

	Autoevaluare cu privire la indeplinirea criteriilor de abilitare												
	Conf. Dr. Gheorghe Cosmin Silaghi, activitate 2007 - 2011												
	toti indicatorii sunt calculati doar pe baza activitatii din ultimii 5 ani calendaristi, asa cum mentioneaza ordinul MECS 4691 / 26.07.2011												
Nr. Crt.	Articol stiintific	si	ni	l1	wj	nj	l2	pk	CSk	nk	l3	l4	l5
1	Ioan Petri, Omer Rana, Gheorghe Cosmin Silaghi, "Service Level Agreement as a Complementary Currency in Peer-to-Peer Markets", in Future Generation Computer Systems, doi: 10.1016/j.future.2011.09.007, Elsevier, 2011, ISSN: 0167-739X, IF: 2.365, SRI: 0.689	0.689	3.000	22.967									
2	G.C. Silaghi, L.D. Serban, C.M. Litan, "A time-constrained SLA negotiation strategy in competitive computational grids", in Future Generation Computer Systems, doi: 10.1016/j.future.2011.11.002, Elsevier, 2011, ISSN: 0167-739X, IF: 2.365, SRI: 0.689	0.689	3.000	22.967									
2	F. Araujo, J. Farinha, P. Domingues, Gheorghe Cosmin Silaghi , D. Kondo, "A maximum independent set approach for collusion detection in voting pools", in Journal of Parallel and Distributed Computing, vol. 71(10), pp. 1356-1366, Elsevier, 2011, ISSN: 0743-7315, doi:10.1016/j.jpdc.2011.06.004, IF: 1.078, SRI: 0.821	0.821	5.000	16.420									
3	A.E. Arenas, B. Aziz, Gheorghe Cosmin Silaghi . "Reputation Management in Collaborative Computing Systems". In: Security and Communication Networks, vol. 3(6), pp. 546-564, 2011, Wiley/Blackwell, ISSN: 1939-0114, IF: 0.356, SRI: 0.239				8.000	3.000	2.667						
4	Gheorghe Cosmin Silaghi , F. Araujo, L.M. Silva, P. Domingues, A.E. Arenas, "Defeating Colluding Nodes in Desktop Grid Computing Platforms", in Journal of Grid Computing, vol. 7(2), pp. 555-573, Springer, 2009, ISSN: 1570-7873, IF: 1.556				7.000	5.000	1.400						

5	A.M. Ghiran, Gheorghe Cosmin Silaghi , Nicolae Tomai, "Deploying an Agent Platform to Automate the IT Infrastructure Auditing", in Lecture Notes in Business Information Processing, vol. 87, pp. 266-277, Springer Verlag, doi: 10.1007/978-3-642-21863-7_23, ISSN: 1865-1348, Scopus, ISI WoK, SpringerLink				6.000	3.000	2.000						
6	Gheorghe Cosmin Silaghi , L.D. Serban, C.M. Litan, "A Framework for Building Intelligent Negotiation Strategies under Time Constraints", in Lecture Notes in Computer Science, vol. 6296, pp.48-61, Springer, 2010, ISSN: 0302-9743, Scopus, ISI WoK, SpringerLink				6.000	3.000	2.000						
7	Ioan Petri, Omer Rana, Gheorghe Cosmin Silaghi , "SLA as a Complementary Currency in Peer-2-Peer Markets", in Lecture Notes in Computer Science, vol. 6296, pp. 141-152, Springer, 2010, ISSN: 0302-9743, Scopus, ISI WoK, SpringerLink				6.000	3.000	2.000						
8	Ciprian Bortos, Mihaela Ordean, Gheorghe Cosmin Silaghi "Broadcasting Clouds Masks and Snow Areas Detected in MedioGrid to Mobile Devices", in Proceedings of the 10 th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2008, Timișoara, Romania, pp. 410-415, IEEE Computer Society, 2009, ISBN: 978-0-7695-3523-4							0.010	12.000	3.000	0.041		
9	C.M. Stefanache, Gheorghe Cosmin Silaghi , C.M. Litan, "Automated Average Cycle Length Detection in Chaotic Time Series", in Proceedings of the 1st International Symposium on Modeling and Simulation, ISMS 2010, Liverpool, UK, pp. 140-145, IEEE Computer Society Press, ISBN: 978-0-7695-3973-7							0.013	12.000	3.000	0.053		

