

## LISTA DE LUCRĂRI – ETAPA II

Articole științifice:

Publicate:

1. Aflori, C., Craus, M. "Grid Implementation of the Apriori Algorithm", *Advances in Engineering Software*, Volume 38, Issue 5, Elsevier Ltd.
2. Arotaritei, D., Turnea, M. "A Blueprint for Epidemiological Models and Bioinformatics Services in Academic Grid for Complex Applications (GRAI)", *Proc. of 3<sup>rd</sup> Conference Euro-mediterranean Conference in Medical Informatics and Telemedicine EMMIT 2007*, May 3-5, Mangalia, Romania, 2007, pp. 273-279.
3. 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
4. Buraga, S. "Semantic Web Technologies in the Context of Agent Applications. From Design to Practical Deployment", *Advances in Electrical and Computer Engineering, Academy of Technical Sciences of Romania*, Volume 6 (13), Number 1 (25), 2006
5. Buraga, S., Rusu, T. "Using Semantic Web Technologies to Discover Resources within the Intranet of an Organization", in *D.T. Pham, E.E. Eldukhri, A.J. Soroka (eds.), Intelligent Production Machines and Systems (IPROMS)*, Elsevier, 2006
6. Călin, M., Craus, M., Filipov, F., Chiruță, C. "Involving GRID Computing in Agricultural Research". *Lucrări științifice*, vol. XXXIX, - ISSN: 1221-5279, *Simpozionul internațional "Tendințe de dezvoltare în agricultura europeană"*, Timișoara, 24-25 mai 2007
7. Cioca, M., Cioca, L., Buraga, S. "Spatial (Elements) Decision Support System Used in Disaster Management", *Inaugural IEEE International Conference on Digital Ecosystems and Technologies - DEST*, Cairns, Australia, IEEE Press, 2007
8. Craus, M. Teodorescu, H.N., Croitoru, C., Brudaru, O., Arotaritei, D., Calin, M., Archip, A. "Academic Grid for Complex Applications – GRAI", *CSCS16, 16th International Conference on Control Systems and Computer Science*, May 22-25, 2007, POLITEHNICA University of Bucharest.
9. Craus, M. Teodorescu, H.N., Croitoru, C., Brudaru, O., Arotaritei, D., Calin, M., Archip, A. "The Service Layer of the Academic Grid GRAI", *CSCS16, 16th International Conference on Control Systems and Computer Science*, May 22-25, 2007, POLITEHNICA University of Bucharest.
10. Cristea, D., Forăscu, C. "Language Resources and Technologies. The Case of Romanian". In *Readings in Multilinguality*, Bulgarian Academy of Sciences, December 2006.
11. Croitoru, C., Negara, G. "A Shared Experience Algorithm for Graph Coloring", *Acta Universitatis Cibiniensis*, Vol LV, Technical Series, 2007, p. 103- 107.
12. Dumitriu, S., Girdea, M., Buraga, S. "Knowledge Management in a Wiki Platform via Microformats", *FLAIRS 2007 Conference*, AAAI Press, 2007
13. Dumitriu, S., Girdea, M., Buraga, S. "From the Information Wiki to Knowledge Wiki via Semantic Web technologies", *International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering - CISSE 2006*, Springer, 2006

14. Iftene, A., si Balahur-Dobrescu, A. "Hypothesis Transformation and Semantic Variability Rules Used in Recognizing Textual Entailment" *In Proceedings of the Third PASCAL Challenges Workshop on Recognising Textual Entailment*, 28-29 June, Prague, Czech Republic.
15. Iftene, A., Croitoru, C. "Graph Coloring using Peer-to-Peer Networks", *Acta Universitatis Cibiniensis*, Vol LV, Technical Series, 2007, p. 33- 37.
16. Talmaciu, M., Nechita, E. "The quasi-weakly decomposition of graphs and some applications" , *Fundamenta Informaticae XXI* (2001) 1001–1012 1001 IOS Press
17. Teodorescu, H.N, M. Craus, S. Bejenariu, M. Hnatiuc, Z. Marius., GRID-GMES applications - Opportunities for the GRAI Consortium, InfoDay INSPIRE, 11-12 Dec. 2006, ROSA, Bucurest
18. Teodorescu, H.N, Zbancioc, M. "Parallelizing and Distributing Computation for Fuzzy Economic Models", *CSCS16, 16th International Conference on Control Systems and Computer Science*, May 22-25, 2007, POLITEHNICA University of Bucharest.
19. Trandabat, D. M., Semantic Frames in Romanian Natural Language Processing Systems, in *Proceedings of the NAACL-HLT 2007 Doctoral Consortium, Association for Computational Linguistics*, Rochester, New York, SUA, aprilie 2007, pp. 29--32, ISBN 1-932432-92-2.

#### Cărți:

1. Alboaie, L., Buraga, S. *Servicii Web*, Polirom, 2006
2. Cristea, D., Ioniță, M., Pistol, I. *Inteligență Artificială*. Editura Universității "A.I. Cuza", Iași, Martie 2007.
3. Forăscu, C., Tufiș, D., Cristea, D. (eds.) *Resurse lingvistice și instrumente pentru prelucrarea limbii române*. Editura Universității "A.I. Cuza", Iași, 2007, 186 pag., ISBN 978-973-703-208-9.

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#### Sesiuni organizate

Invited Session IS3. GRID AND ADVANCED COMPUTING IN APPLICATIONS  
 Session Chairs: Horia-Nicolae TEODORESCU, Mitică CRAUS – ROMÂNIA  
 ( *CSCS16, 16th International Conference on Control Systems and Computer Science*, May 22-25, 2007, POLITEHNICA University of Bucharest.)