

Listă lucrări științifice publicate în reviste de specialitate cotate ISI

2007

Nr. crt	Lucrarea	Autori	Revista,	Vol, pagina	Factor impact
0	1	2	3	4	5
1	<i>Encoding Mobile Ambients into pi-calculus</i>	<u>G.Ciobanu</u> , <u>V.Zakharov</u>	Lecture Notes in Computer Science	4378, Springer, 148-161, 2007	0,402
2	<i>Appositions Versus Double Subject Sentences - What Information the Speech Analysis Brings to a Grammar Debate</i>	<u>Teodorescu, H.N.</u> , <u>Trandabat, D.</u>	Lecture Notes in Computer Science	4629, Springer , 286-293, 2007	0,402
3	<i>A study on Speech with Manifest Emotions</i>	<u>H.N. Teodorescu</u> , <u>M. Feraru</u>	Lecture Notes in Computer Science	4629, Springer, 254-262, 2007	0,402
4	<i>Analysis of the predictability of time series obtained from genomic sequences by using several predictors</i>	<u>H.N. Teodorescu</u> , <u>L.I. Fira</u>	Journal of Intelligent & Fuzzy Systems	Vol. 18, ISSN: 1064-1246,2007	0,283
5	<i>Probabilistic Transitions for P Systems</i>	<u>G.Ciobanu</u> , <u>L.Cornacel</u>	Progress in Natural Science	vol.17(4):432-441, 2007	0,531
6	<i>On the relationship between membranes and ambients</i>	<u>G.Ciobanu</u> , <u>B. Aman</u> .	BioSystems(2007).	in curs de apariție 2007	1,080
7	<i>Cellular modelling using P systems and process algebra.</i>	F.J. Romero-Campero, M. Gheorghie, <u>G. Ciobanu</u> , J.M. Auld, M.J. Perez-Jimenez	Progress in Natural Science	vol.17(4), 375-383, 2007.	0,531
8	<i>Timers and Proximities for Mobile Ambients</i>	<u>B.Aman</u> , <u>G.Ciobanu</u>	Lecture Notes in Computer Science	4649, Springer, 33-43, 2007.	0,402
9	<i>Mobile Ambients with Timers and Types</i>	<u>B.Aman</u> , <u>G.Ciobanu</u>	Lecture Notes in Computer Science	4711, Springer, 50-63, 2007	0,402
10	<i>Reachability Problem in Mobile Membranes</i>	<u>B.Aman</u> , <u>G.Ciobanu</u>	Lecture Notes in Computer Science	4860, Springer, 113-123, 2007.	0,402
11	<i>Eigenimage-based face recognition approach using gradient covariance</i>	<u>T. Barbu</u>	Numerical Functional Analysis and Optimization	Vol.28, 5-6 May 2007, pp 591 – 601.	0.405
12	<i>Topic-Focus Articulation Algorithm on the Syntax-Prosody Interface of Romanian</i>	<u>N.Curteanu</u> , <u>D.Trandabăt</u> , <u>M. A. Moruz</u>	Lecture Notes in Computer Science	4629, Springer, 516-523, 2007	0,402
13	<i>P systems with minimal parallelism</i>	<u>G Ciobanu</u> , L Pan, G Paun, MJ Pérez-Jiménez	Theoretical Computer Science	V.378 (1), 2007, pp. 117-130	0,843

2006

Nr. crt	Lucrarea	Autori	Revista,	Vol, pagina	Factor impact
0	1	2	3	4	5
1	<i>On the branching complexity of P systems.</i>	<u>G.Ciobanu</u> , Gh.Paun, M.J. Perez-Jimenez	Fundamenta Informaticae	vol.73, 27-36, 2006	0,586
2	<i>Mealy Multiset Automata.</i>	<u>G.Ciobanu</u> , <u>V.M.Gontineac</u>	International Journal of Foundations of Computer Science	vol.17, 111-126, World Scientific, 2006	0,500
3	<i>P Transducers.</i>	<u>G.Ciobanu</u> , Gh.Paun, Gh.Stefanescu	New Generation Computing	vol.24(1), 1-28, 2006	0,694

4	<i>Algebraic and Topological Properties of Apartness Lattice-Ordered Semigroups</i>	<u>G.Ciobanu, D.Rusu</u>	Journal for Multiple-Valued Logic and Soft Computing	vol X, 1 - 26, 2006	0,200
5	<i>Encodings and Arithmetic Operations in Membrane Computing</i>	C.Bonchis, <u>G.Ciobanu</u> , C.Izbasa	Lecture Notes in Computer Science	3959, Springer, 618-627, 2006	0,402
6	<i>Distributed Evolutionary Algorithms Inspired by Membranes in Solving Continuous Optimization Problems</i>	D.Zaharie, <u>G.Ciobanu</u>	Lecture Notes in Computer Science	4361, Springer, 154-169, 2006	0,402
7	<i>A Topological Approach of the Web Clasification</i>	<u>G.Ciobanu, D.Rusu</u>	Lecture Notes in Computer Science	4281, Springer, 80-92, 2006	0,402
8	<i>Algebraic and Coalgebraic Aspects of Membrane Computing</i>	<u>G.Ciobanu, M.Gontineac</u>	Lecture Notes in Computer Science	3850, Springer, 182-199, 2006	0,402
9	<i>P Machines: An Automata Approach to Membrane Computing</i>	<u>G.Ciobanu, V.M.Gontineac</u>	Lecture Notes in Computer Science	4361, Springer, 314-329, 2006	0,402
10	<i>Structural Operational Semantics of P Systems</i>	O.Andrei, <u>G.Ciobanu</u> , D.Lucanu	Lecture Notes in Computer Science	3850, Springer, 32-49, 2006	0,402
11	<i>Expressing Control Mechanisms of Membranes by Rewriting Strategies</i>	O.Andrei, <u>G.Ciobanu</u> , D.Lucanu	Lecture Notes in Computer Science	4361, Springer, 154-169, 2006	0,402
12	<i>Alternatives for Multiobjectives Optimization of a Polymerization Process</i>	S. Curteanu, F. Leon, <u>Dan Galea</u>	Journal of Applied Polymer Science	Vol. 100, Issue 5, 3680-3695, 2006	1,306
13	<i>Using data mining techniques for the management of seismic vulnerability</i>	Leon. F, Atanasiu G.M., <u>Galea D.</u>	Key Engineering Materials	Vol.326-328 I, 2006, Pp 501-504	0,224

2005

Nr. Crt	Lucrarea	Autori	Revista,	Vol, pagina	Factor impact
0	1	2	3	4	5
1	<i>An Automata Description of the Genetic Message Translation</i>	<u>G.Ciobanu, V.M.Gontineac</u>	Fundamenta Informaticae	vol.64, 93-107, 2005	0,312
2	<i>A P System Description of the Sodium-Potassium Pump</i>	D.Besozzi, <u>G.Ciobanu</u>	Lecture Notes in Computer Science	3365, Springer, 211-223, 2005	0,402
3	<i>Cellular Meta-Programming over Membranes</i>	<u>G.Ciobanu, D.Lucanu</u>	Lecture Notes in Computer Science	3566, Springer, 189-199, 2005	0,402
4	<i>A pre-processing aide-decision expert system for bone scan evaluation</i>	V. Rusu, C. Ștefănescu, <u>M.Costin</u> , M. Rusu	European Journal of Nuclear Medicine and Molecular Imaging	Vol. 32, Supplement 1, September 2005, P42, pag. S132	3,883
5	<i>Comparison between Pulmonary tuberculosis scintigraphy with ^{99m}Tc MIBI and ^{99m}Tc Tetrofosmin</i>	C. Ștefănescu, V. Rusu, D. Boisteanu, M. Oleniuc, D. Hurjui, <u>M. Costin</u>	European Journal of Nuclear Medicine and Molecular Imaging	Vol. 32, Supplement 1, September 2005, P557, pag. S230	3,883
6	<i>Summarisation through Discourse Structure</i>	<u>Cristea, D.</u> , Postolache, O., Pistol, I	Lecture Notes in Computer Science	3406, Springer, 632-644, 2005	0,402
7	<i>A Web-based P systems simulator and its parallelization</i>	C. Bonchis, <u>G.Ciobanu</u> , C. Izbasa, D. Petcu	Lecture Notes in Computer Science	3699, Springer, 58-69, 2005	0,402
8	<i>Self-organizing distribution of agents over hosts</i>	<u>G.Ciobanu, D.Rusu</u>	Lecture Notes in Computer Science	3733, Springer, 462-471, 2005	0,402
9	<i>Executable Specifications of the P Systems</i>	O.Andrei, <u>G.Ciobanu</u> , D.Lucanu	Lecture Notes in Computer Science	3365, Springer, 127-146, 2005	0,402