10	Mircea Moca, Gheorghe Cosmin Silaghi , " <i>Decision Models for Resource Aggregation in Peer-to-Peer Architectures</i> ", in Grids, P2P and Services Computing, the 2009 ERCIM CoreGrid working group Workshop on Grids, P2P and Services, Delft, The Netherlands, August 24, 2009, Proceedings, pp. 105-117, Springer 2010, ISBN: 978-1-4419-6793-0							0.065	12.000	2.000	0.390		
11	Sebastien Noel, P. Manneback, Gheorghe Cosmin Silaghi , " <i>Response Deadline Evaluation in Point-to-Point Negotiation on Grids</i> ". In: . Vol. 5745, Lecture Notes in Computer Science. Springer, 2009, pp. 15-27. Scopus, SpringerLink, ISI WoK				6.000	3.000	2.000						
12	Mircea Moca, Gheorghe Cosmin Silaghi , " <i>Resource Aggregation Effectiveness in Peer-to-Peer Architectures</i> ", in vol. 5529, Lecture Notes in Computer Science, pp. 388-399, Springer Verlag, 2009 Scopus, SpringerLink, ISI WoK				6.000	2.000	3.000						
13	Ana-Maria Ghiran, Gheorghe Cosmin Silaghi , Nicolae Tomai. " <i>Ontology-Based Tools for Automating Integration and Validation of Firewall Rules</i> ". In: Vol. 21. Lecture Notes in Business Information Processing. Springer, 2009, pp. 37-48. ISSN: 1865-1348, Scopus, SpringerLink, ISI WoK				6.000	3.000	2.000						
14	Darie Moldovan, Gheorghe Cosmin Silaghi . " <i>Gene Trajectory Clustering for Learning the Stock Market Sectors</i> ". In: Vol. 5495. Lecture Notes in Computer Science. Springer, 2009, pp. 559-568, ISSN: 0302-9743, Scopus, ISI WoK, SpringerLink				6.000	2.000	3.000						
15	Andrei Şaupe, L.R Teodorescu, M.A. Ordean, R. Boldizsar, M. Ordean, Gheorghe Cosmin Silaghi , " <i>Efficient Parsing of Romanian Language for Text-to-Speech Purposes</i> ", in vol. 5729, Lecture Notes in Artificial Intelligence, 2009, Springer Verlag, pp. 323-330, Scopus, ISI WoK, SpringerLink				6.000	6.000	1.000						

16	S. Naqvi, S. Mouton, P. Massonet, Gheorghe Cosmin Silaghi , D. Battre, M. Hovestadt, K. Djemame, "Using SLA based approach to handle sabotage tolerance in the grids", in Proceedings of the 2 nd CoreGrid symposium, Las Palmas, Spain, August 2008, in "From Grids to Service and Pervasive Computing", T. Priol and M. Vaneschi Eds, pp. 153-162, Springer US, ISBN: 978-0-387-09454-0							0.041	12.000	7.000	0.071		
17	Gheorghe Cosmin Silaghi , "Making the Agent Technology Ready for Web-based Information Systems", in Lecture Notes in Business Information Processing, vol 7/2008, pp. 321-332, Springer Verlag, ISSN: 1865-1348 (print) și 1865-1356, Scopus, ISI WoK, SpringerLink				6.000	1.000	6.000						
18	Gheorghe Cosmin Silaghi , Luis M. Silva, Patricio Domingues, Alvaro E. Arenas, "Tackling the Collusion Threat in P2P-enhanced Internet Desktop Grids", in Proceedings of the 2nd CoreGrid workshop on Grid and P2P Systems Architectures, Heraklion, Greece, June 2007, in "Making Grids Work", M. Danelutto, P. Fragopoulou and V. Getov Eds., pp. 393-402, Springer US, ISBN: 978-0-387-78447-2							0.025	12.000	4.000	0.075		
19	Gheorghe Cosmin Silaghi , Alvaro E. Arenas, Luis M. Silva, "A Utility-Based Reputation Model for Service-Oriented Computing", in Proceedings of the 1st CoreGrid Symposium, Rennes, France, August 2007, in Towards Next Generation Grids, T. Priol and M. Vaneschi Eds, pp. 63-72, Springer US, ISBN: 978-0-387-72497-3 (Print), 978-0-387-72498-0 (Online)							0.033	12.000	3.000	0.133		
20	Amit D. Lakhani, Erica Y. Yang, Brian Matthews, Ian Johnson, Syed Naqvi, Gheorghe Cosmin Silaghi , "Threat Analysis and Attacks on XtreamOS: A Grid-enabled Operating System", in Proceedings of the 1st CoreGrid Symposium, Rennes, France, August 2007, in Towards Next Generation Grids, T. Priol and M. Vaneschi Eds, pp. 53-62, Springer US, ISBN: 978-0-387-72497-3 (Print) 978-0-387-72498-0 (Online)							0.033	12.000	6.000	0.066		

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62	citare Khan B., Khan M.K., Mahmud M., Alghathbar K.S., “Security Analysis of Firewall Rule Sets in Computer Networks”, in 2010 4th International Conference on Emerging Security Information, Systems and Technologies, SECURWARE 2010, pp. 51-56, IEEE Press												4.000
	Total			62.353			33.067				0.961	0.000	161.000
	I1:			62.353		> 25							
	I2:			33.067									
	I1 + I2:			95.420		> 30							
	I3:			0.961									
	I5:			161.000									
	C:			257.381		> 50							