

## Lista publicațiilor științifice

### A - teza de doctorat

*"Aplicații Multi-Agent în conducerea sistemelor complexe"*

### B - carti si capitole in carti (2001 - 2011)

### C - lucrari indexate ISI/BDI (2001 - 2011)

1. **Costea C.**, Horgos M.: AN AGENT-BASED APPROACH TO POWER SYSTEM CONTROL, Proceedings of the 11th International Conferences on Optimization of Electrical and Electronic Equipment, Braşov, 22-23 mai, 2008 pag 179-184, IEEE Catalog Number 08EX1996, [ISBN 1-4244-1544-6](#), Library of the Congress 2007905111, [ISBN 978-973-131-032-9](#), ISSN 1842-0133; *Cited by IEEE [1]*: Sathyanarayana, Bharadwaj R., Crow, Mariesa, Heydt, Gerald T., Meng, Fanjun, "Test bed evaluation of future power distribution systems with renewable resources", North American Power Symposium (NAPS), 2009, On page(s): 1 - 8, Volume: Issue: , 4-6 Oct. 2009
2. **Costea C.**, *LOAD FREQUENCY CONTROL USING MULTI-AGENT CONSENSUS*, OPTIM 2010, 12th International Conference on Power Electronics and Electrical Engineering , May 20-22, 2010.

### D - lucrari publicate in reviste si volume de conferinte cu referenti (2001 - 2011).

pentru lucrarile publicate in volume de conferinte se va face o selectie de max. 20 articole

1. **Costea C.**, ASPECTE ALE UTILIZARII LIMBAJULUI DE MARCARE XML Buletin Stiintific, Seria C, Volumul IX, Fascicola Electronica, Electrotehnica, Automatizări, pag. 13-20. Lucrările Simpozionului Științific Național cu ocazia împlinirii a 40 de ani de Invățământ Superior în Baia Mare , 15-16 Mai, 2001
2. **Costea C.** , AGENT BASED MANUFACTURING CONTROL SYSTEMS, 3rd issue of the Technological Management Scientific Bulletin, North University Baia Mare, 2006
3. **Costea C.**, Toader C., Petrovan A., AGENT BASED APPLICATIONS IN DISTRIBUTED SYSTEMS, 7th International Multidisciplinary Conference, Baia Mare, Romania, May 17-18, 2007, ISSN-1224-3264
4. Toader C., Petrovan A., **Costea C.**, BUSINESS MODELS AND SECURE WEB LEARNING ON PUBLIC KEY INFRASTRUCTURES, 7th International Multidisciplinary Conference , Baia Mare, Romania, May 17-18, 2007, ISSN-1224-3264
5. Petrovan A., Toader C., **Costea C.**, MODERN CONCEPTS IN PRODUCT DATA MANAGEMENT, 7th International Multidisciplinary Conference , Baia Mare, Romania, May 17-18, 2007, ISSN-1224-3264
6. **Costea C.**, APPLICATIONS OF MULTI-AGENT SYSTEM TECHNOLOGIES TO POWER SYSTEM, International Symposium for Design and Technology of Electronic Packages, Baia Mare, September 2007
7. **Costea C.**, AN AGENT-BASED APPROACH TO POWER SYSTEM RESTORATION, [Simpozionul Național de Electrotehnică Teoretică](#) SNET '07 Bucuresti, 12-14 octombrie 2007

8. **Costea C.**, Petrovan A.: AGENT-BASED SYSTEMS IN POWER SYSTEM CONTROL, 9th International Conference on Development and Application Systems, Suceava, Romania, May 22-24, 2008
9. **Costea C.**, AGENT-BASED SIMULATION FOR MICROGRID, 5-th International Conference on Electrical and Power Engineering (EPE 2008), October 3-5, Iasi, 2008
10. **Costea C.**, : AGENT-BASED APPLICATION IN EMBEDDED SYSTEMS, Carpathian Journal of Electronic and Computer Engineering, Volum 1, 2008 - Numar 1, ISSN 1844 – 9689
11. **Costea C.**, SELF-STABILIZING DISTRIBUTED SPANNING TREE: ON IMPLEMENTATION IN JADE, Carpathian Journal of Electronic and Computer Engineering, Volume 2, 2009 - Number 1, ISSN 1844 – 9689
12. **Costea C.**, ON DISTRIBUTED MODEL PREDICTIVE CONTROL FOR LOAD FREQUENCY PROBLEM, "Carpathian Journal of Electrical Engineering", Vol.2, 2009
13. **Costea C.**, DISTRIBUTED CONSTRAINT OPTIMIZATION IN MICROGRID OPERATIONS, Embedded System Design And Applications, 4th Edition, Baia Mare, ESDA 2010
14. Petrovan, A., **Costea, C.**, *PERT and Fuzzy PERT Methods on Project Scheduling under Uncertainty*, CARPATHIAN JOURNAL OF ELECTRONIC AND COMPUTER ENGINEERING 2010 865 ISSN 1844 - 9689

E - brevete (pentru intreaga activitate)

#### F. Citări în reviste cotate ISI

Costea C.: Horgos M.: AN AGENT-BASED APPROACH TO POWER SYSTEM CONTROL, Proceedings of the 11th International Conferences on Optimization of Electrical and Electronic Equipment, Brasov, 22-23 mai, 2008 pag 179-184, IEEE Catalog Number 08EX1996, ISBN 1-4244-1544-6, Library of the Congress 2007905111, ISBN 978-973-131-032-9, ISSN 1842-0133;

Cited by IEEE: Sathyanarayana, Bharadwaj R., Crow, Mariesa, Heydt, Gerald T., Meng, Fanjun, Test bed evaluation of future power distribution systems with renewable resources, North American Power Symposium (NAPS), 2009, On page(s): 1 - 8, Volume: Issue: , 4-6 Oct. 2009

Costea C., Petrovan A.: AGENT-BASED SYSTEMS IN POWER SYSTEM CONTROL, 9th International Conference on Development and Application Systems, Suceava, Romania, May 22-24, 2008;

Cited by IEEE : Zabet, I.; Montazeri, M.; , "Decentralized control and management systems for power industry via multiagent systems technology," *Power Engineering and Optimization Conference (PEOCO), 2010 4th International* , vol., no., pp.549-556, 23-24 June 2010

Cited by IEEE : Zabet, I.; Montazeri, M.; , "Implementing cooperative agent-based protection and outage management system for power distribution network control," *Power Engineering and Optimization Conference (PEOCO), 2010 4th International* , vol., no., pp.318-324, 23-24 June 2010

#### G. Citări în reviste indexate în baze de date internaționale și teze de doctorat