Listă citări în reviste de specialitate cotate ISI

2007

Nr. crt	Lucrarea care citează	Autori	Revista,	Vol, pagina	Factor impact	Lucrare citată
0	1	2	3	4	5	6
1	<i>An Assessment of Potential Diatom "Barcode" Genes (cox1, rbcL, 18S and ITS rDNA) and their Effectiveness in Determining Relationships in Sellaphora (Bacillariophyta)</i>	Evans, K.M., Wortley, A.H., Mann, D.G.	Protist	158 (3), 2007, pp. 349-364	3,262	ISI-1/2004
2	<i>Aerophytic diatoms from caves in central Moravia (Czech Republic)</i>	Pouličková, A., Hasler, P.	Preslia	79 (2), 2007, pp. 185-204	2,119	ISI-1/2004
3	<i>Morphological and ecological variation within the Achnanthidium minutissimum (Bacillariophyceae) species complex</i>	Potapova, M., Hamilton, P.B.	Journal of Phycology	43 (3), 2007, pp. 561-575	2,58	ISI-1/2004
4	<i>Rules for macroorganisms applied to microorganisms: Patterns of endemism in benthic freshwater diatoms</i>	Kilroy, C., Biggs, B.J.F., Vyverman, W.	Oikos	116 (4), 2007, pp. 550-564	3,381	ISI-1/2004
5	<i>The systematics of a small spineless Desmodesmus species, D. Costato-granulatus (Sphaeropleales, Chlorophyceae), based on its 2 rDNA sequence analyses and cellwall morphology</i>	Vanormelingen, P., Hegewald, E., Braband, A., Kitschke, M., Friedl, T., Sabbe, K., Vyverman, W.	Journal of Phycology	43 (2), 2007, pp. 378-396	2,58	ISI-1/2004
6	<i>Diatom stratigraphy of the last 250 ka at Lake El'gygytgyn, northeast Siberia</i>	Cherapanova, M.V., Snyder, J.A., Brigham-Grette, J.	Journal of Paleolimnology	37 (1), 2007, pp. 155-162	3,016	ISI-1/2004
7	<i>A rewriting logic framework for operational semantics of membrane systems</i>	Andrei, O., Ciobanu, G., Lucanu, D.	Theoretical Computer Science	373 (3), 2007, pp. 163-181	0,743	ISI-10/2005
8	<i>Formal verification technique for grid service chain model and its application</i>	Xu, K., Wang, Y., Wu, C.	Science in China, Series F: Information Sciences	50 (1), 2007, pp. 1-20	0,454	CONF-1/2004
9	<i>Discrete solutions to differential equations by metabolic P systems</i>	Fontana, F., Manca, V.	Theoretical Computer Science	372 (2-3), 2007, pp. 165-182	0,743	ISI-3/2005
10	<i>A rewriting logic framework for operational semantics of membrane systems</i>	Andrei, O., Ciobanu, G., Lucanu, D.	Theoretical Computer Science	373 (3), 2007, pp. 163-181	0,743	ISI-4/2005
11	<i>On the degree of parallelism in membrane systems</i>	Gutiérrez-Naranjo, M.A., Pérez-Jiménez, M.J., Riscos-Núñez, A.	Theoretical Computer Science	372 (2-3), 2007, pp. 183-195	0,743	ISI-1/2006
12	<i>Multiobjective optimization in bioinformatics and computational biology</i>	Handl, J., Kell, D.B., Knowles, J.	IEEE/ACM Transactions on Computational Biology and Bioinformatics	4 (2), 2007, pp. 279-291	1,426	ISI-15/2006
13	<i>Do shoulder vibration signals vary among asymptomatic volunteers?</i>	Kargus, R., Bahu, M., Kahugu, M., Martin, S., Atkinson, P.	Clinical Orthopaedics and Related Research	(456), 2007, pp. 103-109	2,161	non ISI-22/2004
14	<i>Genetic learning of vocal tract area functions for articulatory synthesis of Spanish vowels</i>	Brito, J.	Applied Soft Computing Journal	7(3), pp. 1035-1043, 2007	0,849	Lucrare 2002
15	<i>Quorum sensing P systems</i>	F Bernardini,	Theoretical	371 (1-2),	0,743	ISI-

		M Gheorghe, N Krasnogor	Computer Science	2007, pp. 20-33		10/2006
16	<i>Discrete solutions to differential equations by metabolic P systems</i>	F Fontana, V Manca	Theoretical Computer Science	372 (2-3), 2007, pp. 165-182	0,743	ISI- 2/2006
17	<i>Modeling and verification of real-time systems based on equations</i>	K Ogata, K Futatsugi	Science of Computer Programming	V. 66 (2) 2007, pp. 162-180	0,769	ISI- 3/2004
18	<i>Membrane computing and complexity theory: A characterization of PSPACE</i>	P Sosik, A Rodríguez-Patón	Journal of Computer and System Sciences	V. 73 (1), 2007, pp. 137-152	1,252	ISI- 13/2007

2006

Nr. crt	Lucrarea care citează	Autori	Revista,	Vol, pagina	Factor impact	Lucrare citată
0	1	2	3	4	5	6
1	<i>Sexual reproduction in Navicula cryptocephala (Bacillariophyceae)</i>	Pouličková, A., Mann, D.G.	Journal of Phycology	42 (4), 2006, pp. 872-886	2,58	ISI- 1/2004
2	<i>Evolution of the diatoms: Insights from fossil, biological and molecular data</i>	Sims, P.A., Mann, D.G., Medlin, L.K.	Phycologia	45 (4), 2006, pp. 361-402	1,196	ISI- 1/2004
3	<i>Calibration of littoral diatoms to water chemistry in standing fresh waters (Flanders, lower Belgium): Inference models for historical sediment assemblages</i>	Denys, L.	Journal of Paleolimnology	35 (4), 2006, pp. 763-787	3,016	ISI- 1/2004
4	<i>P Systems with reaction maps</i>	Bianco, L., Fontana, F., Manca, V.	International Journal of Foundations of Computer Science	17 (1), 2006, pp. 27-48	0,5	ISI- 3/2005
5	<i>Algebraic and coalgebraic aspects of membrane computing</i>	Ciobanu, G., Gontineac, V.M.	Lecture Notes in Computer Science	3850, 2006,pp. 181-198	0,402	ISI- 2/2006
6	<i>Encodings and arithmetic operations in membrane computing</i>	Bonchis, C., Ciobanu, G., Izbaşa, C.	Lecture Notes in Computer Science	3959, 2006, pp. 621-630	0,402	ISI- 3/2006
7	<i>On P Systems as a Modelling Tool for Biological Systems</i>	F Bernardini, M Gheorghe, N Krasnogor, et al.	Lecture Notes in Computer Science	3850, 2006, pp. 114-133	0,402	ISI- 9/2005
8	<i>Formalizing Spherical Membrane Structures and Membrane Proteins Populations</i>	D Besozzi, G Rozenberg	Lecture Notes in Computer Science	4361, 2006, pp. 18-41	0,402	ISI- 2/2005

2005

Nr. crt	Lucrarea care citează	Autori	Revista,	Vol, pagina	Factor impact	Lucrare citată
0	1	2	3	4	5	6
1	<i>Sexual reproduction, mating system, chloroplast dynamics and abrupt cell size reduction in Pseudo-nitzschia pungens from the North Sea (Bacillariophyta)</i>	Chepurnov, V.A., Mann, D.G., Sabbe, K., Vannerum, K., Casteleyn, G., Verleyen, E., Peperzak, L., Vyverman, W.	European Journal of Phycology	40 (4), 2005, pp. 379-395	2,064	ISI- 1/2004
2	<i>Life cycle, size reduction patterns, and ultrastructure of the pennate planktonic diatom Pseudo-nitzschia delicatissima (Bacillariophyceae)</i>	Amato, A., Orsini, L., D'Alelio, D., Montresor, M.	Journal of Phycology	41 (3), 2005, pp. 542-556	2,502	ISI- 1/2004

3	Auxosporulation, mating system, and reproductive isolation in <i>Neidium</i> (Bacillariophyta)	Mann, D.G., Chepurnov, V.A.	Phycologia	44 (3), 2005, pp. 335-350	1,271	ISI- 1/2004
4	Life history and systematics of <i>Petronis</i> (Bacillariophyta), with special reference to British waters	Jones, H.M., Simpson, G.E., Stickle, A.J., Mann, D.G.	European Journal of Phycology	40 (1), 2005, pp. 61-87	2,064	ISI- 1/2004

Listă brevete de invenție

Nr. crt.	Nume brevet	Număr brevet	Autori
1	<i>Matelas - paramètre de confort</i>	patent număr FR2873215, INPI, ianuarie, 2006, Paris	Jean-Guy Fontaine, <u>Mihael Hnatiuc</u>

Listă citări brevete de invenție

2007

Nr. crt	Numar brevet in care este citat	Brevet citat	Autori
0	1	2	3
1	US 7.272.431, Remote-sensing method and device	US 6011477	<u>H.N.Teodorescu</u> , Daniel Mlynek
2	US 7.258.026, Sensor with a plurality of sensor elements arranged with respect to a substrate	US 6011477	<u>H.N.Teodorescu</u> , Daniel Mlynek
3	US 7.255.671 Infant care apparatus	US 6011477	<u>H.N.Teodorescu</u> , Daniel Mlynek

2006

Nr. crt	Numar brevet in care este citat	Brevet citat	Autori
0	1	2	3
1	US 7.151.444 Children's monitor for monitoring multiple children and method	US 6011477	<u>H.N.Teodorescu</u> , Daniel Mlynek
2	US 7.053.779 Method, apparatus and system for remote baby monitoring with additional functions	US 6011477	<u>H.N.Teodorescu</u> , Daniel Mlynek
3	US 7.049.968 Baby monitor with a soothing unit	US 6011477	<u>H.N.Teodorescu</u> , Daniel Mlynek
4	US 7,254,519 Multi channel multiplexed inspection system and method	US 5986549	<u>H.N.Teodorescu</u>
5	US 7,182,288 Waste minimizing carousel-style dispenser	US 5986549	<u>H.N.Teodorescu</u>
6	US 7,173,537 Device for protecting against accidental contact and method for protecting against accidental contact of a displaceable part	US 5986549	<u>H.N.Teodorescu</u>
7	US 7,161,359 Paper dispenser with proximity detector	US 5986549	<u>H.N.Teodorescu</u>
8	US 7,154,275 Method and apparatus for detecting individuals using electrical field sensors	US 5986549	<u>H.N.Teodorescu</u>
9	US 7,142,113 Method and apparatus to detect an external source	US 5986549	<u>H.N.Teodorescu</u>
10	US 7,102,366 Proximity detection circuit and method of detecting capacitance changes	US 5986549	<u>H.N.Teodorescu</u>
11	US 7,097,226 Safety system for a compartment of a vehicle	US 5986549	<u>H.N.Teodorescu</u>

