

Conf. Univ. Dr. Simona Claudia Motogna

Fisa de verificare

Verificare standarde minimale CNATDCU (Ordin 6.129_2016)		
Perspectiva a) : Etica cercetarii		
Am respectat normele de etica cercetarii.		
Perspectiva b) : Productia stiintifica		
Perspectiva b)		Realizat
Punctaj (categorii A*, A, B sau C)		59,67
Praguri	A*+A	32,00
	A*+A+B	40,00
Perspectiva c) : Impactul rezultatelor		
Perspectiva c)		Realizat
Punctaj		132,33
Praguri	A*+A+B	58,67
Perspectiva d) : Performanta academica		
Perspectiva d)		Realizat
Valori		89,68
Praguri	Da - 1 proiect PNII parteneriate ATEROMOL 2017-2010 si GENATERO 2008-2011, echipa 3 membri, competitie la nivel national	Minim un proiect, cu echipa de cel putin 2 membri, obtinut prin competitie la nivel national sau international

LISTA ARTICOLE REVISTA

Nr.	Articol	Categorie		Nr. Autori	Punctaj
1	Parv Bazil, Motogna Simona-Claudia , Petrascu Dragos, <i>Automata-Based Compositional Analysis of Component Systems. Design and Implementation Issues</i> , CARPATHIAN JOURNAL OF MATHEMATICS, Volum Nr: XX, no. 2, p.197 – 203, 2004 (indexata SCOPUS)	C	2	3	2,00
2	Czibula Istvan-Gergely, Lazar Codrut Lucian, Lazar Ioan, Motogna Simona-Claudia , Parv Bazil, <i>ComDeValCo Development Tools for Procedural Paradigm</i> , Volum Nr: III, Pagina: 243 - 247, An: 2008, Revistă WoS / ISI indexată în Science Citation Index Expanded (Thomson Reuters - Web of Science) : INTERNATIONAL JOURNAL OF	C	2	5	0,67
3	Parv Bazil, Lazar Ioan, Motogna Simona-Claudia , <i>ComDeValCo Framework - The Modeling Language for Procedural Paradigm</i> , Volum Nr: III, no. 2, Pagina: 183 - 195, An: 2008 Revistă WoS / ISI indexată în Science Citation Index Expanded (Thomson Reuters - Web of Science) : INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, ISSN: 1841-9836	C	2	3	2,00
4	Simona-Claudia , Czibula Istvan-Gergely, <i>Tool Support for fUML Models</i> , Volum Nr: Vol. 5 (No. 5), Pagina: 775 - 782, An: 2010 Revistă WoS / ISI indexată în Science Citation Index Expanded (Thomson Reuters - Web of	C	2	5	0,67
		TOTAL PUNCTAJ ARTICOLE REVISTA CATEGORIE A*, A, B sau C			5,33

LISTA ARTICOLE CONFERINTA

Nr.	Articol	Categorie		Nr. Autori	Punctaj
1	engineering in the classroom, 1st ACM SIGSOFT International Workshop on Education through Advanced Software Engineering and Artificial Intelligence, workshop at	A	8	2	8,00
2	Arthur-Jozsef Molnar and Simona Motogna - Long-Term Evaluation of Technical Debt in Open-Source Software, ESEM 2020	A	8	2	8,00
3	Arthur-Jozsef Molnar, Simona Motogna , Cristina Vlad - <i>Using Static Analysis Tools to Assist Student Project Evaluation</i> , 2st ACM SIGSOFT International Workshop on Education through Advanced Software Engineering and	A	8	3	8,00

4	Simona Motogna , Andrian Marcus, Arthur-Jozsef Molnar - Adapting to Online Teaching in Software Engineering Courses, 2st ACM SIGSOFT International Workshop on Education through Advanced Software Engineering and Artificial Intelligence, workshop at ESEC/ESE 2020	A	8	3	8,00
5	Motogna Simona-Claudia , Lazar Ioan, Parv Bazil, Czibula Istvan-Gergely, <i>An Agile MDA Approach for Service-Oriented Components</i> , Pagina: 95 - 110, An: 2009 Conferință: Sixth International Workshop on Formal Engineering approaches to Software Components and Architectures (FESCA 2009)	C	2	4	1,00
6	Lazar Ioan, Motogna Simona-Claudia , Parv Bazil, <i>Behaviour-Driven Development of Foundational UML Components</i> , Pagina: 91 - 105, An: 2010, Conferință: FESCA 2010, Elsevier Science Publishers, ISBN/ISSN: ISSN: 1571-0661	C	2	3	2,00
7	Molnar Arthur-Jozsef, Vescan Alexandra, Motogna Simona Longitudinal Evaluation of Software Quality Metrics in Open-Source Applications, Proceedings of the 14th International Conference on Evaluation of Novel Approaches to Software	B	4	3	4,00
8	Molnar A.J., Motogna Simona - Longitudinal Evaluation of Open-source Software Maintainability, Proceedings of the 14th International Conference on Evaluation of Novel Approaches to Software Engineering, 2020	B	4	2	4,00
9	Vescan Andreea, Motogna Simona-Claudia , Syntactic automata-based component composition, Pagina: 13 - 14, An: 2006, The 32nd EUROMICRO Software Engineering and Advanced Applications (SEAA), Editură: SEA-Publications of	C	2	2	2,00
10	Istvan-Gergely, Lazar Codrut Lucian, iComponent: A Platform-independent Component Model for Dynamic Execution Environment., Pagina: 257 - 264, An: 2008, Volum: , Conferință: 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, Editură: IEEE	C	2	5	0,67
11	Lazar Ioan, Lazar Codrut Lucian, Parv Bazil, Motogna Simona-Claudia , Czibula Istvan-Gergely, Using a fUML Action Language to construct UML models., Pagina: 93 - 101, An: 2009, 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, Timisoara, Romania, September 26-29, 2009, IEEE Computer Society, Editor: -, ISBN/ISSN: 978-0-7695-3694-5,	C	2	5	0,67

