

2018

1. Marcel Antal, Tudor Cioara, Ionut Anghel, Claudia Pop and Ioan Salomie, Transforming Data Centers in Active Thermal Energy Players in Nearby Neighborhoods, *Sustainability* 2018, 10, 939. **IF:1.850** [DOI](#)
2. Claudia Pop, Tudor Cioara, Marcel Antal, Ionut Anghel, Ioan Salomie and Massimo Bertoncini, Blockchain Based Decentralized Management of Demand Response Programs in Smart Energy Grids, *Sensors* 2018, 18(1), 162. **IF:2.677** [DOI](#)
3. Tudor Cioara, Ionut Anghel, Ioan Salomie, Lina Barakat, Simon Miles, Dianne Reidlinger, Adel Taweel, Ciprian Dobre, Florin Pop, Expert system for nutrition care process of older adults, *Future Generation Computer Systems*, Volume 80, March 2018, Pages 368-383, ISSN 0167-739X. **IF:4.787** [DOI](#)
4. Tudor Cioara, Ionut Anghel, Massimo Bertoncini, Ioan Salomie, Diego Arnone, Marzia Mammina, Terpsi Velivassaki, Marcel Antal, Optimized Flexibility Management enacting Data Centres Participation in Smart Demand Response Programs, *Future Generation Computer Systems*, Volume 78, Part 1, January 2018, Pages 330-342. **IF:4.787** [DOI](#)
5. Dorin Moldovan, Marcel Antal, Claudia Pop, Adrian Olosutean, Tudor Cioara, Ionut Anghel, and Ioan Salomie, Spark-based Classification Algorithms for Daily Living Activities, 7th Computer Science Online Conference 2018, <https://www.openpublish.eu/>
6. Ionut Anghel, Tudor Cioara, Terpsi Velivassaki, Massimo Bertoncini, Artemis Voulkidis, Ariel Oleksiak, Nicolas SAINTHERANT, Vasiliki Georgiadou, Maria Adele Paglia and Claudia Pop, Converting Data Centres in Energy Flexibility Ecosystems, 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPEurope).
7. Tudor Cioara, Massimo Bertoncini, Dimosthenis Ioannidis, Vincenzo Croce, Ionut Anghel, Konstantinos Votis, Claudia Pop and Luigi D'Oriano, Enabling New Technologies for Demand Response Decentralized Validation using Blockchain, 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPEurope).
8. Viorica Rozina Chifu, Emil Stefan Chifu, Cristina Bianca Pop, Ioan Salomie, Madalina Lupu, "Evolutionary-based Method for Risk Stratification of Diabetic Patients", *International Journal of Artificial Intelligence and Soft Computing*, Special Issue on: "Advances and Applications of Computational Intelligence", 2018 – accepted for publication.

2017

9. Tudor Cioara, Ionut Anghel, Ioan Salomie, Methodology for Energy Aware Adaptive Management of Virtualized Data Centers, in *Energy Efficiency*, April 2017, Volume 10, Issue 2, pp 475–498 **IF: 1.592**, [DOI](#)
10. Marcel Antal, Claudia Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie, Florin Pop, A system of systems approach for data centers optimization and integration into smart energy grids, *Future Generation Computer Systems*, Available online 24 May 2017, ISSN 0167-739X. **IF:4.787** [DOI](#)
11. Marcel Antal, Tudor Cioara, Ionut Anghel, Claudia Pop, Ioan Salomie, Massimo Bertoncini, and Diego Arnone. 2017. DC Thermal Energy Flexibility Model for Waste Heat Reuse in Nearby Neighborhoods.

