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	2	<u>Eoghan Furey, Kevin Curran, Paul Mc Kevitt, A Bayesian Filter Approach to Modelling Human Movement Patterns for First Responders within Indoor Locations, Third International Conference on Intelligent Networking and Collaborative Systems, Fukuoka, Japan, December 2011;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	0,67	1	6	<u>Mehdi Alipour, Kamran Moshari, Mohammad Reza Bagheri, Performance per Power Optimum Cache Architecture for Embedded Applications, a Design Space Exploration, Second International Conference on Networked Embedded Systems for Enterprise Applications (NESEA 2011), pp. 1-6, Fremantle, Australia, December 2011; Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010</u>
	0,67	1	6	<u>Mehdi Alipour, Mostafa Salehi, Kamran Moshari, Cache Power and Performance Tradeoffs for Embedded Applications, IEEE International Conference on Computer Applications and Industrial Electronics (ICCAIE 2011), pp. 26-31, Penang, Malaysia, December 2011; Arpad Gellert, Gianluca Palermo, Vittorio Zaccaria, Adrian Florea, Lucian Vintan, Cristina Silvano, Energy-Performance Design Space Exploration in SMT Architectures Exploiting Selective Load Value Predictions, International Conference on Design, Automation and Test in Europe (DATE 2010), ISBN: 978-3-9810801-6-2, pages 271-274, Dresden, Germany, March 2010</u>
	2,00	1	2	<u>Eoghan Furey, Kevin Curran, Paul Mc Kevitt, HABITS: A Bayesian Filter Approach to Indoor Tracking and Location, The 22nd Irish Conference on Artificial Intelligence and Cognitive Science (AICS 2011), University of Ulster, Ireland, August 2011; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	1,00	1	4	<u>Eoghan Furey, Kevin Curran, Paul Mc Kevitt, HABITS: A Bayesian Filter Approach to Indoor Tracking and Location, The 22nd Irish Conference on Artificial Intelligence and Cognitive Science (AICS 2011), University of Ulster, Ireland, August 2011; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>

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Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	2,00	1	2	<u>Bien Van Quang, Vankatesha Prasad, Ignas Niemieeger, Nguyen Thi Viet Huong, An Approach for Movement Prediction in Radio over Fiber Indoor Network at 60 GHz, International Conference on Communications and Signal Processing (ICCSP 2011), pp. 389-393, Kerala, India, February 2011;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Bien Van Quang, Vankatesha Prasad, Ignas Niemieeger, Nguyen Thi Viet Huong, An Approach for Movement Prediction in Radio over Fiber Indoor Network at 60 GHz, International Conference on Communications and Signal Processing (ICCSP 2011), pp. 389-393, Kerala, India, February 2011;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	1,00	1	4	<u>Andrey Boytsov, Arkady Zaslavsky, Context Prediction in Pervasive Computing Systems: Achievements and Challenges, SUPPORTING REAL TIME DECISION-MAKING, Annals of Information Systems, Vol 13, Part 2, 2011;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>Andrey Boytsov, Arkady Zaslavsky, Context Prediction in Pervasive Computing Systems: Achievements and Challenges, SUPPORTING REAL TIME DECISION-MAKING, Annals of Information Systems, Vol 13, Part 2, 2011;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006