12	Motogna Simona-Claudia , Ciuciu Ioana-Georgiana, Serban Camelia-Aurelia, Vescan Andreea, Improving Software Quality Using an Ontology-Based Approach, Pagina: 456 - 465, An: 2015, ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS: OTM 2015 WORKSHOPS, Editură: Springer, Editor: Ioana Ciuciu, Hervé Panetto, Christophe Debruyne, Alexis Aubry, Peter Bollen, Rafael Valencia-García, Alok Mishra, Anna Fensel, Fernando Ferri , ISBN/ISSN: 978-3-319-26137-9, LNCS 9416	C	2	4	1,00
13	Simona Motogna , Dana Lupsa, Ioana Ciuciu: A NLP Approach to Software Quality Models Evaluation. OTM Workshops 2018, Spinger, LNCS 11231: 207-217	C	2	3	2,00
14	(2010). Realizing Use Cases for Full Code Generation in the Context of fUML . In <i>Proceedings of the 2nd International Workshop on Model-Driven Architecture and Modeling Theory-Driven Development - Volume 1: MDA & MTDD</i> , (ENASE	C	2	4	1,00
15	Craciun Mihai-Florin-Gabriel, Motogna Simona-Claudia, Lazar Ioan, Towards Better Testing of fUML Models, Pagina: 0 - 1, An: 2013 Volum: , Conferință: IEEE 6th International Conference on Software Testing, Verification, and Validation (ICST 2013)	C	2	3	2,00
16	Arthur Molnar, Simona Motogna : Discovering maintainability changes in large software systems. IWSM-Mensura 2017: 88-93	C	2	2	2,00
		TOTAL PUNCTAJ ARTICOLE CONFERINTA CATEGORIE A*, A, B sau C			54,33
TOTAL PERSPECTIVA b)					59,67
A*+A					32,00
A*+A+B					40,00

Perspectiva c) : Impactul rezultatelor				
1. I. Lazar, B. Parv, S. Motogna, I.-G. Czibula, C.-L. Lazar, “An Agile MDA approach for Executable UML Structured Activities”, <i>Studia Univ. Bases</i> , vol. LII, No. 2, 2007				
Articol care citeaza:	Categorie		Nr. autori art. citat	Punctaj
M.Upendra Kumar, D.Sravan Kumar,B.Padmaja Rani, C.Rama Linga Reddy - Layered Security Architectures Requirements using MDA and Agile Modeling , <i>Int J Engg Techsci Vol 1(1) 2010</i> ,82-88	D	1	5	0,33
N. Suresh, D. Manimegalai - A Novel Approach in Cost Estimation based on Algorithmic Model, <i>International Journal of Computer Trends and Technology- volume3Issue5- 2012</i> , 685-693	D	1	5	0,33
Kumar, M.Upendra Kumar - Web Services Security Architectures Composition and Contract Design using RBAC , <i>International Journal on Computer Science and Engineering Vol. 02, No. 08, 2010</i> , 413-418	D	1	5	0,33
A.V.Krishna Prasad, D.D.Shravani - Software Architectures Design Patterns Mining for Security Engineering , <i>International Journal of Computer Science and Information Technologies</i> , Vol. 1 (5) , 2010, 408 - 413	D	1	5	0,33
A.V.Murali Krishna, G.Vishnu Murthy, Bindu Madhuri - SOFTWARE SECURITY DESIGN USING MDA AND AGILE MODELING , <i>International Journal of Research in IT, Management and Engineering</i> , Volume2, Issue2, 45-55	D	1	5	0,33
M.Upendra Kumar, Dr. D. Sravan Kumar, K.Venkateswara Rao, A.MAdhuri, A.V.Krishna Prasad,D.Shravani - Agile Modeling for Security Requirements–Embedded Application Case Study, <i>International Journal of Engineering Science and Technology</i> , Vol.	D	1	5	0,33
Rani, M.Upendra Kumar - DEPENDABLE WEB SERVICES SECURITYARCHITECTURE DEVELOPMENT THEORETICAL AND PRACTICAL ISSUES –SPATIAL WEB SERVICES CASE STUDY , <i>ITCS, SIP, JSE-2012, CS & IT 04</i> , pp. 79–98, 2012	D	1	5	0,33
M. Upendra Kumar, D. Sravan Kumar, B. Padmaja Rani, K. Venkateswar Rao, A. V. Krishna Prasad and D. Shravani - Dependable Solutions Design by Agile Modeled Layered Security Architectures, <i>Advances in Computer Science and Information Technology. Networks and Communications Lecture Notes of the</i>	D	1	5	0,33
D. Kolovos - An Extensible Platform for Specification of Integrated Languages for Model Management, PhD Thesis, 2008	D	1	5	0,33
El-Sheikh A., Omran A. - Suggested Framework for Agile MDA and Agile Methodologies , <i>The Research Bulletin of Jordan ACM</i> , ISSN: 2078-7952, Volume II (III) , 2013, 74-79	D	1	5	0,33