- In Proceedings of the Eighth International Conference on Future Energy Systems (e-Energy '17). ACM, New York, NY, USA, 278-283 [DOI](#)
12. D. Moldovan, P. Stefan, C. Vuscan, V. R. Chifu, I. Anghel, T. Cioara, I. Salomie, Diet Generator for Elders using Cat Swarm Optimization and Wolf Search, International Conference on Advancements of Medicine and Health Care through Technology; 12th - 15th October 2016, Cluj-Napoca, Romania, IFMBE Proceedings, vol 59. Springer, pp 238-243, 2017, [DOI](#)
 13. Tudor Cioara, Ionut Anghel, Dan Valea, Ioan Salomie, Victor Sanchez Martin, Alejandro Marchena, Elisa Jimeno and Martijn Vastenburt, Adaptive Workspace Interface for Facilitating the Knowledge Transfer from Retired Elders to Start-up Companies, Ambient Assisted Living and Enhanced Living Environments: Principles, Technologies and Control, Butterworth-Heinemann, Elsevier, pp. 287-309, ISBN: 978-0-12-805195-5, 2017, [DOI](#)
 14. C. Pop, A. Craciun, C. Knoblaue, M. Antal, D. Moldovan, T. Cioara, I. Anghel and I. Salomie, "Semantic data factory: A framework for using domain knowledge in software application development," 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 21-28. ISBN: 978-1-5386-3368-7
 15. D. Moldovan, T. Cioara, I. Anghel and I. Salomie, "Machine learning for sensor-based manufacturing processes," 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 147-154. ISBN: 978-1-5386-3368-7
 16. T. Petrican, C. Stan, M. Antal, I. Salomie, T. Cioara and I. Anghel, "Ontology-based skill matching algorithms," 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 205-211. ISBN: 978-1-5386-3368-7
 17. M. Antal, C. Pop, T. Cioara, I. Anghel, I. Tamas and I. Salomie, "Proactive day-ahead data center operation scheduling for energy efficiency: Solving a MIOCP using a multi-gene genetic algorithm," 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 527-534. ISBN: 978-1-5386-3368-7
 18. M. Antal, A. Burnete, C. Pop, T. Cioara, I. Anghel and I. Salomie, "Self-adaptive task scheduler for dynamic allocation in energy efficient data centers," 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 535-541. ISBN: 978-1-5386-3368-7
 19. C. B. Pop, V. R. Chifu, I. Salomie, D. S. Racu, R. M. Bonta, "Hybridization of the Flower Pollination Algorithm - A Case Study in the Problem of Generating Healthy Nutritional Meals for Older Adults", Nature-Inspired Computing and Optimization, Volume 10 of the series Modeling and Optimization in Science and Technologies, pp 151-183, 2017.
 20. V. R. Chifu, C. B. Pop, I. Salomie, E. St. Chifu, "Hybrid Honey Bees Mating Optimization Algorithm for Identifying the Near-Optimal Solution in Web Service Composition", Computing and Informatics 36(5): 1143-1172 (2017)
 21. V. R. Chifu, E. St. Chifu, C. B. Pop, I. Salomie, A. Niculici, "Optimizing the Generation of Personalized Healthy Menus for Elderly People Using a Crab Breeding Inspired Method", 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 155 - 162, ISBN: 978-1-5386-3368-7.
 22. Emil St. Chifu, V. R. Chifu, I. Popa, I. Salomie, "A System for Detecting Professional Skills from Resumes Written in Natural Language", 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2017, pp. 189 - 196, ISBN: 978-1-5386-3368-7.

23. V. R. Chifu, E. St. Chifu, C. B. Pop, I. Salomie, M. Lupu, "Bio-Inspired Method for Generating Healthy Meals for Seniors", International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, 2017 – accepted for publication.
24. V. R. Chifu, Cristina Bianca Pop, I. Salomie, Emil Stefan Chifu, "Hybrid Honey Bees Mating Optimization Algorithm for Identifying the Near-Optimal Solution in Web Service Composition", Computing and Informatics Journal, vol. 36, no.5, 2017, pp. 1143–1172.