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	1,00	1	4	<u>Tomáš Mikluščák, Michal Gregor, Person Movement Prediction Using Artificial Neural Networks with Dynamic Training on a Fixed-Size Training Data Set, Applied Computer Science, Vol. 7, No. 2, pp. 43-56, 2011:</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Technical Report 2004-10 (http://www.informatik.uni-augsburg.de/skripts/techreports/), Institute of Computer Science, University of Augsburg, Germany, April 2004
	2,00	1	2	<u>Hongbo Si, Yue Wang, Jian Yuan, Xiuming Shan, Mobility Prediction in Cellular Network using Hidden Markov Model, 7th Annual IEEE Consumer Communications & Networking Conference, Las Vegas, Nevada, USA, January 2010:</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Hongbo Si, Yue Wang, Jian Yuan, Xiuming Shan, Mobility Prediction in Cellular Network using Hidden Markov Model, 7th Annual IEEE Consumer Communications & Networking Conference, Las Vegas, Nevada, USA, January 2010:</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>Andrey Boytsov, Arkady Zaslavsky, Extending Context Spaces Theory by Proactive Adaptation, SMART SPACES AND NEXT GENERATION WIRED/WIRELESS NETWORKING, Lecture Notes in Computer Science, Springer Berlin/Heidelberg, Vol. 6294/2010:</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	1,00	1	4	<u>José Alfredo Abad Padilla, Juan Luis Gorricho Moreno, Estrategia de búsqueda de dispositivos basada en el historial de conexiones utilizando redes neuronales, VII Congreso Internacional en Innovación y Desarrollo Tecnológico, p. 473-480, Cuernavaca, Morelos, México, Oct. 2009;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004
	2,00	1	2	<u>M. AL-Omari, Rami Qahwaji, T. Colak, Stan Ipson, C. Balch, Next-Day Prediction of Sunspots Area and McIntosh Classifications Using Hidden Markov Models, International Conference on CyberWorlds, pp. 253-256, Bradford, UK, September 2009;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	2,00	1	2	<u>Andrey Boytsov, Arkady Zaslavski, Kåre Synnes, Extending Context Spaces Theory by Predicting Run-Time Context, Lecture Notes in Computer Science, Springer Berlin/Heidelberg, Vol. 5764/2009;</u> Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006
	1,00	1	4	<u>Andrey Boytsov, Arkady Zaslavski, Kåre Synnes, Extending Context Spaces Theory by Predicting Run-Time Context, Lecture Notes in Computer Science, Springer Berlin/Heidelberg, Vol. 5764/2009;</u> Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	1,00	1	4	<u>Mamun Bin Ibne Reaz, Awss Assim, Muhammad I. Ibrahimy, Florence Choong, Faisal Mohd-Yasin, Hardware Simulation of Home Automation Using Pattern Matching and Reinforcement Learning for Disabled People, International Conference on Artificial Intelligence, pages 213-218, Las Vegas, Nevada, USA, July 2008; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	2,00	1	2	<u>Bradler D., Schweizer I., Panitzek K., Mühlhäuser M., First Response Communication Sandbox, Proceedings of the 11th Communications and Networking Simulation Symposium, Ottawa, Canada, April 2008; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	2,00	1	2	<u>Bradler D., Schweizer I., Panitzek K., Mühlhäuser M., First Response Communication Sandbox, Proceedings of the 11th Communications and Networking Simulation Symposium, Ottawa, Canada, April 2008; Arpad Gellert, Lucian Vintan, Person Movement Prediction Using Hidden Markov Models, Studies in Informatics and Control, Vol. 15, No. 1, ISSN 1220-1766 (IEE INSPEC), National Institute for Research and Development in Informatics, Bucharest, March 2006</u>
	0,80	1	5	<u>Yokota T., Ootsu K., Baba T., Entropy Representation of Memory Access Characteristics and Cache Performance, Advances in Computer Science and Technology (ACST 2008), Langkawi, Malaysia, April 2008; Lucian Vintan, Arpad Gellert, Adrian Florea, Marius Oancea, Colin Egan, Understanding Prediction Limits Through Unbiased Branches, Eleventh Asia-Pacific Computer Systems Architecture Conference (ACSAC 2006), published in Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, Vol. 4186/2006, ISSN 0302-9743, ISBN 978-3-540-40056-1 (ISI Thomson Journals), IF 0,402 (in 2005, until October 2006), pages 480-487, Shanghai, China, September 2006</u>

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	0,80	1	5	<u>Yokota T., Ootsu K., Baba T., Potentials of Branch Predictors: From Entropy Viewpoints, Proceedings of ARCS 2008 - Architecture of Computing Systems, Technische Univerität Dresden, Germany, February 2008; Lucian Vintan, Arpad Gellert, Adrian Florea, Marius Oancea, Colin Egan, Understanding Prediction Limits Through Unbiased Branches, Eleventh Asia-Pacific Computer Systems Architecture Conference (ACSAC 2006), published in Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, Vol. 4186/2006, ISSN 0302-9743, ISBN 978-3-540-40056-1 (ISI Thomson Journals), IF 0,402 (in 2005, until October 2006), pages 480-487, Shanghai, China, September 2006</u>
	1,00	1	4	<u>Mamun Bin Ibne Reaz, Awss Assim, Muhammad I. Ibrahimy, Florence Choong, Faisal Mohd-Yasin, Smart Home Device Usage Prediction using Pattern Matching and Reinforcement Learning, 7th International Conference on System Identification and Control Problems, Moscow, January 2008; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
	1,00	1	4	<u>Das T., Choudhury A., De D., Movement Pattern Based Adaptive Location Management, The Fifth International Conference on Advances in Mobile Computing and Multimedia, Jakarta, Indonesia, December 2007; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Technical Report 2004-10 (http://www.informatik.uni-augsburg.de/skripts/techreports/), Institute of Computer Science, University of Augsburg, Germany, April 2004</u>
	1,00	1	4	<u>Akoush S., Sameh A., Bayesian Learning of Neural Networks for Mobile User Position Prediction, Proceedings of the 16th International Conference on Computer Communications and Networks (ICCCN 2007), USA, August 2007; Lucian Vințan, Arpad Gellert, Jan Petzold, Theo Ungerer, Person Movement Prediction Using Neural Networks, Proceedings of the KI2004 International Workshop on Modeling and Retrieval of Context (MRC 2004), Vol-114, ISSN 1613-0073 (CiteSeerX), Ulm, Germany, September 2004</u>
A3.2 Membru în colectivele de redacție sau comitetele științifice ale	10,00			Microprocessors and Microsystems, Elsevier https://www.journals.elsevier.com/microprocessors-and-microsystems Reviewer Certificate 2014