M. Opendra Kumar, D. Sravan Kumar, B. Padmaja Rani, K. Venkateswar Rao - Research Methodology on Agile Modeled Layered Security Architectures, International Journal of Software Engineering Research & Practices Vol.1, Issue 2, April, 2011, 21-2	D	1	5	0,33
W. Mephram - Discrete event calculus using Semantic Web technologies, PhD Thesis, 2010	D	1	5	0,33
NS Hod, D. Manimegalai - A Novel Approach in Cost Estimation based on Algorithmic Model, International Journal of Computer Trends and Technology, vol. 3, Issue 5, 2012, pg 685 – 693	D	1	5	0,33
K.Venkateswar Rao, A.V.Krishna Prasad - DEPENDABLE PRIVACY REQUIREMENTS BY AGILE MODELED LAYERED SECURITY ARCHITECTURES - WEB SERVICES CASE STUDY, D.C. Wyld, et al. (Eds): CCSEA 2011, CS & IT 02, pp. 232–240, 2011, DOI: 10.5121/csit.2011.1222	D	1	5	0,33
ABBAS MAHMOODI MARKID - MODELING AND SIMULATION OF GENETIC ALGORITHM USING META-MODELS, Journal of Hyperstructures 7 (Spec. 2nd CSC2017) (2018), 1-13. ISSN: 2322-1666 print/2251-8436 online	D	1	5	0,33
D.Shravani - Model Driven Architecture based Agile Modelled Layered Security Architecture for Web Services Extended to Cloud, Big Data and IOT, International Journal of Computer & Organization Trends (IJCOT) –Volume 6 Issue 4 – July to August 2016, 55-64,	D	1	5	0,33
An agile MDA approach for service-oriented components Simona Motogna, I Lazăr, Bazil Parv, I Czibula, Electronic Notes in Theoretical Computer Science, Volume 253, Issue 1, Pages 95-110				
Ding-Yuan Cheng, Kuo-Ming Chao, Chi-Chun Lo, Chen-Fang Tsai - A user centric service-oriented modeling approach, World Wide Web - WWW , vol. 14, no. 4, pp. 431- 459, 2011	D	1	4	0,50
Ajay Deep - An Empirical Study of Agile Software Development, International Journal of Latest Trends in Engineering and Technology, vol.1, issue 1, 2012, 35-40	D	1	4	0,50
Asim El-Sheikh, Ahmed Omran - Suggested Framework for Agile MDA and Agile Methodologies, The Research Bulletin of Jordan ACM, ISSN : 2078-7952 , Volume II (III), 74-79	D	1	4	0,50
Kim, H.-K - Mobile applications development with combine on MDA and SOA, Communications in Computer and Information Science, Volume 352 CCIS, 2012, Pages 58-71	D	1	4	0,50
Hung, Hsiu-Yen; Lo, Chih-Min - A Framework-Based Model-Driven Development Approach to Building Information Systems, Advances in Information Sciences and Service Sciences, 5.10 (May 2013): 1226-1233	D	1	4	0,50
Prasun Kumar Vardwaj GUMRI, Rajani - A Study of Agile Software Development, IJRCEMAS, vol.2, no. 1, 2015, ISSN NO: 2394-5036, pp 1-6	D	1	4	0,50

Kaya Sinha - Agile Software Development: A Survey, IJRCEMAS, vol.2, no. 12, 2015, ISSN NO: 2394-5036, pp 32-37	D	1	4	0,50
Nishta Singh - Agile Software Development: A Survey, IJRCEMAS, vol.3, no. 4, 2016, ISSN NO: 2394-5036, pp 1-6	D	1	4	0,50
Samoel Mirachi, Valdir da Costa Guerra, Adilson Marques da Cunha, Luiz Alberto Vieira Dias, Emilia Villani - Applying agile methods to aircraft embedded software: an experimental analysis, Journal of	D	1	4	0,50
Mercedes Picón , Javier Torrealba - Towards an Approach for Code Generation with MDA, Venezuelan Journal of Computing, ReVeCom, ISSN: 2244-7040, Vol. 4, No. 1, pp. 22-33, June, 2017	D	1	4	0,50
Mohd Izzuddin Mohd Tamrin, Tengku Mohd Tengku Sembok, and Mira Kartiwi - Collaboration Algorithms between Intermediaries for Supporting Flexible Supply Chain Management, INTERNATIONAL	D	1	4	0,50
I Lazăr, S Motogna, B Pârv - Behaviour-driven development of foundational uml components, Electronic Notes in Theoretical Computer Science, Volume 264, Issue 1,Pages 91-105				
.Stefano Cucchiella, Antonio Cicchetti, Federico Ciccozzi - An Open-Source Pivot Language for Proprietary Tool-Chaining, ECBS, 2011,	B	4	3	4,00
Sathawornwichit, C. ; Hosono, S.- Consistency Reflection for Automatic Update of Testing Environment , <i>Proceedings - 2012 IEEE</i>	C	2	3	2,00
Sathawornwichit, C. ; Hosono, S.- Consistent Testing Framework for Continuous Service Development, <i>Proc. IEEE Services Computing</i>	C	2	3	2,00
Solís, C. , Wang, X - A study of the characteristics of behaviour driven development, <i>Proceedings - 37th EUROMICRO Conference on Software</i>	C	2	3	2,00
Kamalakar, S. , Edwards, S.H. , Dao, T.M. - Automatically generating tests from natural language descriptions of software behavior,	B	4	3	4,00
Manuel Wallner - Specification by Example of the Broadcast Mechanism of Catrobat, Master Thesis, Univ. of Graz, 2014	D	1	3	1,00
N Silega, IT Loureiro, M. Noguera - Model-driven and ontology-based framework for semantic description and	D	1	3	1,00
Nemury Silega, Danaysa Macías, Juan Pedro Febles, Manuel Noguera - State of arbitrary complexity and Model Driven	D	1	3	1,00
Damon Daylamani-Zad, Marios C. Angelides, Harry Agius - Lu-Lu: A framework for collaborative decision making games, <i>Decision Support</i>	A	8	3	8,00
Santos, E.C.S., Beder, D.M., Penteado, R.A.D. - A Study of Test Techniques for Integration with Domain Driven Design,	D	1	3	1,00
C M de Lucena - Framework for collaborative knowledge management in organizations, PhD thesis, Univ. of Lisbon, 2016	D	1	3	1,00
N Silega, M Noguera, D Macias - Ontology-based Transformation from CIM to PIM, <i>IEEE Latin America Transactions (Volume:</i>	D	1	3	1,00
F. Bedini, R. Maschotta, A. Wichmann, A. Zimmermann - AN FUML EXTENSION SIMPLIFYING EXECUTABLE UML MODELS	D	1	3	1,00
C. Sathawornwichit and S. Hosono, "Consistency Reflection for Automatic Update of Testing Environment," <i>2012 IEEE Asia-Pacific</i>	C	2	3	2,00
Catarina Marques-Lucena, Carlos Agostinho, João Sarraipa, Ricardo Jardim-Goncalves - A Semantic Wiki Approach to Enable Behaviour	D	1	3	1,00