2005

Nr. crt	Numar brevet in care este citat	Brevet citat	Autori
0	1	2	3
1	US 7,037,272 Infant respiratory monitoring system	US 6011477	<u>H.N.Teodorescu,</u> <u>Daniel Mlynek</u>
2	US 7,009,520 Method, apparatus, and system for remote baby monitoring with additional functions	US 6011477	<u>H.N.Teodorescu,</u> <u>Daniel Mlynek</u>
3	US 6,975,230 Method and apparatus for registering movement patterns of human beings	US 6011477	<u>H.N.Teodorescu,</u> <u>Daniel Mlynek</u>
4	US 6,964,205 Sensor with plurality of sensor elements arranged with respect to a substrate	US 6011477	<u>H.N.Teodorescu,</u> <u>Daniel Mlynek</u>
5	US 6,935,335 System and method for treating obstructive sleep apnea	US 6011477	<u>H.N.Teodorescu,</u> <u>Daniel Mlynek</u>
6	US 6,933,846 Displacement sensing system	US 5986549	<u>H.N.Teodorescu</u>
7	US 6,930,614 Smart occupant alarm system	US 5986549	<u>H.N.Teodorescu</u>
8	US 6,927,568 Rotational-rate sensor	US 5986549	<u>H.N.Teodorescu</u>

Anexa 4.3.

Produse si tehnologii rezultate din activitati de cercetare, bazate pe brevete, omologari sau inovatii proprii. Studii prospective si tehnologice si servicii rezultate din activitatea de cercetare-dezvoltare, comandate de beneficiar (Se indica contractul si firma care utilizeaza produsul, serviciul si tehnologia).

Nr. Crt / An	Proiect Contract de cercetare Beneficiar	Rezultat	Termen de raportare/predare (luna)
0	1	2	3
2007			
1	„Sistem informatic geografic pentru modelarea unui atlas arheologic caracteristic teritoriului românesc”, Proiect interdisciplinar al Academiei Romane Beneficiar: Institutul de Arheologie Iași, Academia Română, filiala Iași	„ ARH ”, Aplicatie software pentru modelarea Atlasului Arheologic	Noiembrie, 2007
2006			
1	„Proiectarea si implementarea unui sistem integrat de aplicații software pentru editarea textelor dialectale si realizarea Atlasului Lingvistic Roman pe Regiuni”, Proiect prioritar al Academiei Romane Beneficiar, Institutul de Filologie Română “A.Philippide” Iași, Academia Română, filiala Iași	„ EditTD ”, Aplicatie pentru editarea textelor dialectale.	Noiembrie, 2006
2005			
1	„Proiectarea si implementarea unui sistem integrat de aplicații software pentru editarea textelor dialectale si realizarea Atlasului Lingvistic Roman pe Regiuni”, Proiect prioritar al Academiei Romane, Beneficiar: Institutul de Filologie Română “A.Philippide” Iași, Academia Română, filiala Iași	„ ALR ”, Aplicatie pentru intretinerea dictionarelor atlasului lingvistic, generare automata, editare si tiparire a planselor lingvistice.	Noiembrie, 2005

Lucrari stiintifice publicate în reviste de specialitate fara cotatione ISI

2007

Nr. crt	Lucrarea	Autori	Revista,	Vol, pagina
0	1	2	3	4
1	<i>Translating Mobile Ambients into P Systems</i>	<u>B.Aman</u> , <u>G.Ciobanu</u>	Electronic Notes in Theoretical Computer Science	vol 171(2), 11-23, 2007.
2	<i>Coordination by Timers for Channel-Based Anonymous Communications.</i>	<u>G.Ciobanu</u> , <u>C.Prisacariu</u>	Electronic Notes in Theoretical Computer Science	vol 175(2), 3-17, 2007.
3	<i>Influence of the basal arborization on the firing pattern of a burst firing layer 5 neocortical neuron</i>	Păduraru O.	Proceedings of the Romanian Academy Series A	Vol 8, No. 1 January-April 2007
4	<i>Localized vs. Locality Preserving Subspace Projections for face recognition</i>	<u>H.N. Costin</u> , <u>Cr. Rotariu</u> , C. Costin	EURASIP Journal on Image and Video Processing	
5	<i>TELPROT - Communication System with Persons having a Major Neuro- Locomotor Handicap</i>	<u>H. Costin</u> , V. Cehan, <u>Cr. Rotariu</u> , I. ș.a	Revista Medico-Chirurgicala a Societății de Medici și Naturaliști Iași	vol. 111, Nr. 3, Supliment 1, Iași, 2007
6	<i>An Ultra Low Power Monitoring Device for Telemedicine</i>	<u>Cr. Rotariu</u> , R. Lupu, <u>H. Costin</u> , B. Dionisie,	Revista Medico-Chirurgicala a Societății de Medici și Naturaliști Iași	vol. 111, Nr. 3, Supliment 1, Iași, 2007
7	<i>TELMES - A Multimedia Network for Complex Telemedicine Services in Romania</i>	<u>H. Costin</u> , S. Puscoci, <u>C. Rotariu</u> , et. Al	Journal of the Royal Society of Medicine of the United Kingdom	nov.07
8	<i>U-shaped assembly line balancing: A review</i>	<u>Copaceanu</u> , <u>C.</u> , <u>Brudaru</u> , <u>O.</u>	Buletinul Institutului Politehnic din Iasi	tom LIII(LVII), fasc. 5, 2007, pag. 807-816
9	<i>A survey of the assembly line balancing heuristics</i>	<u>Brudaru</u> , <u>O.</u> , <u>Copaceanu</u> , <u>C.</u>	Academic Journal of Manufacturing Engineering, Universitatea "Politehnica" din Timișoara	nr. 4/2007, vol. 5/2007-in curs de aparitie
10	<i>Intelligent Search in Physiological Signals Database for Obstructive Sleep Apnea Correlated with Cardiovascular Disease Records</i>	<u>C. Grigoraș</u> , D. Boișteanu, V, Grigoraș	Revista Medico-Chirurgicala a Societății de Medici și Naturaliști Iași	vol. 111, Nr. 3, Supliment 1, 2007.
11	<i>An automatic image recognition approach</i>	<u>Tudor Barbu</u>	Computer Science Journal of Moldova	Volume 15, No. 1 (43), 2007.
12	<i>A supervised text-independent speaker recognition approach</i>	Tudor Barbu	International Journal of Electronics, Circuits and Systems	Vol. 1 No. 3, 2007 pp. 157-161
13	<i>Functional FX-bar Projections of the (Romanian) Verbal Group and Sub-Groups on the Syntactic-Semantic Interface</i>	<u>N.Curteanu</u> , <u>D.Trandabăt</u> , M. A. Moruz	Computer Science Journal of Moldavia	Vol. 15, 2007

2006

Nr. crt	Lucrarea	Autori	Revista,	Vol, pagina
0	1	2	3	4
1	<i>An Automatic Unsupervised Pattern Recognition Approach</i>	<u>T. Barbu</u>	Proceedings of the Romanian Academy Series A	Vol.7, Number 1, January - April 2006