2016

25. Ionut Anghel, Tudor Cioara, and Ioan Salomie, Context Aware and Reinforcement Learning based Load Balancing System for Green Clouds, Resource Management for Big Data Platforms, Springer, pp. 129-144, ISBN 978-3-319-44881-7, 2016, [DOI](#)
26. Dorin Moldovan, Claudia Pop, Marcel Antal, Tudor Cioara, Ionut Anghel, Ioan Salomie, Semantic Web Application Generator – A Library for Using Ontologies as Web Services, ICCP2016, [DOI](#)
27. Marcel Antal, C. Pinteaa, E. Pinteaa, Claudia Daniela Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie, Thermal Aware Workload Consolidation in Cloud Data Centers, ICCP2016, [DOI](#)
28. Adel Taweel, Lina Barakat, Simon Miles, Tudor Cioara, Ionut Anghel, Abdel-Rahman H. Tawil, Ioan Salomie, A service-based system for malnutrition prevention and self-management, in Computer Standards & Interfaces, 2016. **IF:1.524** [DOI](#)
29. Tudor Cioara, Ionut Anghel, Ioan Salomie, Marcel Antal, Massimo Bertoncini, Diego Arnone, Optimizing the Power Factor of Data Centers Connected to the Smart Grid, 5th International workshop on energy-efficient data centres, E2DC 2016 June 21 Waterloo, Canada, [DOI](#)
30. S. Corde, V. R. Chifu, I. Salomie, E. St. Chifu, A. Iepure, Bird Mating Optimization Method for One-to-N Skill Matching, ICCP2016, Cluj-Napoca, Romania, September 2016, pp. 155-162.
31. V. R. Chifu, I. Salomie, Laura Petrisor, E. St. Chifu, Dorin Moldovan, Hybrid Immune Based Method for Generating Healthy Meals for Older Adults, SYNASC2016, Timisoara, Romania, September 2016, pp. 248-255.
32. V. R. Chifu, R. Bonta, E. St. Chifu, I. Salomie, D. Moldovan, Particle Swarm Optimization Based Method for Personalized Menu Recommendations, International Conference on Advancements of Medicine and Health Care through Technology; 12th - 15th October 2016, Cluj-Napoca, Romania pp 232-237.

2015

33. Ionut Anghel, Tudor Cioara, Ioan Salomie, ICT architecture for supporting elder employees to make conscious decisions under time pressure, The 2nd International Conference on Smart Learning Environments, September 2015, [DOI](#) [download](#)
34. Massimo Bertoncini, Diego Arnone, Tudor Cioara, Ionut Anghel, Ioan Salomie, Terpsichori Helen Velivassaki, Next Generation Data Centers Business Models Enabling Multi-Resource Integration for Smart City Optimized Energy Efficiency. e-Energy 2015: 247-252 [DOI](#)
35. Dorin Moldovan, Marcel Antal, Dan Valea, Claudia Pop, Tudor Cioara, Ionut Anghel, Ioan Salomie, Tools for Mapping Ontologies to Relational Databases: A Comparative Evaluation, ICCP 2015, [DOI](#) [download](#)

36. Claudia Pop, Dorin Moldovan, Marcel Antal, Dan Valea, Tudor Cioara, Ionut Anghel, Ioan Salomie, M2O: A Library for Using Ontologies in Software Engineering, ICCP 2015, [DOI download](#)
37. Tudor Cioara, Ionut Anghel, Marcel Antal, Sebastian Crisan, Ioan Salomie, Data center optimization methodology to maximize the usage of locally produced renewable energy. SustainIT 2015: 1-8 [DOI download](#)
38. Marcel Antal, Claudia Pop, Dan Valea, Tudor Cioara, Ionut Anghel, Ioan Salomie, Optimizing Data Centres Operation to Provide Ancillary Services On-demand, GECON 2015, Cluj-Napoca, Romania. [DOI](#)
39. V.R. Chifu, C.B. Pop, I. Salomie, "Bio-inspired Methods for Business Process Mining and Optimization, 2015, under publication", Lambert Academic Publishing, Germany.
40. E.St. Chifu, T.St. Letia, B. Budisan, V.R. Chifu, Web harvesting and sentiment analysis of consumer feedback, Acta Technica Napocensis - Electronics and Telecommunications, vol. 56, no. 3, 2015, pp. 7-14.
41. E.St. Chifu, T.St. Letia, V.R. Chifu, Unsupervised aspect level sentiment analysis using self-organizing maps, Workshop on Natural Computing and Applications (NCA), at the 17th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, September 2015, pp. 468-475.
42. E.St. Chifu, T.St. Letia, V.R. Chifu, Unsupervised aspect level sentiment analysis using ant clustering and self-organizing maps, 8th International Conference on Speech Technology and Human-Computer Dialogue (SpeD 2015), Bucharest, Romania, October 2015, pp. 143-151
43. C. B. Pop, V. R. Chifu, I. Salomie, C. Prigoana, T. Boros and D. Moldovan Generating Healthy Menus for Older Adults using a Hybrid Honey Bees Mating Optimization Approach, SYNASC 2015 - Workshop of Natural Computing and Applications, Timisoara, Romania, accepted for publication, 2015
44. C. B. Pop, V. R. Chifu, I. Salomie, A. Cozac, M. Antal and C. Pop, Optimizing the Data Center Energy Consumption using a Particle Swarm Optimization-based Approach, International Conference on Grid Economics and Business Models GECON 2015: Economics of Grids, Clouds, Systems, and Services, pp. pp 176-189, 2015.
45. V. R. Chifu, C. B. Pop, I. Salomie, A.Aczel, Clustering Food Recipes Using a Flower Pollination-Based Method, Acta Technica Napocensis – Electronics and Telecommunications, vol 4. , 2015.
46. V.R. Chifu, I. Salomie, E.St. Chifu, C.B. Pop, D. Valea, M. Lupu, M. Antal, Hybrid invasive weed optimization method for generating healthy meals, In V.E. Balas, L.C. Jain, B. Kovačević (eds.), Soft Computing Applications (SOFA), Series: Advances in Intelligent Systems and Computing, vol. 356, Springer, 2016, pp. 335-351.
47. V.R. Chifu, C.B. Pop, I. Salomie, E.St. Chifu, V. Rad, M. Antal, Hybrid cuckoo search-based algorithms for business process mining, In P. Angelov, K.T. Atanassov, L. Doukovska, M. Hadjiski, V. Jotsov, J. Kacprzyk, N. Kasabov, S. Sotirov, E. Szmidt, S. Zadrozny (eds.), Intelligent Systems'2014 (IS'14), Series: Advances in Intelligent Systems and Computing, vol. 322, Springer, 2015, pp. 487-498.
48. V.R. Chifu, I. Salomie, E.St. Chifu, C.B. Pop, P. Porutiu, M. Antal, Jigsaw inspired meta-heuristic for selecting the optimal solution in Web service composition, In V.E. Balas, L.C. Jain, B. Kovačević (eds.), Soft Computing Applications (SOFA), Series: Advances in Intelligent Systems and Computing, vol. 356, Springer, 2016, pp. 573-584.
49. C. B. Pop, V. R. Chifu, I. Salomie, Roxana Plaian, Adela Stetco, Lifestyle Recommendation System for Treating Malnutrition, Intelligent Distributed Computing VIII pp 41-46, 2015.