Maurice Theobald, Luca Palladino, and Pierre Virelizier - About DSML Design Based on Standard and Open-Source – REX from	D	1	3	1,00
Maurice Theobald, Luca Palladino, and Pierre Virelizier, "About DSML Design Based on Standard and Open-Source – REX from SAFRAN	D	1	3	1,00
Mohammad Alhaj1 , Gilbert Arbez2 and Liam Peyton2 - APPROACH OF INTEGRATING BEHAVIOUR-DRIVEN DEVELOPMENT	D	1	3	1,00
Hendrik Bänder, Herbert Kuchen - A model-driven approach for behavior-driven GUI testing. In Proceedings of the 34th ACM/SIGAPP Symposium on	B	4	3	4,00
Antoine Trad - The Business Transformation Framework and Enterprise Architecture Framework for Managers in Business	C	2	3	2,00
S. Bruschi, L. Xiao, M. Kavatkar, G. Jimenez-Maggiore - Behavior Driven Development (BDD) A Case Study in Healthtech, 37th Annual	D	1	3	1,00
Egbrehts, Abigail. "A Literature Review of Behavior Driven Development using Grounded Theory." (2017) – Technical report TU	D	1	3	1,00
Silega, Nemury, Teresa-Loureiro, Tania, Noguera, Manuel, & Pedro-Febles, Juan. (2017). Framework basado en ontología para la	D	1	3	1,00
A.Trad, D. Kalpic - Using Applied Mathematical Models for Business Transformation, IGI Global, 2020	C	2	3	2,00
González Enríquez, J. (2017). A model-driven engineering approach for the uniquely identity reconciliation of heterogeneous data sources..	D	1	3	1,00
Catarina Marques-Lucena, Carlos Agostinho, João Sarraipa, Ricardo Jardim-Goncalves - A Semantic Wiki Approach to Enable Behaviour	D	1	3	1,00
Taynah Almeida1 , Ana Carolina Oran1 , Gleison Santos2 , Tayana Uchôa Conte - Como desenvolvedor quero utilizar User story para	D	1	3	1,00
MARTINEZ, Nemury Silega et al. Estado de la complejidad arbitraria y Arquitectura Dirigida por Modelos en el desarrollo de software en	D	1	3	1,00
Lavrenova E.V. , Kalinina A.M. , Bocharov M.I. - Testing System for Corporation Productivity Improvement Department, 2nd International	D	1	3	1,00
I Lazar, B Parv, S Motogna, IG Czibula - An agile mda approach for the development of service-oriented component-based applications, 2008/11/8, Conference Complexity and Intelligence of the Artificial and Natural Complex Systems, Medical Applications of the Complex Systems, Biomedical Computing, 2008. CANS'08. First International Conference on, 38-44				
Fritz Solms and Dawid Loubser - URDAD as a semi-formal approach to analysis and design, Innovations in Systems and Software Engineering ,Volume 6, Numbers 1-2 (2010), 155-162	D	1	4	0,50
C. Di Biagio , P. Piccirilli, F. Batino, S. Capoleoni, F. Giammarino, M. Ronchi, D. Vitelli, A. E. Guida - MBDA	D	1	4	0,50
Extendible C2 Weapon System in Collaboration Environment,				
CL Lazar, I Lazar, B Parv, S Motogna - Using a fUML Action Language to construct UML models Using a fUML Action Language to construct UML models, Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2009 11th International Symposium on, 93-101				
Stefano Cucchiella, Antonio Cicchetti, Federico Cicozzi - An Open-Source Pivot Language for Proprietary Tool-Chaining, ECBS, 2011,	B	4	4	2,00
M. Binkis, T. Blazauskas, E. Bareisa - Simplified Visual Modelling Approach for Executable Software Generation, ELECTRONICS	D	1	4	0,50
Eriksson, A., Lindström, B., Offutt, J. - Transformation rules for platform independent testing: An empirical study, <i>Proceedings - IEEE</i>	C	2	4	1,00

