

## LISTĂ DE LUCRĂRI – ETAPA III

*Articole științifice:*

*Publicate:*

1. Amarandei C.M. Archip, A., Aruștei, S. “Performance Study for MySQL Database Access within Parallel Applications”, *Workshop on Scientific and Educational Grid Applications (SE-GRID) )-- 9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*
2. Archip, A., Amarandei, C. and Mitica Craus, M., “Optimizing Association Rule Mining Algorithms using C++ STL Templates”, *Workshop on Scientific and Educational Grid Applications (SE-GRID)-- 9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*
3. Aruștei, S., Archip, A., Amarandei C.M., “Grid-enabled Visualization”, *Workshop on Scientific and Educational Grid Applications (SE-GRID) )-- 9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*
4. Arotaritei, D., Ilea, M., Turnea, M., Bradea, C., “Experiments with Parallel Approach of Stochastic Epidemic Models for Grid Service Applications”, *Workshop on Scientific and Educational Grid Applications (SE-GRID), 9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*
5. Arotaritei, D., Turnea, M., Bârleanu, A., “Mining Linguistic Graph Structures in World Wide Webs”, *9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*
6. Arotaritei, D., Turnea, M. Bradea, C., Ilea, M., “Approximation in the Diffusion Dynamics with Approach on Stochastic Epidemic Models”, *The Proceedings of the International Symposium EHB-2007, Revista Medico Chirurgicala Vol. III, Nr. 2, Supl. 2, pp. 32-35, 2007*
7. Arotaritei. D., Ilea, M., Turnea, M., Moruz, S., “Structural analysis of epidemiological models using small parameter for Complex Network” , *29-th International Conference of the Romanian Medical Informatics Society, MEDINF2007, 8-11 November 2007, Sibiu, ISSN 1843-651X, pag.198-20, 2007*
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9. Bejinariu, S., Luca, R. ”Parallel Multi-Resolution Modeling”, *Workshop on Scientific and Educational Grid Applications (SE-GRID) )-- 9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*
10. Bejinariu, S., Luca, R. “Distributed 3D Terrain Model Generation for GIS Applications”, *Workshop on Scientific and Educational Grid Applications (SE-GRID) 9th International Symposium on Automatic Control and Computer Science SACCS 2007, Iasi, Romania, November 16 - 18, 2007*