2	<i>Intonational structures in Romanian Yes-No Questions</i>	<u>Apopei V., Jitcă D., Turculeț A.</u>	Computer Science Journal of Moldavia Chișinău	vol 14, nr. 1(40), 2006, pp. 113-137
3	<i>Linguistic Resources and Technologies for Romanian Language</i>	<u>Cristea, D., Forascu, C.</u>	Computer Science Journal of Moldavia Chișinău	vol. 14, nr. 1(40), 2006, pp. 34-73
4	<i>Local and Global Parsing with Functional (F)X-bar Theory and SCD Linguistic Strategy (I.)</i>	<u>Curteanu N.</u>	Computer Science Journal of Moldavia Chișinău	vol. 14, nr. 1 (40), 2006, pp. 74-102
5	<i>Local and Global Parsing with Functional (F)X-bar Theory and SCD Linguistic Strategy (II.)</i>	<u>Curteanu N.</u>	Computer Science Journal of Moldavia Chișinău	vol. 14, nr. 2 (41), 2006, pp. 155-182
6	<i>Localized vs. locality preserving subspace projections for face recognition</i>	<u>I. B. Ciocoiu, COSTIN, H.</u>	International Journal of Image and Video Processing	
7	<i>Encryption method based on non-additive discrete-time chaos synchronization</i>	<u>V. Grigoras, C. Grigoras</u>	WSEAS Transactions on Circuits & Systems	5[11], pp. 1608-1613, 2006
8	<i>On Hypermodules and their normal homomorphisms</i>	<u>V.M.Gontineac</u>	Italian Journal of Pure and Applied Mathematics	vol. 19, 75-84, 2006
9	<i>Feature Recognition in Solid Models for Manufacturing Process Planning</i>	<u>G.Muscă, E.Muscă</u>	Buletinul Institutului Politehnic din Iași, Secția V, Construcții de mașini	Tomul LII (LVI), Fasc. 5B, pag. 733-739, 2006
10	<i>New Control for Charge Pump Buck Converter</i>	<u>A. Lazar, M. Florea, D. Alexa, L. C. Lazar, G. A. Lazar</u>	Scientific Bulletin of the „Politehnica” University of Timisoara	pag.142-145, 2006
11	<i>99mTc Tetrofosmin lung scintigraphy for diagnostic evaluation of pulmonary tuberculosis comparison with 99m Tc MIBI</i>	<u>C. Ștefănescu, D. Boișteanu, V. Rusu, D. Azoicăi, M. Costin, ș.a</u>	Revista Medico-Chirurgicală a „Societății de Medici și Naturaliști” Iași	Vol. 113/2006, Nr. 4
12	<i>Image Pre-processing automatic systems for bone-scan metastasis evaluation</i>	<u>C. Ștefănescu, M. Costin, M. Zbancioc</u>	Revista Medico-Chirurgicală a „Societății de Medici și Naturaliști” Iași	Vol. 110/2006, Nr. 1, pag. 178-186
13	<i>Speech-dependent voice recognition system using a nonlinear metric</i>	<u>T. Barbu</u>	International Journal of Applied Mathematics	Vol. 18, No. 4, pp. 501-514, 2006
14	<i>An Automatic Graphical Recognition System using Area Moments</i>	<u>T. Barbu</u>	WSEAS Transactions on Computers	Issue 9, Vol.5, pp. 2142-2147, Sept. 2006
15	<i>Operational Semantics and Rewriting Logic in Membrane Computing</i>	<u>O.Andrei, G.Ciobanu, D.Lucanu</u>	Electronic Notes in Theoretical Computer Science	vol.156, 57-78, 2006
16	<i>Timers for Distributed Systems</i>	<u>G.Ciobanu, C.Prisacariu</u>	Electronic Notes in Theoretical Computer Science	vol.164, 81-99, 2006
17	<i>Aspecte ale intonației propozițiilor interogative totale cu structura VO(adj)</i>	<u>A.Turculeț, V.Apopei, D.Jitcă</u>	Anuar de lingvistică și istorie literară, Editura Academiei Române	XLIV-XLVI, 85-105, 2004-2006
18	<i>The subjects behaviors identification on the medical mattress with the fuzzy and neuro-fuzzy systems</i>	<u>Mihaela Hnatiuc</u>	Universitatea Pitești - Buletin Științific	Vol. 1, Nr. 6,2006

2005

Nr. Crt	Lucrarea	Autori	Revista,	Vol, pagina
0	1	2	3	4
1	<i>The state of the art in using genetic algorithms for assembly line balancing</i>	<u>Brudaru, O.</u> , <u>Copaceanu, C.</u>	Scientific Bulletin of the „Politehnica” University of Timisoara	vol. 50(64), no. 1, pp. 59-64, 2005
2	<i>A theorem of representation of (I,D)-outer kernels</i>	<u>D.Rusu</u>	Analele Științifice ale Universității "Al.I.Cuza" Iași	XLV, fl, 413-418, 2004
3	<i>Techniques for static visual object detection within a video scene</i>	<u>M. Costin, T. Barbu, G. Constantin, M. Zbancioc</u>	Buletinul Institutului Politehnic din Iași	Tom LI (LV), Fasc. 1-4, pp.75-85, 2005
4	<i>CNNs Characterising the Spatio Temporal Dynamics of Fluid Mixing in a Cylinder Device</i>	<u>C. Grigoraș</u>	Buletinul Institutului Politehnic din Iași, Secția I, Matematică, Mecanică teoretică, Fizică	tom LI(LV), fasc. 1-2, 2005, p.17-21
5	<i>An improved Load-Balancing strategy using ACO Metaheuristics</i>	<u>M.Craus, C.Bulancea</u>	WSEAS Transactions on Computers	August 2005, pp. 960-965
6	<i>Chaos Based Spread Spectrum Clock Generator</i>	<u>V. Grigoraș, C. Grigoraș</u>	WSEAS Transactions on Circuit & Systems	4 (9), 2005, p.1104-1112
7	<i>Two Fuzzy Economic Models with Nonlinear Dynamics</i>	<u>H.N. Teodorescu, M. Zbancioc</u>	Proceedings of the Romanian Academy Series A	Volume 6, Number 1/2005, pp. 75-84
8	<i>Adaptation Schemes for A Neuro-Fuzzy Predictor</i>	<u>L.E. Ferariu, H.N. Teodorescu, L. Fira</u>	Proceedings of the Romanian Academy Series A	Vol. 6, nr. 2, May-June 2005
9	<i>Communicating concurrent objects in hiddenCCS</i>	<u>G.Ciobanu, D.Lucanu</u>	Electronic Notes in Theoretical Computer Science	vol.117, 353--373, Elsevier, 2005
10	<i>The impact of the apical morphology of a layer V burst firing neocortical pyramidal cell on its discharge pattern.</i>	<u>Păduraru O.</u>	Universitatea Pitești - Buletin Științific	Vol. 2, Nr. 5, p. 40-51,2005
11	<i>Dynamics of Fuzzy Models for Market Players. The Three Companies Case</i>	<u>H.N. Teodorescu, M. Zbancioc</u>	FS&AI. - Fuzzy Systems & Artificial Intelligence, Romanian Academy	Vol. 11, No. 1-3, pp. 73-107, 2005
12	<i>Adaptation Schemes for A Neuro-Fuzzy Predictor</i>	<u>L.E. Ferariu, H.N. Teodorescu, L. Fira</u>	Proc. Romanian Academy, Series A	Vol. 6, nr. 2, May-June 2005

Lucrari stiintifice prezentate la conferinte internationale cu comitet de program

2007

Nr. crt	Lucrarea	Autori	Conferinta	Locul si Data
1	<i>Mobile Ambients and Mobile Membranes</i>	<u>B.Aman, G.Ciobanu</u>	Fourth International Conference on Computability and Complexity in Analysis (CCA CiE)	Siena, Italia, 18-23 iunie, 2007
2	<i>Structural Properties and Observability in Membrane Systems</i>	B.Aman, G.Ciobanu	9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	Timisoara, 26-29 sept. 2007.
3	<i>Archeological Atlases Modeling using GIS</i>	<u>R. Luca, S. Bejinariu, V. Apopei, C. Nita, C. Lazar, E. Musca,</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
4	<i>Electronic Linguistic Atlases. Client-Server Version</i>	<u>R. Luca, S. Bejinariu, V. Apopei</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
5	<i>Distributed 3D Terrain Model Generation for GIS Applications</i>	<u>S. Bejinariu, R. Luca</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
6	<i>Parallel Multi-Resolution Modeling</i>	<u>S. Bejinariu, R. Luca</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
7	<i>Influence of the apical tuft architecture of a layer 5 burst firing neocortical cell on its discharge pattern</i>	<u>Păduraru O.</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
8	<i>Standard Parts Databases one Solution for Computer-Aided Design of Mecanical Assemblies Performance of Design Using CAD Databases</i>	G.Musca, <u>E. Musca</u>	International Science and Engineering Conference Machine Building and Technosphere of the XXI century	Sevastopol Ukraina, 17-22 Sept. 2007
9	<i>Conception et Fabrication Assistee par Ordinateur et L'usinage a Grande Vitesse</i>	G.Musca, <u>E. Musca</u>	International Science and Engineering Conference Machine Building and Technosphere of the XXI century	Sevastopol Ukraina, 17-22 Sept. 2007
10	<i>Performance of design using CAD databases</i>	G.Musca, <u>E. Musca</u>	Conferința Științifică Internațională TMCR 2007,	Chișinău, 31 Mai-03 Iunie 2007
11	<i>Considerations concernant L'usinage avec grande vitesse,</i>	G.Musca, <u>E. Musca</u>	Conferința Științifică Internațională TMCR 2007,	Chișinău, 31 Mai-03 Iunie 2007
12	<i>The contribution of the proximal apical dendrites to the discharge pattern in burst firing layer 5 neocortical cells</i>	<u>Păduraru O</u>	International Conference on Electronics, Computers and Artificial Intelligence (ECAI)	Pitesti, Romania, 29-30 June, 2007
13	<i>An Internet Embedded Monitoring Unit for Telemedicine Services</i>	<u>Cr. Rotariu, H. Costin, S. Puscoci, G. Andrusac, C. Costin</u>	Euro-Mediterranean Medical Informatics and Telemedicine Conference (EMMIT)	Mangalia, May 2007