Alessandro Gerlinger Romero, Mauricio Gonçalves Vieira Ferreira - An Approach to Model-Driven Architecture Applied to Space Real-	D	1	4	0,50
T Mayerhofer - Breathing New Life into Models, Master Thesis, 2011	D	1	4	0,50
E.Nosova, G. Raiconi, R. Tagliaferri - A multi-Biclustering Combinatorial Based algorithm, Proceedings of the IEEE	C	2	4	1,00
R. Lammel, V. Zaytsev - Language Support For Megamodel Renarration, Proceedings of XM 2013, Available online at	D	1	4	0,50
Omar Badreddin, Vahdat Abdelzad, Timothy Lethbridge and Maged Elaasar - fSysML: Foundational Executable SysML for	B	4	4	2,00
Maryam Nooraei Abadeh, Shohreh Ajoudanian - A model-driven framework to enhance the consistency of logical integrity constraints: Introducing	D	1	4	0,50
. K. Lin and W. S. Chao, "The Structure-Behavior Coalescence Approach for Systems Modeling," in <i>IEEE Access</i> , vol. 7, pp. 8609-	A	8	4	4,00
E.V. Sunitha, Philip Samuel, Object constraint language for code generation from activity models, Information and	D	1	4	0,50
Ziarati, Raha - <i>Dynamic matching and weaving semantics for executable UML model</i> , Master Thesis, 2012	D	1	4	0,50
B Parv, S Motogna, I Lazar, IG Czubala, CL Lazar - ComDeValCo-a framework for software component definition, validation, and composition, 2007, Studia Universitatis Babeş-Bolyai, Informatica, Volume 52, Issue 2, 59-68				
Vladis Berzins, Luqi and Peter Musial - Formal Reasoning about Software Object Translations, Foundations of Computer Software. Future Trends and Techniques for Development Lecture Notes in Computer Science, 2010, Volume 6028/2010, 43-58	D	1	5	0,33
Zhiyan Wang, Yuping Hu, Shaohua Li, Dingguo Wei - Internetware Structure Description and Research of the Petri Net Method, <i>Journal of Software</i> , Vol 6, No 9 (2011), 1779-1786	D	1	5	0,33
Generic Programming , Studia Universitatis Babeş-Bolyai, Series Informatica, LIII, 2,2008, 93-104	D	1	5	0,33
CL Lazăr, I Lazăr, B Pârv, S Motogna, IG Czubala - Tool Support for fUML Models, International Journal of Computers Communications & Control, Volume 5, Issue 5, 775-782				
M. Binkis, T. Blazauskas, E. Bareisa - Simplified Visual Modelling Approach for Executable Software Generation, <i>ELECTRONICS AND ELECTRICAL ENGINEERING, 2011. No. 7(113), 57-62</i>	D	1	5	0,33
Stefano Cucchiella, Antonio Cicchetti, Federico Ciccozzi - An Open-Source Pivot Language for Proprietary Tool-Chaining, ECBS, 2011,	B	4	5	1,33
Danica Remenska, Jan Tompala, Philip A. C. Whitham, Philip Homburg, Kees Verstoep, Adria Casajus, Henri Bal - From UML to Process Algebra and Back: An Automated Approach to Model-Checking Software Design Artifacts of Concurrent Systems, 5th International Symposium, NFM 2013, Moffett Field, CA, USA, May 14-16, 2013. Proceedings, Lecture Notes in Computer Science Volume 7871, 2013, pp 244-260	D	1	5	0,33

Abdounameed, A., Hammad, A. ; Mountassir, H. ; Taibouet, B. - An approach to verify SysML functional requirements using Promela/SPIN, 2015 12th International Symposium on Programming and Systems (ISPS), IEEE Proc., pag.1-9	D	1	5	0,33
Tanja Mayerhofer - Breathing New Life into Models, An Interpreter-Based Approach for Executing UML Models, MSc Thesis, TU Wien, 2011	D	1	5	0,33
Remenska D. - Bringing Model Checking Closer To Practical Software Engineering, PhD Thesis, Vrije Univ. Brussels, 2016	D	1	5	0,33
Wichmann A., Jäger S., Jungebloud T., Maschotta R., Zimmermann A. - Specification and Execution of System Optimization Processes with UML Activity Diagrams, Proc. 10th Int. IEEE Systems Conference (SysCon 2016), Orlando, 2016	D	1	5	0,33
M Schindler - Eine Werkzeuginfrastruktur zur agilen Entwicklung mit der UML/P, PhD Thesis, 2011	D	1	5	0,33
Maged Elaasar, Omar Badreddin - Modeling Meets Programming: A Comparative Study in Model Driven Engineering Action Languages, Proc. Of Leveraging Applications of Formal Methods, Verification and Validation: Discussion, Dissemination, Applications, 7th International Symposium, ISoLA , ed. Tiziana Margaria, Bernhard Steffen, 2016, LNCS, vol 9953	C	2	5	0,67
Omar Badreddin, Maged Elaasar, A. Hamou-Lhadj - A Controlled Experiment for Evaluating the Comprehensibility of UML Action Languages, Proc. Of 4th International Conference on Model-Driven Engineering and Software Development - MODELSWARE, Jan. 2016, DOI: 10.5220/0005657700520064, p. 52-64	D	1	5	0,33
Amr El-Kadi, Omar Bahy Badreddin - gRUP- A Globalized Approach to Software Engineering, Journal of Computational Methods in Sciences and Engineering 01/2008; 9, DOI:10.3233/JCM-2009-024x8, 151-156	B	4	5	1,33
A. Wichmann, Francesco Bedini, R. Maschotta, A. Zimmermann - Deriving Architecture Design Variants for System Optimization from Design Space Descriptions Expressed Using a UML Profile, International Symposium on Model-driven Approaches for Simulation Engineering (Mod4Sim), 2017	D	1	5	0,33