11. Breaban, M., Ionita, M., Croitoru, C., *A New PSO Approach to Constraint Satisfaction, Proceedings of the 2007 IEEE Congress on Evolutionary Computation, sept. 2007*
12. Brudaru, O., Buzatu, O., "Designing fast and accurate fuzzy approximators with Kohonen networks and genetic algorithms", 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing , September 26-29 2007, Timisoara, Romania. (IEEE Conference Publishing) .
13. Brudaru, O., Buzatu, O., "Distributed Segregative Genetic Algorithm for Solving Fuzzy Equation", *PPAM 2007 - 7th International Conference on Parallel Computing and Applied Mathematics*, September 9-12 2007, Gdansk, Polonia.(LNCS, Springer Verlag)
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15. Brudaru, O., Valmar, B., "Hybrid genetic-algorithm / branch & bound technique to solve a time-dependent transportation problem", *Proc. of 6th Eurosim Congress on Modelling and Simulation*, B. Zupancic, R. Karba, S. Blazic (eds.) Ljubljana, Slovenia, Sept. 9-13, 2007 , vol. 2, pp. 1-7
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17. Brudaru, O., Buzatu, O., "Genetic Algorithm For Designing Fuzzy Rational Approximators", *The 5<sup>th</sup> IFAC Intl. WS DECOM-TT 2007*, May 17-20, Cesme, Turkey
18. Buraga, S., Cioca, M., Cioca, L., "Grid-based Decision Support System Used in Disaster Management", *Studies in Informatics and Control, Number 3*, 2007.
19. Buraga, S., Alboaie, L., "Grid Computing in the Context of Semantic Web-based Resource Management", *The Proceedings of the Eight International Conference on Informatics in Economy*, Editura Economica, 2007.
20. Buraga, S., "User-Interaction in Social Web" (*in Romanian*), in D.M. Popovici & A. Marhan (eds.), *Proceedings of the 4<sup>th</sup> National Conference on Human-Computer Interaction – RoCHI 2007*, MATRIX ROM, Bucuresti, 2007.
21. Buraga, S., Dumitriu, S., Girdea, M., "Knowledge Management within Wiki. User-Interaction" (*in Romanian*), in D.M. Popovici & A. Marhan (eds.), *Proceedings of the 4<sup>th</sup> National Conference on Human-Computer Interaction – RoCHI 2007*, MATRIX ROM, Bucuresti, 2007.
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27. Craus, M. "A New Algorithm for Association Rule Discovery", *Workshop on Scientific and Educational Grid Applications (SE-GRID) )-- 9th International Symposium on Automatic Control and Computer Science SACCS 2007*, Iasi, Romania, November 16 - 18, 2007
28. Cristea, D., Pistol, I., Forăscu, C. "ALPE as LT4eL processing chain environment". In *Proceedings of the RANLP 2007 Workshop on Natural Language Processing and Knowledge Representation for eLearning Environments*, Paola Monachesi, Lothar Lemnitzer and Cristina Vertan (Eds.). Borovets, Bulgaria, 26 September 2007.
29. Cristea, D., Răschip, M., Forăscu, C., Haja, G., Florescu, C., Aldea, B., Dănilă, E. (2007). "The Digital Form of the Thesaurus Dictionary of the Romanian Language". In *Proceedings of the 4th International IEEE Conference SpeD 2007, "Advances in Spoken Language Technology"*, C. Burileanu, H.N. Teodorescu (Eds.) Iasi, 10-12 Mai 2007, Romanian Academy Publishing House, ISBN 978-973-27-1516-1.
30. Crisan, G.C. "Parameter adaptation for an Ant algorithm", – *Universitatea din Bacău, Studii si Cercetări Stiintifice, seria Matematică*, nr. 17, 2007 (lucrările Conferinței Nationale de Matematică si Informatică, nov. 2007, Bacău)
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34. Forăscu, C., Ion, R., Tufiş, D. "Semi-automatic Annotation of the Romanian TimeBank 1.2". In *Proceedings of the RANLP 2007 Workshop on Computer-aided language processing - CALP*; Constantin Orăsan, Sandra Kuebler (Eds.). Borovets, Bulgaria, 30 September 2007. ISBN 978-954-452-005-2.
35. Furdu I. M., „An Analysis of Hypeheuristics for OBDD’s Optimization”, *Proc. of the UK Computational Intelligence Workshop, UK, 2007*
36. Furdu I. M., "An Analysis of Heuristics for OBDD’s Optimization”, *VIII ETAI Conference, Macedonia, II-5, 2007*
37. Furdu I. M., "Ordered Binary Decision Diagrams: emerging heuristics", *Workshop on Scientific and Educational Grid Applications (SE-GRID) – 9<sup>th</sup> International Symposium on Automatic Control and Computer Science, Iasi, 16-18 nov. 2007*, "Gh. Asachi" Technical University Iasi.
38. Furdu I.M., „Genetic Algorithm for Variable Ordering of OBDD’s”, *National Conference on Mathematics and Informatics, CNMI, 2007, Bacău*

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47. Nechita, E., Crișan, G-C. "A Parallel Algorithm for Vehicle Routing Problem with Time Windows", *Workshop on Scientific and Educational Grid Applications (SE-GRID)*, Iasi, Romania, November 16-18, 2007 *Proceedings of the 9<sup>th</sup> International Symposium on Automatic Control and Computer Science*, Iași, Romania, 2007
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50. Negara, G., „Grid Adapted Algorithms for Protein Folding”, *Proceedings of the 9<sup>th</sup> Symposium on Automatic Control and Computer Science, Faculty of Automatic Control and Computer Engineering*, “Gh. Asachi” Technical University of Iasi, Romania, Nov. 16-18, 2007
51. Pistol, L., "Parallel algorithms underlying some MPI calls implementations", *Workshop on Scientific and Educational Grid Applications (SE-GRID)*, 9th

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  53. Teodorescu, H.N., "Chaos in Fuzzy and Neuro-Fuzzy Networks. Fuzzy Pattern Formation" Prezentatata la *International Conference on Complex Systems (ICCS2007)*, Boston, MA, USA, October 28-November 2, 2007
  54. Teodorescu, H.N., "Modelling with Coupled Neuro-Fuzzy Map Lattices of Biological Processes" Prezentatata la *International Conference on Complex Systems (ICCS2007)*, Boston, MA, USA, October 28-November 2, 2007
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  57. Zbancioc, M. Horia-Nicolai Teodorescu, H.N., "Parallelizing neuro-fuzzy economic models in a GRID environment", *Workshop on Scientific and Educational Grid Applications (SE-GRID)*, Iasi, Romania, November 16-18, 2007

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