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A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	10,00			Intelligent Automation and Soft Computing https://autosoftjournal.net/ Reviewer Certificate 2019-2020
	10,00			IEEE Access https://ieeaccess.ieee.org/ Reviewer Certificate 2019
A3.3 Membru în colectivele de redactie sau comitete științifice al revistelor, indexate BDI chair, co-Chair sau membru în comitetele de organizare ale manifestarilor științifice internaționale indexate BDI	6,00			Workshop HiPEAC 1-3 aprilie 2013, Sibiu, Romania Organizing Committee http://acaps.ulbsibiu.ro/papers/HiPEAC_Sibiu_Agenda.pdf
	6,00			Design, Automation & Test in Europe, Grenoble, France, March 2015 Technical Program Committee https://www.date-conference.com/proceedings-archive/2015/html/oc.html#reviewe
	6,00			Tenth International Conference on Digital Information Management, Jeju Islands, South Korea, October 2015 International Program Committee http://www.icdim.org/icdim2015/prog.html
	6,00			11th International Conference on Digital Information Management, Keelung, Taiwan, October 2016 International Program Committee http://www.icdim.org/taiwan/prog.html
	6,00			12th International Conference on Digital Information Management, Fukuoka, Japan, September 2017 International Program Committee http://www.icdim.org/icdim17/prog.html

A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	6,00			21st International Conference on System Theory, Control and Computing, Sinaia, Romania, October 2017 Reviewer http://www.icstcc2017.ac.tuiasi.ro/wp-content/uploads/sites/16/2017/07/ICSTCC2017_reviewers.pdf
	6,00			13th International Conference on digital Information Management, Berlin, Germany, September 2018 International Program Committee http://www.icdim.org/icdim18/prog.html
	6,00			Engineering Science and Technology, an International Journal, Elsevier (rev. certificate 2019) https://www.journals.elsevier.com/engineering-science-and-technology-an-international-journal
	6,00			14th International Conference on digital Information Management (ICDIM 2019) International Program Committee http://www.icdim.org/icdim19/prog.html
	6,00			14th International Conference on Internet Monitoring and Protection (ICIMP 2019) Technical Program Committee https://www.iaria.org/conferences2019/ComICIMP19.html
	6,00			International Energy Journal (2019) Reviewer http://www.rericjournal.ait.ac.th/index.php/eric/announcement/view/18
	6,00			Information (rev. certificate 2019) https://www.mdpi.com/journal/information
	6,00			Journal of E-Technology Editorial board member http://www.dline.info/jet/eb.php
	6,00			International Journal of Advanced Statistics and IT&C for Economics and Life Sciences Editorial board member https://content.sciendo.com/view/journals/ijasitels/ijasitels-overview.xml?tab_body=editorialContent-68844
	6,00			Future Internet, Special issue: Computer Vision, Deep Learning and Machine Learning with Applications Guest Editor (certificate) https://www.mdpi.com/journal/futureinternet/special_issues/CV_DL_ML_A

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A3. Recunoașterea și impactul activității

Activitate	Punctaj Realizat	Factor impact (nr. Citari)	Numar Autori	Nume Articol /Carte
	6,00			8th International Conference on Computers Communications and Control (rev. certificate) http://univagora.ro/en/icccc2020/
	6,00			Applied Sciences (rev. certificate 2020-2021) https://www.mdpi.com/journal/applsci
	6,00			Concurrency and Computation: Practice and Experience (rev. certificate 2020-2021) https://onlinelibrary.wiley.com/loi/15320634
	6,00			6th Int. Conf. on Fuzzy Systems and data Mining (rev. certificate 2020) http://2020.fsdmconf.org/
	6,00			Studies in Informatics and Control (rev. certificate 2020) https://sic.ici.ro/
	6,00			Buildings (rev. certificate) https://www.mdpi.com/journal/buildings
	6,00			Energies (rev. certificate 2021) https://www.mdpi.com/journal/energies
	6,00			Sensors (rev. certificate 2021) https://www.mdpi.com/journal/sensors
	6,00			Electronics (rev. certificate 2022) https://www.mdpi.com/journal/electronics
A3.4 Premii in domeniu conferite de Academia Romana, ASTR, AOSR sau premii internaționale de prestigiu	0,00			
	663,34			

21.12.2022

Candidat,
Conf. univ. dr. ing. Arpad GELLERT