M.Rajoo, N.Noor - Important Evaluation Factors of UML Tools for Health Informatics, <i>Journal of Telecommunication, Electronic and Computer Engineering</i> , e-ISSN: 2289-8131 Vol. 9 No. 3-3, pp 191-195	D	1	5	0,33
Alexander Wichmann, Ralph Maschotta, Francesco Bedini, and Armin Zimmermann. 2018. A workflow for the design of optimized system architectures using model-driven optimization. In Proceedings of the Model-driven Approaches for Simulation Engineering Symposium (Mod4Sim '18), pp 1-12	D	1	5	0,33
Mageswari Rajoo, Noor Maizura Mohamad Noor - Important Evaluation Factors of UML Tools for Health Informatics, Journal of Telecommunication, Electronic and Computer Engineering, vol. 9, No.3-3, 191-195	D	1	5	0,33
DAMASCENO, Eduardo Filgueiras. Motion capture base rehabilitation system for low-back pain treatment. 2013. 145 f. Tese (PhD Thesis) - Universidade Federal de Uberlândia, Uberlândia, 2013. https://repositorio.ufu.br/handle/123456789/14321	D	1	5	0,33
Qinan Lai - Enabling High Quality Executable Domain Specific Language Specification, Ph.D. Thesis, Univ. of Manchester, 2014. https://www.research.manchester.ac.uk/portal/files/54567718/FULL_TEXT.PDF	D	1	5	0,33
I G Czibula, C-L Lazar, I Lazar, S Motogna, Bazil Pârv - Comdevalco development tools for procedural paradigm, Internat Journal of Computers Communic & Control, 3, 2008, 243-247				
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<u>1.</u> Crişan G.C., Pinteaa C.M., Palade V.- Emergency management using geographic information systems: application to the first Romanian traveling salesman problem instance, Knowledge and Information Systems, 1 (1997), 34-44	B	4	3	4,00
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3. Kumar Rahul, Brijesh Kumar Sinha, Vijay Kumar - Metrics Design for Evaluation of Component's Performance During Software Development Process, International Journal of Advanced Research in	D	1	3	1,00
C.Serban – Metrics in Software Assesment, PhD Thesis, UBB Cluj-Napoca	D	1	3	1,00
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Chişan G.C., Pintea C.M., Parade V.- Emergency management using geographic information systems: application to the first Romanian traveling salesman problem instance, Knowledge and Information Systems, 2016, issn 0219-3116, doi 10.1007/s10115-016-0938-8, http://dx.doi.org/10.1007/s10115-016-0938-8 , p. 1-21	B	4	4	2,00
S. Mekruksavanich, "Identifying Behavioral Design Flaws in Evolving Object-Oriented Software Using an Ontology-Based Approach," <i>2017 13th Interna Conference on Signal-Image Technology & Internet-Based Systems (SITIS)</i> , ,	D	1	4	0,50
Sakorn Mekruksavanich - Identifying Behavioral Design Flaws in Evolving Object-Oriented Software Using an Ontology-Based Approach, 13th International Conference on Signal-Image Technology & Internet-Based	D	1	4	0,50
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Vescan, A., Motogna, S.: Overview and architecture of a component modeling tool. Creative Math. Inf. 16, 159–165 (2007)	D	1	2	1,00
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Wahyuningrum, Ienia; Mustofa, Khabib - A Systematic Mapping Review of Software Quality Measurement: Research Trends, Model, and Method, International Journal of Electrical and Computer	D	1	4	0,50
Hynninen, T., Kasurinen, J. and Taipale, O. (2018) Framework for Observing the Maintenance Needs, Runtime Metrics and the Overall Quality-in-Use. Journal of Software Engineering and Applications, 11, 139-152.	D	1	4	0,50
D. Savchenko, T. Hynninen* and O. Taipale - Code quality measurement: case study, Proc. MIPRO/SSE 2018, 1687-1691	D	1	4	0,50
Vescan Andreea, Motogna Simona-Claudia, Syntactic automata-based component composition, Pagina: 13 - 14, 2006 Conferință: The 32nd EUROMICRO Software Engineering and Advanced Applications (SEAA				

Kumar Rahul, Brijesh Kumar Sinha, Vijay Kumar - Metrics Design for Evaluation of Component's Performance During Software Development Process, International Journal of Advanced Research in	D	1	2	1,00
C.Serban – Metrics in Software Assesment, PhD Thesis, UBB Cluj-Napoca	D	1	2	1,00
Lazar Ioan, Parv Bazil, Motogna Simona-Claudia, Czibula Istvan-Gergely, Lazar Codrut Lucian, iComponent: A Platform-independent Component Model for Dynamic Execution Environment., Pagina: 257 - 264, An: 2008, Volum: , Conferință: 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing				
Lazar Ioan, Parv Bazil, Motogna Simona-Claudia, Czibula Istvan-Gergely, Lazar Codrut Lucian, iComponent: A Platform-independent Component Model for Dynamic Execution Environment., Pagina: 257 - 264, An: 2008, Volum: , Conferință: 10th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing	D	1	5	0,33
Z.Qing-tao wu ; Hai-xia Zhao ; Ming-chuan Zhang ; Hong-yi wang - Research on Construction Method of Human-Computer Interface for Distribute System Based on Real-Time Component Assembly, Proc. ofThird International Symposium on Information Processing (ISIP), 2010, doi: 10.1109/ISIP.2010.66.428-432	C	2	5	0,67
Gallardo, S.L., Dos Santos, S., Da Rocha, T., Carvalho, F.O.				
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A.J.Molnar - Java Software Evolution Tracker, Proc. Proceedings of the International Conference on Knowledge Engineering, Principles and Techniques, KEPT 2011, 25-35	D	1	5	0,33
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Paulo Eduardo Galilleo Souza dos Santos, Tarcisio da Rocha, and Felipe Oliveira Carvalho. 2014. HighFrame: An integrated solution for developing component-based distributed systems. In Proceedings of the 7th Euro American Conference on	D	1	5	0,33
Molnar, A., Motogna, S.: Discovering maintainability changes in large software systems. In: IWSM Mensura 17: Proceedings of the 27th International Workshop on Software Measurement (2017)				
Kapilani G., Khomyakov I., Mirgalimova R., Sillitti A. (2020) An Empirical Analysis of the Maintainability Evolution of Open Source Systems. In: Ivanov V., Kruglov A., Masyagin S., Sillitti A., Succi G.	D	1	2	1,00
	TOTAL PERSPECTIVA c)			132,33
	A*+A+B			58,67