14	<i>A Telemonitoring Interface for Telemedicine Services</i>	Cr. Rotariu, H. COSTIN, S. Puşcoci, Gladiola Andruşac, C. Costin,	International Conference on Electronics, Computers and Artificial Intelligence (ECAI)	Pitesti, Romania,29-30 June, 2007
15	<i>An embedded telemonitoring unit for telemedicine services</i>	<u>Cr. Rotariu</u> <u>H. COSTIN</u> , ş.a	Conferinta Internationala MediTech	Cluj-Napoca, sept. 2007
16	<i>Hybrid genetic-algorithm / branch & bound technique to solve a time-dependent transportation problem</i>	<u>Brudaru O.</u> , <u>Valmar, B.</u>	6th Eurosim Congress on Modelling and Simulation	Slovenia, Sept. 9-13, 2007.
17	<i>Designing Hyper-heuristic Methods: Opportunities and Challenges</i>	Copaceanu, C., <u>Brudaru, O.</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
18	<i>Nonlinear Analysis of Heart Rate Regularity Correlated with Sleep Apnea and Cardiovascular Disease</i>	<u>C. Grigoraş</u> , V, Grigoraş, D. Boişteanu	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
19	<i>Identifying Sleep Disorder by Means of Chaos Control</i>	V, Grigoraş, <u>C.</u> <u>Grigoraş</u>	9th WSEAS International Conference on Non-linear Analysis, Non-linear Systems and Chaos (NOLASC)	Arcachon, France, October 13-15, 2007
20	<i>Improving Noninvasive Monitoring in Medical Care</i>	<u>M. Costin</u> , O.Baltag, A.Ciobanu, C. Stefanescu, D. Costandache,	5th IEEE International Conference on Computational Cybernetics	Gammarth, Tunisia,19-21 oct. 2007
21	An EEG Coherence Based Method Used for Mental Tasks Classification	<u>D.M.Dobrea</u> , <u>M.C.</u> <u>Dobrea</u> , <u>M.Costin</u>	5th IEEE International Conference on Computational Cybernetics	Gammarth, Tunisia,19-21 oct. 2007
22	<i>Medical Image Processing Useful Tool in Cancer Diagnosis</i>	<u>M. Costin</u> , O. Baltag, C. Stefanescu, C. Costin	7th WSEAS International Conference on Applied Computer Science (ACS'07)	Venetia. Italia, 21 -23 noiembrie 2007
23	Studies on the Prosody of the Romanian Language: The Emotional Prosody and the Prosody of Double-Subject Sentences	<u>Teodorescu, H-N</u> , Feraru, M., <u>Trandabăt, D.</u>	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iaşi, Romania, May 10-12, 2007
24	Implementation of the "difference method" for pitch detection and results"	<u>M. Zbancioc</u>	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iaşi, Romania, May 10-12, 2007
25	Using graphs theory to improve the structure of the Sounds Archive for the Romanian Language web site	<u>H.N.Teodorescu</u> , <u>L.Pistol</u>	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iaşi, Romania, May 10-12, 2007
26	New data on the characterization of emotional speech	<u>H.-N Teodorescu</u> , M. Feraru	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iaşi, Romania, May 10-12, 2007
27	The Digital Form of the Thesaurus Dictionary of the Romanian Language.	<u>Cristea, D.</u> , ş.a .	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iaşi, Romania, May 10-12, 2007
28	<i>Module for generating the F0 Contour using as input a Text structured by prosodic information</i>	<u>Apopei V, D. Jitca</u>	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iaşi, Romania, May 10-12, 2007
29	On Pattern Formation in Inertial CNN's	L. Goraş, I. Alecsandrescu, P. Ungureanu	the 8-th International Symposium on Signals, Circuits and Systems, ISSCS 2007	Iasi, Romania, July 12-13, 2007

30	On the Tuning Possibilities of a RF Bandpass Filter with Simulated Inductor	Cristian Andriesei, Liviu Goras	International Conference on Semiconductors	Sinaia, Romania, 15-17 October 2007
31	Burst Mode Switching Mechanism for an Inductorless DC-DC Converter	M. Budaes, Liviu Goras	International Conference on Semiconductors	Sinaia, Romania, 15-17 October 2007
32	<i>An Averaging Small-Signal Model for a DC-DC Switched Capacitor Converter</i>	M. Budaes and Liviu Goras	International Conference on Semiconductors	Sinaia, Romania, 15-17 October 2007
33	<i>Temperature Distribution Computing System for 2D domains</i>	D.Diaconu-Sotropa, I. Pavaloi,	International Symposium Computational Civil Engineering	Iasi, Romania, May 25, 2007
34	<i>Enhanced feature extraction for hand-eye calibration</i>	F.Rotaru, I.Pavaloi, S. Bejinariu, C.Nita	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
35	<i>WinFidias System – General Overview of WinFidias System for Calculation of Temperatures Distribution</i>	D.Diaconu-Sotropa, I. Pavaloi, F. Rotaru, C, Nita	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
36	“Parallelizing neuro-fuzzy economic models in a GRID environment”	<u>M. Zbancioc,</u> <u>H.N.Teodorescu</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
37	“Parallel Algorithms underlying some MPI calls implementations”	<u>Laura Pistol</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
38	Spectral Capacitive Position and Force Multi-Sensor Systems for BioMedical Measurements.	<u>H.N.Teodorescu</u>	“Smart BioMedical and Physiological Sensor Technology V” Conference	9-12 September 2007 at the Seaport World Trade Center in Boston, MA USA
39	Cinematic Equations For A Capacitor With Mobile Electrodes, With Applications To Capacitive Measurements	<u>H.N.Teodorescu</u>	A XIX-a Conferinta Internațională de Inventică “Cercetări și Tehnologii Inovative Performante”	Iași, România, 5-8 Iulie 2007
40	“Parallelizing Computation for Fuzzy Coupled map Networks –A Preliminary Approach”	<u>H.N.Teodorescu,</u> <u>Mihaela Hnatiuc</u>	16 th International Conference on Control Systems and Computer Science,	București, România, 22-28 May, 2007
41	Modeling with Coupled Neuro-Fuzzy Map Lattices of Economic and Biological Processes	<u>H.N.Teodorescu</u>	ICCS Conference,	Boston 28 oct. – 2 nov., 2007
42	Parallelizing Dynamic Models Based on Fuzzy Coupled Map Networks	<u>H.N.Teodorescu</u>	IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications	Dortmund, Germany, 6-8 September 2007
43	High Accuracy Acceleration Measuring Modules with improved Signal Processing Capabilities	<u>H.N.Teodorescu,</u> M. Hagan	IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications	Dortmund, Germany, 6-8 September 2007
44	Tactile System for Information Transmission in Visual-Aid	Cătălin Iov, <u>H.N.Teodorescu</u>	2st International Conference on Electronics, Computers and Artificial Intelligence ECAI2007	Pitești, România, 29-30 June, 2007

45	Parallelizing Algorithms for the Pitch Detection	<u>H.N.Teodorescu, M. Zbancioc</u>	2st International Conference on Electronics, Computers and Artificial Intelligence ECAI2007	Pitești, România, 29-30 June, 2007
46	“Using Graphs to Improve the Structure of a Web Site”	<u>H.N.Teodorescu, Laura Pistol</u>	2st International Conference on Electronics, Computers and Artificial Intelligence ECAI2007	Pitești, România, 29-30 June, 2007
47	“Parallelizing and distributing computation for fuzzy economic models”	<u>H.N.Teodorescu, M. Zbancioc</u>	16 th International Conference on Control Systems and Computer Science,	București, România , 22-28 May, 2007
48	Epipolar Geometry in a Non-Invasive Breast Cancer Diagnosis System	<u>M. Costin, O. Baltag, A. Ignat, S.Bejinariu, F. Rotaru, C. Ștefănescu</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
49	Combining Various Biometric Technologies Based on a Special Nonlinear Metric	<u>T. Barbu, M. Costin</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
50	Installation for a Microwave Non-Invasive Breast Cancer Diagnosis System	<u>O. Baltag, M. Costin, C. Ștefănescu, A. Ciobanu, S. Bejinariu, D.Costandache</u>	9th International Symposium on Automatic Control and Computer Science (SACCS)	Iasi, Romania, Nov.16 - 18, 2007
51	Microwave Medical Imaging in a Non-Invasive Breast Cancer Diagnosis System	<u>M.Costin, O.Baltag, C.Ștefănescu, A. Ciobanu, S.Bejinariu</u>	7th WSEAS International Conference on Applied Computer Science(ACS'07	Venice, Italy, Nov. 21-23, 2007
52	<i>Distributed Segregative Genetic Algorithm for Solving Fuzzy Equations</i>	<u>Brudaru, O., Buzatu, O</u>	International Conference on Parallel Processing and Applied Mathematics, PPAM 2007	Gdańsk, Poland, Sep. 9-12, 2007
53	Syntax-Prosody Interface for Romanian within Information Structure Theories	<u>N.Curteanu, D.Trandabăt, M. A. Moruz</u>	SpeD 2007 - 4th Conference on Speech Technology and Human Dialogue	Iași, Romania, May 10-12, 2007
54	<i>Designing fast and accurate fuzzy approximators with Kohonen networks and genetic algorithms</i>	Brudaru, O., Buzatu O.	International Symposium on Symbolic and Numeric Algorithms for Scientific Computing	September 26-29 2007, Timisoara, Romania.
55	The Service Layer of the Academic Grid GRAI	Craus, M. <u>Teodorescu, H.N., Croitoru, C., Brudaru, O., Arotaritei, D., Calin, M., Archip, A</u>	<i>16th International Conference on Control Systems and Computer Science,</i>	May 22-25, 2007, Bucharest
56	<i>Genetic Algorithm For Designing Fuzzy Rational Approximators</i>	<u>Brudaru, O., Buzatu, O.</u>	The 5 th IFAC (International Federation of Automatic Control) Intl. WS DECOM-TT	May 17-20, 2007, Cesme, Turkey

2006

Nr. crt	Lucrarea	Autori	Conferinta	Locul si Data
1	<i>A set of Intonational Category for Romanian Speech and Text Annotation</i>	<u>Apopei V, Jitcă D</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
2	<i>Median Filter Implementation for Accelerometer Data Using PIC16C77x Microcontroller</i>	<u>Apopei V, Jitcă D</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept. 2006
3	<i>The Structure and Parsing of Romanian Verbal Group and Predicate</i>	<u>Curteanu, Neculai; Mihai Moruz; Diana Trandabăt; Cecilia Bolea; Iustin Dornescu</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006