Perspectiva d) : Performanta academica

i) Carti de autor/editate si capitole publicate in edituri (conform clasamentului SENSE)

Nr.	Titlu	Nr. Autori	Tip	Categorie	Punctaj
1	Motogna Simona-Claudia, Lazar Ioan, Parv Bazil , capitol, <i>An MDA Approach for Developing Executable UML Components</i> , Model-Driven Domain Analysis and Software Development: Architectures and Functions, IGI Global, Hershey, PA 17033, USA, Editor: J.Osis, E. Asnina, 2011, P. 254-273	3	Capitol	C	2,00
2	Motogna Simona-Claudia, Lazar Ioan, Parv Bazil , capitol, <i>Developing Executable UML Components Based on fUML and Alf</i> , Handbook of Research on Innovations in Systems and Software Engineering, IGI Global, Hershey, USA, Editor:	3	Capitol	C	2,00
3	Motogna Simona-Claudia , carte, <i>Metode de proiectare a compilatoarelor</i> , GMI , CLUJ -NAPOCA, 2006, P. 170	1	Carte	Nelistat	2,00
4	Prejmerean Vasile, Frentiu Militon, Motogna Simona-Claudia, Lazar Ioan , carte, <i>Elaborarea algoritmilor</i> , Litografia Universității "Babeș-Bolyai", Cluj_Napoca, Editor: UBB Cluj_N, 1998, P. 188	4	Carte	Nelistat	1,00
5	Prejmerean Vasile, Frentiu Militon, Motogna Simona-Claudia, Lazar Ioan , carte, <i>Programare Pascal</i> , Litografia Universității "Babeș-Bolyai", Cluj_Napoca, Editor: UBB Cluj_N, 1998, P. 392	4	Carte	Nelistat	1,00
6	Prejmerean Vasile, Motogna Simona-Claudia , carte, <i>Algoritmica și Programare Pascal</i> , Litografia Universității "Babeș-Bolyai", Cluj_Napoca, Editor: UBB Cluj_N, 2001, P. 150	2	Carte	Nelistat	2,00
7	Toadere Teodor, Boian Florian-Mircea, Kasa Zoltan, Robu Judit, Groze Sever, Cioban Vasile, Frentiu Militon, Motogna Simona-Claudia, Parv Bazil, Pop Horia-Florin, Prejmerean Vasile, Iacob Maria-Eugenia, Iurian Simona , carte, <i>Programare Pascal. Programe Ilustrative. Probleme propuse pentru elevi si studenti</i> , Promedia-Plus Computers, Cluj-Napoca, 1995, P. 228	13	Carte	Nelistat	0,18
8	Molnar Arthur-Jozsef, Neamtu Alexandra, Motogna Simona - Evaluation of Software Product Quality Metrics, capitol, Evaluation of Novel Approaches to Software Engineering, Springer, 2020, 163-187	3	Capitol	B	4,00
Total i)					14,18

ii) Editor proceedings la conferinte

Nr.	Titlu	Nr. Autori	Categorie	Punctaj
1	Frentiu Militon, Motogna Simona-Claudia, Pop Horia-Florin, <i>KEPT2011 Knowledge Engineering. Principles and Techniques</i> , Presa Universitara Clujeana, Cluj-Napoca, 2011, P. 413	3	D	1,00
2	Frentiu Militon, Motogna Simona-Claudia, Pop Horia-Florin, <i>KEPT2011 Knowledge Engineering. Principles and Techniques</i> , Presa Universitara Clujeana, Cluj-Napoca, 2013, P. 254	3	D	1,00
Total ii)				2,00

iii) Publicarea unui curs universitar in format electronic

1	Curs: Comunicare de specialitate și dezvoltare profesionala, curs facultativ an 1 Informatica	2
2	Curs Software Quality, master Inginerie Software an 1	2
3	Curs: Rule based Programming, master PBC an 2	2
4	Curs: Structuri de date si algoritmi, Informatica an 1	2
5	Curs: Programare Orientata Obiect: C++, Informatica an 1	2
6	Curs: Ethical and Legal Aspects in Computer Science, curs optional an 3 Infor	2
7	Curs: Formal Languages and Compiler Design, Informatica an 3	2
Total iii)		14

iv) Director/editor al unei reviste

v) Director (coordonator/responsabil) | membru al unui grant/proiect/contract/program de cercetare national/international

Nr	Titlu	Valoare	Calitate	Punctaj
1	<i>PN II, Partneriate: Director proiect grant de cercetare, STUDIUL UNOR GENE IMPLICATE IN ATEROSCLEROZA IN ERA POSTGENOMIC; GENATERO, 2007-2010, coordonator UMF</i>	< 50.000 Eu	Director	2
2	<i>PN II, parteneriateDezvoltarea unor Metode Novatoare de diagnostic la Nivel Molecular si Stratificare a Factorilor de Risc in Ateroscleroza; ATEROMOL,coordonator UMF, 2008-2011</i>	< 50.000 Eu	Director	2
3	<i>Membru grant de cercetare: Un cadru conceptual pentru definirea, validarea si compunerea componentelor software, 2007-2010</i>	< 50.000 Eu	membru	1
4	<i>CEEX PC-D11-PT00-147/2005: Noi tehnici în rezonanța magnetică nucleară pe solide. Dezvoltări metodologice și aplicații, 2005-2008</i>	< 50.000 Eu	membru	1
Total v)				6

vi) Membru in comitetul stiintific (de program) al unor conferinte, simpozioane, workshop-uri

Nr.	Titlu	Categorie	Punctaj
1	KEPT, 2007	D	0,5

2	4th Balkan Conference in Informatics, 2009	D	0,5
3	KEPT, 2009	D	0,5
4	3rd International Workshop on Model-Driven Architecture and Modeling-Driven Software Development - MDA & MDSD, 2011	D	0,5
5	5th Balkan Conference in Informatics, 2012	D	0,5
6	6th Balkan Conference in Informatics, 2013	D	0,5
7	7th Balkan Conference in Informatics, 2015	D	0,5
8	8th Balkan Conference in Informatics, 2017	D	0,5
9	CADO 2020 (http://hpcs2020.cisedu.info/2-conference/special-session)	B	2
10	EASEAI 2020 (https://easeai.github.io/)	A	4
11	MaCS 2020 http://macs2020.elte.hu/	D	0,5
12	MaCS 2018 http://www.cs.ubbcluj.ro/~macs/2018/	D	0,5
13	MaCS 2014 http://www.cs.ubbcluj.ro/~macs/2014/	D	0,5
Total vi)			11,5

vii) Organizare evenimente stiintifice/ scoli de vara

Nr	Titlu	Calitate	Punctaj
1	KEPT 2011	chair	2
2	KEPT 2013	chair	2
3	KEPT 2015	chair	2
4	The 14th Edition of the International Conference on Linguistic Resources and Tools for Natural Language Processing, and the 3rd ReTeRom Workshop, 18-20 November 2019, Cluj-Napoca, Romania	membru	1

5	6th @RoBioinfo Seminar: Machine Learning for Bioinformatics, 5-6 October 2019, Cluj-Napoca, Romania	membru	1
6	FROM 2020, Cluj-Napoca, 4-6 sept, http://www.cs.ubbcluj.ro/from2020/	chair	2
Total vii)			10

viii) Keynote/invited speaker/profesor la evenimente/universitati

Nr	Titlu	Tip	Punctaj
1	<i>NUS-SoC Research Workshop</i> , in National University of Singapore, 2014	top 100	8
2	Technical University of Košice, iun 2012 - K framework in MDA		1
Total viii)			9

ix) Profesor/cercetator asociat/visiting

Nr	Titlu	Categorie	Punctaj
1	Visiting prof. Beijing Institute of Technology martie 2016 (7 zile) – top 20 (http://www.urapcenter.org/2017/Information-Computing_Sciences.php), 8 ore, martie 2016	top 20	6
2	Visiting prof. Univ. Paul Sabatier Toulouse sept 2015 (8 ORE), (http://www.shanghairanking.com/World-University-Rankings/Paul-Sabatier-University-(Toulouse-3).html)	TOP 500	1
3	Visiting prof – University Of Salerno – iun 2018 (8 ORE), http://www.urapcenter.org/2017/Information-Computing_Sciences.php	TOP 500	1
Total ix)			8

* conform Academic Ranking of World Universities (ARWU) 2017, www.shanghairanking.com, iulie 2018

x) Consolidarea de echipe de cercetare

Nr	Titlu	Nivel	Nr ani	Punctaj
1	Conducere grup de cercetare <i>Inginerie Software</i> , Tip acreditate: acreditat UBB, 2012 (14 persoane)	National	9	9
Total x)				9

xi) Membru in comisii de evaluare a tezelor de doctorat		Punctaj
1	UBB, 2011, Titlu teza: Towards a Formal Foundation of Software Reuse, Drd: Vladiela Ciubotariu-Boer	0,5
2	Universitatea Babes-Bolyai, 2012, Titlu teza: GUI Application Visualization and Testing, Drd: Molnar Arthur	0,5
3	Universitatea Babes-Bolyai, 2012, Titlu teza: Model-based Code Generation, Doctorand: Paul Horatiu Stan	0,5
4	UBB, 2008, Titlu teza: Modelarea ergonometrica a interfetelor om-calculator, Doctorand: Adriana Tarta	0,5

5	Univ. A.I.Cuza Iasi, 2009, Titlu: Metode si tehnici de realizare a interpretoarelor adaptabile, Drd: Dan Popa	0,5
6	2009, Titlu teza: Use of Search Techniques to Software Development, Doctorand: Czibula Istvan	0,5
7	Universitatea de Vest, Timisoara, 2012, Titlu teza: Heterogeneous Pattern Matching for Intrusion Detection Systems and Digital Forensics, Doctorand: Ciprian Petrișor Pungilă	0,5
8	Univ. Tehnică Cluj-Napoca, 2016, <i>Titlu: CONTRIBUTIONS TO THE ENHANCEMENT OF SUSTAINABLE INTEROPERABILITY OF SYSTEMS INVOLVED IN COLLAB. WORKING ENVIRONMENTS</i> , drd: MANUELLA TUDORAN (KADAR)	0,5
9	Univ. of Upsalla, Kim-Anh Tran, Finding and Exploiting Memory- Level-Parallelism in Constrained Speculative Architectures	2
	Total xi)	6

xii) Membru in comisii de indrumare a doctoranzilor		Punctaj
1	UBB: drd. Ioan Gabriel Mircea	1
2	UBB: drd. Paul Tirban	1
3	drd. Calin Vac, UBB	1
4	drd. Kiss Tibor, UBB	1
	Total xii)	4

xvi) Premii si alte merite

Nr	Titlu	Punctaj
1	Premiul UBB pentru excelenta didactica 2019	

TOTAL PERSPECTIVA d) 89,68