4	<i>Affine and Metric Rectifications of the Planar Scenes Images</i>	<u>F. Rotaru, D. Galea, I. Pavaloi, A. Ciobanu, C.D. Nita</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
5	<i>Propagation of subthreshold synaptic responses along the apical tree of a layer 5 burst firing neocortical neuron</i>	<u>Păduraru O.</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
6	<i>Information Management in Archeological Atlases</i>	<u>R. Luca, C.D. Niță, E. Muscă, C. Lazăr</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
7	<i>Electronic Linguistic Atlases. Tools for Information Analysis</i>	<u>S. Bejinariu, V. Apopei, R. Luca, F. Olariu, L. Botosineanu</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
8	<i>Digital encryption using discrete chaotic systems</i>	<u>V. Grigoras, C. Grigoras</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
9	<i>Comparative Analysis of Various Sensors and Input Circuitry for Plantar Pressure Measurements and Insole Sensor System Applications</i>	<u>H.N.Teodorescu, Marius Hagan, Adrian Verbata, Florin Axinte</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept.2006
10	<i>Medical image analysis and representation using a fuzzy and rule-based hybrid approach</i>	<u>COSTIN, H., Cr. Rotariu</u>	International Conference on Computers, Communications & Control (ICCCC)	Băile Felix, România, 1-3 iunie, 2006
11	<i>Telemonitoring system for complex telemedicine services</i>	<u>COSTIN, H., S. Pușcoci, et al.</u>	International Conference on Computers, Communications & Control (ICCCC)	Băile Felix, România, 1-3 iunie, 2006
12	<i>Formalizing Peer-to-Peer Systems based on Content Addressable Network</i>	<u>Iftene, A., G. Ciobanu</u>	International Conference on Computers, Communications & Control (ICCCC)	Băile Felix, România, 1-3 iunie, 2006
13	<i>A Complex Biometric System for Person Verification and Identification through Face, Fingerprint and Voice Recognition</i>	<u>COSTIN, H., I. Ciocoiu, T. Barbu, Cr. Rotariu</u>	International Conference on Mathematics & Informatics (ICMI45)	Bacău, România, 18-20 sept. 2006
14	<i>Chaos encryption method based on large signal modulation</i>	<u>V. Grigoras, C. Grigoras</u>	5th WSEAS International Conference on Non-linear Analysis, Non-linear Systems and Chaos (NOLASC)	București, Romania, Oct 16-18, 2006
15	<i>A Programming Perspective of the Membrane Systems. Invited talk</i>	<u>G.Ciobanu</u>	International Conference on Computers, Communications & Control (ICCCC)	Băile Felix, Oradea, România, 1-3 iunie, 2006
16	<i>Through Biometric Card in Romania: Person Identification by Face, Fingerprint and Voice Recognition</i>	<u>Costin, H, I. Ciocoiu, T. Barbu, Cr. Rotariu</u>	International Conference on Computer and Information Science and Engineering (CISE)	Dec. 8-10, 2006, Cairo, Egypt
17	<i>A multimedia Telemonitoring Network for Healthcare</i>	<u>COSTIN, H., S. Pușcoci, Cr. Rotariu, B. Dionisie</u>	International Conference on Computer and Information Science and Engineering (CISE)	Dec. 8-10, 2006, Cairo, Egypt
18	<i>Telemonitoring System for Complex Telemedicine Services</i>	<u>COSTIN, H., S. Pușcoci, Cr. Rotariu, B. Dionisie, Roxana Ciofea</u>	e-Government & e-Health 3rd International Conference and Exhibition (eGeH)	Milano, Italia, 7-9 iulie, 2006

19	<i>Anaphora resolution: framework, creation of resources, and evaluation</i>	<u>Cristea, D.</u> , Postolache, O.	Fifth International Conference on Formal Approaches to South Slavic and Balkan Languages	18-20 October 2006, Sofia, Bulgaria
20	<i>Temporality in Relation with Discourse Structure</i>	Forăscu, C., Pistol, I., <u>Cristea, D.</u>	International Conference on Language Resources and Evaluation (LREC)	Geneva, Italia, 22-28 mai, 2006
21	<i>Transferring Coreference Chains through Word Alignment</i>	Postolache, O., <u>Cristea, D.</u> , Orasan, C	International Conference on Language Resources and Evaluation (LREC)	Geneva, Italia, 22-28 mai, 2006
22	Developing a Question Answering System for the Romanian-English Track at CLEF 2006	Puscasu, G., Iftene, A., Pistol, I., Balaşa, D., Tufiş, D., Ceauşu, A., Stăfănescu, D., Orasan, C., Dornescu, I., Ion, R., <u>Cristea, D</u>	Cross-Language Evaluation Forum (CLEF2006)	Alicante, Spain, 20-22 Sept.2006
23	<i>Barbed Bisimulations for Timed Distributed pi-calculus</i>	<u>G.Ciobanu</u> , <u>C.Prisacariu</u>	2nd International Conference on Intelligent Computer Communication and Processing (ICCP)	Cluj, Romania, 1-2 septembrie 2006
24	<i>Coordination and Self-Organization in MultiAgent Systems</i>	<u>G.Ciobanu</u>	6th International Conference on Intelligent Systems Design and Applications (ISDA)	Jinan, Shandong, China, 16-18 octombrie 2006
25	<i>Compositional Asynchronous Membrane Systems</i>	C.Bonchis, C.Izbasa, <u>G. Ciobanu</u>	1st International conference on Bio-inspired Computing: Theory and Applications (BIC-TA)	Wuhan, China, 18-22 sept. 2006
26	<i>Probabilistic Transitions for P Systems</i>	<u>G. Ciobanu</u> , <u>L.Cornacel</u>	1st International conference on Bio-inspired Computing: Theory and Applications (BIC-TA)	Wuhan, China, 18-22 sept. 2006
27	<i>Occlusal Sounds Analysis Revisited</i>	<u>H.N. Teodorescu</u>	3rd International Conference on Medical Signal and Information Processing (MEDSIP)	Glasgow, UK, 17-19 iulie 2006
28	<i>Improved Decision Block For Genomic Sequence Classification</i>	<u>HN Teodorescu</u> , L. Fira	18th International EURASIP Conference (BIOSIGNAL 2006)	Brno, CEHIA. 28-30 iun. 2006
29	<i>Nonlinear Assessment of Professional Voice 'Pleasantness'</i>	<u>Horia-Nicolai Teodorescu</u> , Monica Feraru, D. Trandabat	18th International EURASIP Conference (BIOSIGNAL 2006)	Brno, CEHIA. 28-30 iun. 2006
30	<i>Results with An Efficient Image Filter for Impulsive Noise Removal</i>	R. Ganea, <u>H.N. Teodorescu</u>	18th International EURASIP Conference (BIOSIGNAL 2006)	Brno, CEHIA. 28-30 iun. 2006
31	<i>An Adaptive Heuristic Filter for Acceleration Measurements in Planetary Atmosphere</i>	<u>Horia-Nicolai Teodorescu</u>	First NASA/ESA Conference on Adaptive Hardware and Systems (AHS)	Istanbul, Turcia 15-18 iun, 2006
32	<i>Moment-based image recognition approach</i>	<u>T. Barbu</u>	WSEAS International Conference on Computers	Vouliagmeni, Athens, Greece, July 13-15, 2006
33	<i>Automatic Voice Emotional Evaluation</i>	V. Balas, <u>M. Costin</u> , D. Balas-Timar	6th International Conference on Recent Advances in Soft Computing (RASC)	Canterbury, UK, 10-12 July, 2006
34	<i>A CAM turning model based on CAD revolving Feature</i>	G. Muscă, <u>E. Muscă</u>	International Science and Engineering Conference	Sevastopol, Ucraina,

			Machine-Building and Technosphere of the XXI Century	11-16 sept. 2006
35	<i>A novel automatic image recognition technique</i>	<u>T. Barbu</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept. 2006
36	<i>Speech Technology and Bio-Medical Engineering Teaching Based on the Web – A New Tool and Case Study</i>	<u>H.N. Teodorescu, M. Zbancioc, E. Mihailescu</u>	International Conference on Interactive Computed Aided Learning, ICL	2006, Sept.27- 29, Villach, Austria
37	<i>Recurent Fuzzy Economic Models – Teodorescu Model</i>	<u>M. Zbancioc</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept. 2006
38	<i>Tools for the Archive of the Romanian Language Sounds Project</i>	<u>M. Zbancioc</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept. 2006
39	<i>The Emotional Annotation for Romanian Language</i>	Feraru, M., <u>Trandabăt, D.</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept. 2006
40	<i>An algorithm for the human behaviour classification using an intelligent mattress</i>	<u>Mihaela Hnatiuc, Jean-Guy Fontaine</u>	European Conference on Intelligent Systems and Technologies (ECIT)	Iași, Romania, 20-23 sept. 2006
41	<i>Classifying neural activity by means of nonlinear principal component analysis representations</i>	<u>C. Grigoras, V. Grigoras</u>	5th European Symp. on Biomedical Engineering (ESBME)	Patras, Grecia, 7-9 iulie 2006
42	<i>Theory and Practice of Programming Applied to Membrane Systems. Invited talk</i>	<u>G. Ciobanu</u>	8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)	Timisoara, Romania, 26-29 sept. 2006
43	<i>Specifications and Verification of Network Protocols by Process Algebra</i>	<u>G.Ciobanu, K.N.Sridhar</u>	8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing	Timisoara, Romania, 26-29 septembrie 2006
44	<i>On Rotation Invariant Texture Classification Using Two-Grid Coupled CNNs</i>	P.Ungureanu, E. David, L.Goras	Neurel 2006,	Belgrade, September 25-27, 2006
45	<i>On the Feature Extraction Performances of CNN Gabor-Type Filters in Texture Recognition Applications</i>	E. David, P.Ungureanu, L.Goras	The 10th IEEE International Workshop on Cellular Neural Networks and their Applications,	Istanbul, Turkey, August 28 – 30, 2006
46	<i>Compressed Heartbeat Using Skeleton and Codebook</i>	M. Negoită (Fira), C. Andriesi, L. Goraș	5-th European Symposium on Biomedical Engineering	Patras, Greece,7-9 July 2006
47	<i>Results on Original and Compressed Heartbeats Classification using Multi-Layer Perceptron</i>	M. Negoita (Fira), Liviu Goraș	5-th European Symposium on Biomedical Engineering	Patras, Greece,7-9 July 2006
48	<i>Some Important Speaker Recognition Clues</i>	<u>M. Costin, V. E. Balas</u>	International Symposium "Research and Education in Innovation Era"	Arad, 16-18 November 2006
49	<i>On Stability of Fuzzy Systems</i>	V. E. Balas, <u>M. Costin</u>	International Symposium "Research and Education in Innovation Era"	Arad, 16-18 November 2006
50	<i>A Corpus of the Sounds in the Romanian Spoken Language for Language-Related Education</i>	<u>H.N. Teodorescu, D. Trandabat, M. Feraru, M. Zbancioc, R. Luca</u>	International Conference on Human and Material Resources in Foreign Language Learning	Murcia, Spania, 12-14 iulie 2006,
51	<i>Occlusal sound analysis revisited</i>	<u>Teodorescu, H.-N.</u>	IET Conference 3rd International Conference	Glasgow, UK, 17-19 July 2006,

			MEDSIP 2006	
52	The Analysis Methods of the Pressing Force on the “Intelligent” Mattress	<u>Mihaela Hnatiuc</u> , Jean-Guy Fontaine	Symposium on Mathematics Applied in Biology and Biophysics	Iași, 16-17 iunie, 2006
53	Nonlinear Assessment of the Professional Voice ‘Pleasantness’	<u>Teodorescu, H.N.</u> , Feraru, M., <u>Trandabăt, D.</u>	the 18th Biennial International EURASIP Conference BIOSIGNAL	Brno, iunie 2006

2005

Nr. crt	Lucrarea	Autori	Conferinta	Locul si Data
1	<i>Topological Spaces of the Web</i>	<u>G.Ciobanu, D.Rusu</u>	14th International World Wide Web Conference	Chiba, Japonia, 10-14 mai 2005
2	<i>Rational and irrational divergence of partial recursive functions</i>	<u>G.Ciobanu</u>	ASL European Meeting - Logic Colloquium'05	Atena, Grecia, 28 iulie - 3 august 2005
3	<i>On a Compression Algorithm for ECG Signals</i>	Monica Fira (Negoita), <u>Liviu Goras</u>	European Signal Processing Conference (ESIPCO)	Antalya, Turcia, September 4-8, 2005
4	<i>A New Compression Algorithm for ECG Signals</i>	Monica Fira (Negoita), <u>Liviu Goras</u>	The International Conference on "Computer as a tool" (EUROCON)	Sava Center, Belgrade, Serbia & Montenegro, 21-24 Nov. 2005
5	<i>Fuzzy Logic and Knowledge-Based Biomedical Image Segmentation</i>	<u>H. Costin, Cr. Rotariu</u>	The First East European Conference on Health Care Modelling and Computation (HCMC)	Craiova, Romania, 31 aug. - 2 sept. 2005
6	<i>Hybrid Decision Model for Operational Flow Scheduling</i>	<u>Mihaela Costin</u> , Ștefan Dumbravă, Adrian Brezulianu	International Conference on Computer Systems and Technologies (CompSysTech)	16-17 June 2005, Varna, Bulgaria
7	<i>A Three-tier Software Architecture for Manufacturing Activity Control in ERP Concept</i>	Ștefan Dumbrava, Doru Panescu and <u>Mihaela Costin</u>	International Conference on Computer Systems and Technologies (CompSysTech)	16-17 June 2005, Varna, Bulgaria
8	<i>Material Selection in Design</i>	Musca Gavril, <u>Musca Elena</u>	International Conference of Scientific Papers “Modern Technologies Quality, Restructuration”	Chișinău, Republica Moldova, 18-21 mai, 2005
9	<i>Interface Process in CAD and CAM Feature</i>	Musca Gavril, <u>Musca Elena</u>	International Conference of Scientific Papers “Modern Technologies Quality, Restructuration”	Chișinău, Republica Moldova, 18-21 mai, 2005
10	<i>Manufacturing Feature Recognition in Mechanical Design</i>	Musca Gavril, <u>Musca Elena</u>	International Scientific and Technical Conference	Sevastopol, Ucraina, 12-17 septembrie, 2005
11	<i>Hysteretic neural networks for EEG features representation</i>	<u>C.Grigoraș</u> , A. Lazăr	3rd European Medical and Biological Engineering Conference (EMBEC)	Prague (Czech Republic): Nov. 20 - 25, 2005
12	<i>Both Chaotic and Harmonic Signals Generation: Closing the Loop Around the Duffing System</i>	V. Grigoraș, <u>C. Grigoras</u>	5th WSEAS International Conference on Signal, Speech and Image Processing (SSIP)	Corfu, Grecia, 17-19 aug. 2005

13	<i>Intelligent Sensor, Monitoring and Control Systems Based on Nonlinear Dynamics for Spatial Environments.</i>	<u>Horia-Nicolai Teodorescu</u> , Ciprian Zamfir	International Conference On Environmental Systems	Rome, Italy, July, 11-14 2005
14	<i>Correlation between the information access time and the benefits the commercial player obtain, in a fuzzy network model</i>	<u>Horia-Nicolai Teodorescu</u> , <u>Marius Zbancioc</u>	1st International Conference on Electronics, Computers and Artificial Intelligence (ECAI)	Pitești, România, 1-2 July, 2005
15	<i>Recurrent Fuzzy Rules (Teodorescu's Fuzzy Systems) in Economic Process Modelling</i>	<u>Marius Zbancioc</u>	15th International Conference on Control Systems and Computer Science (CSCS)	București, România 15, 25-27 May, 2005
16	<i>Neural Network Implementation of a Decision Block for the Evaluation of Genomic Sequences Recognition Scores</i>	L.I. Fira, <u>H.N. Teodorescu</u>	15th International Conference on Control Systems and Computer Science (CSCS)	București, România 15, 25-27 May, 2005
17	<i>A Load Balance Strategy for P2P Networks</i>	M.Craus and <u>C. Bulancea</u>	9th WSEAS International Conference on Computers	Vouliagmeni, Athens, Greece, July 14-16, 2005
18	<i>Assesment of Voice quality based on nonlinear dynamic analysis</i>	<u>H. N Teodorescu</u> , R. Ganea, M. Feraru, A. Burlui	15th International Conference on Control Systems and Computer Science (CSCS)	București, România 15, 25-27 May, 2005
19	<i>Simplified "Sinh" Current Mode Lossy ELIN Integrator</i>	R.G. Bozomitu, <u>L. Goras</u>	International Symposium on Signal, Circuits & Systems (ISSCS)	Iasi, Romania, 14-15 iulie 2005
20	<i>On Speech Signals Reconstruction from Local Extreme Values</i>	Marius Budaes, <u>Liviu Goras</u>	International Symposium on Signal, Circuits & Systems (ISSCS)	Iasi, Romania, 14-15 iulie 2005
21	<i>Global Optimization in Complex, Circuits Design</i>	C.Pruteanu, C.G.Haba, <u>D. Gâlea</u>	International Symposium on Signal, Circuits & Systems (ISSCS)	Iasi, Romania, 14-15 iulie 2005
22	<i>Automatic Feature Selection for Textile Defects Discrimination</i>	<u>T.D. Teodorescu</u> , R. Chirita	International Symposium on Signal, Circuits & Systems (ISSCS)	Iasi, Romania, 14-15 iulie 2005
23	<i>Content-based Video Recognition Technique using a Nonlinear Metric</i>	<u>Tudor Barbu</u>	47th International Symposium ELMAR-2005 focused on Multimedia Systems and Applications	Zadar, Croatia, 8-10 iunie 2005
24	<i>Implementation of Stress and Emotion Rendering Rules in Synthesized Speech</i>	V. Apopei, D. Jitcă, H.N.Teodorescu	SpeD 2005 - 3th Conference on Speech Technology and Human Dialogue	Cluj-Napoca, Romania, May 13-15, 2005
25	<i>Romanian Intonational Annotation Based on Tone Sequence Model</i>	Apopei V., Jitca D	SASM 2005,	Iasi, Romania, May 5-7, 2005
26	<i>Dynamics of Fuzzy Models for Market Players</i>	Horia-Nicolai Teodorescu, Marius Zbancioc	IEEE International Workshop on Soft Computing Applications,	Szeged-Hungary și Arad-România, 27-30 August 2005
27	<i>Image Processing in Pulmonary Disease Diagnosis</i>	<u>M. Costin</u> , C. Stefanescu, <u>D. Galea</u> , <u>M. Zbancioc</u>	IEEE International Workshop on Soft Computing Applications,	Szeged-Hungary și Arad-România, 27-30 August 2005
28	<i>Neuromorphic Ommatidium Based on Nonlinear Dynamic Systems</i>	<u>Horia-Nicolai Teodorescu</u> , Ciprian Zamfir	IEEE International Workshop on Soft Computing Applications,	Szeged-Hungary și Arad-România, 27-30 August 2005

29	Aproposed theory in prosody generation and perception: th multi-dimnsional contextual integration principle of prosody	<u>Horia-Nicolai Teodorescu</u>	SpeD 2005 - 3th Conference on Speech Technology and Human Dialogue	Cluj-Napoca, Romania, May 13-15, 2005
----	--	---------------------------------	--	---------------------------------------

Anexa 5.3.

Modele fizice, modele experimentale, modele functionale, prototipuri, normative, proceduri, metodologii, reglementari si planuri tehnice noi sau perfectionate, realizate în cadrul programelor nationale sau comandate de beneficiar

Nr. crt	Proiect de cercetare Contract	Rezultat	luna
0	1	2	3
2007			
1	„Grid Academic pentru Aplicații complexe”, Contract 74 CEEEX-II03/31.07.2006	„AppGen3D”, Sistem distribuit pentru generarea modelului 3D al suprafețelor de teren,	Noiembrie 2007
2	„Grid Academic pentru Aplicații complexe”, Contract 74 CEEEX-II03/31.07.2006	„3D_View”, Aplicație pentru vizualizarea modelelor 3D	Noiembrie, 2007
3	„Metode și tehnici ne-invazive cu microunde pentru detecția timpurie a cancerului de sân – CANCERDET” Proiect CEEEX nr. 20/ 2005	„BCT_IP”, Aplicație pentru analiza și procesarea imaginilor termografice	Noiembrie, 2007
4	CEEEX Subcontract 76-2/2006 "Metode computationale de înalta performanță în modelarea și proiectarea materialelor nanomagnetice"	Aplicație pentru optimizarea rețelelor de distribuție	30.04.2007
5	CEEEX Subcontract 76-2/2006 "Metode computationale de înalta performanță în modelarea și proiectarea materialelor nanomagnetice"	Aplicație pentru optimizarea rutelor de transport	20.10.2007
6	Modelare și Conducere Automată utilizând Instrumente ale Inteligenței Artificiale pentru Aplicații în Chimie și Inginerie de Proces contractul nr. 71006 /18.09.2007 Beneficiar INMP	Aspecte teoretice de optimizare a proceselor chimice cu metode de soft-computing	Dec. 2007
7	Proiect PNCDI2 - PC eDTLR – Dicționarul Tezaur al Limbii Române în format electronic contract nr. 91_013/18.09.2007 Beneficiar INMP	Starea actuală a unui parser Java pe articole DEX	Dec. 2007
8	GRID academic pentru aplicații complexe Contract Nr. 74 CEEEX-II03/31.07.2006 Beneficiar: Ministerul Educației și Cercetării	Servicii demonstrative implementate și testate - coduri sursă.	Noiembrie, 2007
9	Proiect prioritar al Academiei Române	Analiza emotivității în voce - elemente fundamentale și metodologie ; Modele și aplicații (C++) de detecție automată a formantilor în semnalul vocal ; Modele pentru analiza mecanismelor biofizice specifice neuronilor biologici, inclusiv de tip "burst firing"	Iunie 2007
2006			
1	CEEEX Subcontract 76-2/2006 "Metode computazionale de înalta performanță în modelarea și proiectarea materialelor nanomagnetice"	Aplicație pentru optimizarea sistemelor de asamblare cu algoritmi genetici hibridi	30.11.2006
2	CEEEX Subcontract 76-2/2006 "Metode computazionale de înalta performanță în modelarea și proiectarea materialelor nanomagnetice"	Aplicație pentru optimizarea partiționării districtuale	30.11.2006
3	Proiect prioritar al Academiei Române	Protocol de înregistrare, Fișa vorbitor, Chestionar, Baza de date pentru sunetele limbii române, Baza de date emoțională, Metodologia de analiză, Instrumente de analiză - documentație, cod sursă, metoda	Noiembrie 2006

4	Analiza comportării sistemelor bazate pe cunoștințe fuzzy cu un nou tip de reguli (reguli recurente, modelul Teodorescu) și aplicații în medicină și economie GAR 141/2006 Beneficiar: Academia Română	Dezvoltarea unor instrumente informatice de implementare a modelelor într-un limbaj de nivel înalt (C++); Optimizarea pachetului software și studiul comportării modelelor pentru diverse tipuri de logici ne-crisipiene	Noiembrie 2006
2005			
1	Modele pentru sisteme senzoriale și de recunoaștere mari, constituite din arii ganglionare, cu capacitate de „conceptualizare și inferențiere” GAR - 152/ 2005 Beneficiar: Academia Romana	Dezvoltarea unor instrumente informatice de implementare a modelelor într-un limbaj dedicat I.A. (FuzzyCLIPS)	Noiembrie 2005
2	Sisteme de măsură accelerometrică avansate pentru investigații atmosferice cu sonde planetare Contract de cercetare: nr.41044/2004 Beneficiar: Agentia Spatiale Romana, Programul Aerospacial	Realizarea modulelor software pentru analiza datelor (pentru microcontrolerul PIC 16C774)	Noiembrie 2005

Anexa 7.3.

Lista si valoarea contractelor de cercetare nationale finantate din fonduri publice:

Nr. crt	Contractor	Proiect	durata	Valoare [RON]
1	PNCDI2	eDTLR – Dicționarul Tezaur al Limbii Române în format electronic contract nr. 91013/18.09.2007	2007-2010	215000
2	PNCDI2	Modelare și Conducere Automată utilizând Instrumente ale Inteligenței Artificiale pentru Aplicații în Chimie și Inginerie de Proces contract nr. 71006 /18.09.2007	2007-2010	250000
3	CEEX	“GRAI ACADEMIC PENTRU APLICAȚII COMPLEXE“, Contract nr. 74 CEEX-II03/31.07.2006	2006-2008	137244
4	CEEX	Software systems for geometrical and mechanical simulation (Pythagoras), Contract CEEX nr 133/2006,	2006-2008	200000
5	CEEX	Formalisme de calcul inspirate din biologia moleculara (FORMOL), Contract. 47/ 2005, CEEX	2005-2008	900000
6	CEEX	Metode și tehnici neinvazive cu microunde pentru detecția timpurie a cancerului de sân (CANCERDET) Contract nr 20/2005,	2005-2007	40000
7	CEEX	Metode Computaționale de Înaltă Performanță în Modelarea și Proiectarea Materialelor Nanomagnetice, Contract CEEX nr. 76-2/2006	2006-2008	236 000
8	CNCSIS	Modele si metode formale in calculul celular, Contract nr. 1426 /2006	2006-2007	22000+ 20000
9	GAR	Metode de analiză neliniară pentru recunoaștere de forme în traseele polisomnografice ale pacienților cu tulburări respiratorii de somn și risc cardiovascular GAR 222/12.09.2007, director de proiect Grigoraș Carmen	2007	14100
10	GAR	Analiza comportării sistemelor bazate pe cunoștințe fuzzy cu un nou tip de reguli (reguli recurente, modelul Teodorescu) și aplicații în medicină și economie GAR - 152 / 2005	2005-2006	6300
11	ROSA	Sistem de masura accelerometric avansat pentru investigari atmosferice cu sonde planetare Contract nr.41044/2004	2004-2006	15000
12	RELANSIN	Sistem software integrat pentru monitorizarea regimului juridic al terenurilor agricole, pentru fundamentarea politicilor de dezvoltare în sectoarele agricol, silvic, piscicol, hidro și protecția muncii Contract 1933/15.09.2004	2004-2006	7600
13	CERES	<i>Proiectarea și realizarea unei platforme software pentru implementarea și testarea tehnicilor de modelare și optimizare în inginerie și management,</i> Subcontract nr. 1/15.01.2003 între Universitatea Tehnică "Gh. Asachi" Iași și Academia Română, Filiala Iași, Institutul de Informatică Teoretică	2003-2004	8400
14	Proiect fundamental AR	Cercetări fundamentale pentru dezvoltarea componentei cognitive a Infrastructurii Naționale de Informații Spațiale în institutele Academiei Române	2007-2008	
15	Proiect prioritar AR	Evidența informatizată a vieții literare Românești dintre 1900-2006. Parteneri proiect Institutul de Informatică Teoretică și Institutul de Filologie Română "Al. Philippide"	2005-2006	
16	Proiect prioritar AR	Proiectarea și implementarea unui sistem integrat de aplicații software pentru editarea textelor dialectale și realizarea Atlasului Lingvistic Român pe Regiuni, Parteneri proiect Institutul de Informatică Teoretică și Institutul de Filologie Română "Al. Philippide"	2004-2007	

17	Proiect prioritar AR	Sistem informatic geografic pentru modelarea unui atlas arheologic caracteristic teritoriului românesc Parteneri proiect Institutul de Informatică Teoretică și Institutul de Arheologie	2005-2007	
18	Proiect prioritar AR	Sisteme cognitive bazate pe tehnici neurofuzzy, relevare de date (Data Mining) și descoperire de cunoștințe (Knowledge Discover); Aplicații	2003-2007	

Anexa 7 bis.

Venituri realizate din activități economice (servicii, microproducție):

Nr. crt	Contractor	Contracte de prestări servicii	durata	Valoare [RON]
1	Universitatea "Transilvania" din Brașov	Contract de prestări servicii de expertizare nr. 15025/08.12.2005	2005	7000
2	Universitatea "Transilvania" din Brașov	Contract de prestări servicii de expertizare nr. 164/16.05.2006	2006-2007	6800