2014

50. Ionut Anghel, Massimo Bertoncini, Tudor Cioara, Marco Cupelli, Vasiliki Georgiadou, Pooyan Jahangiri, Antonello Monti, Seán Murphy, Anthony Schoofs, Terpsi Velivassaki, GEYSER: Enabling Green Data Centres in Smart Cities, E2DC 2014, [DOI](#)
51. Adel Taweel, Simon Miles, Lina Barakat, Ioan Salomie, Tudor Cioara, Ionut Anghel, Thomas Sanders, Jim Charvill, DIET4Elders: a service-oriented architecture for the prevention and self-management of malnutrition, Broader, Bigger, Better – AAL solutions for Europe, Proceedings of the AAL Forum 2014 Bucharest Romania. [download](#)
52. V. R. Chifu, I. Salomie, E. Șt. Chifu, A. Negrean, H. Jeflea, M. Antal, Crab Mating Optimization Algorithm, International Conference on System Theory, Control and Computing, Sinaia, Romania, pp. 353-358, 2014.
53. V. R. Chifu, I. Salomie, E. Șt. Chifu, B. Izabella, C. B. Pop, M. Antal, Cuckoo Search Algorithm for Clustering Food Offers, ICCP2014, Cluj-Napoca, Romania, pp. 17-22, 2014.
54. V. R. Chifu, I. Salomie, C. B. Pop, A. N. Niculici, D. S. Suia, Exploring the Selection of the Optimal Web Service Composition through Ant Colony Optimization, Computing and Informatics, Vol. 22, 2014 (**ISI Journal**).

2013

55. Tudor Cioara, Ioan Salomie, Ionuț Anghel, Daniel Moldovan, Georgiana Copil, Context aware adaptive systems with applicability in green service centres, ISBN 978-973-662-850-4, UT Press Cluj-Napoca, 2013 **BOOK**
56. Ionuț Anghel, Ioan Salomie, Tudor Cioara, Georgiana Copil, Daniel Moldovan, Autonomic computing techniques for pervasive systems and energy efficient data centres, ISBN 978-3-642-19393-6, UT Press Cluj-Napoca, 2013, **BOOK**
57. Ionut Anghel, Cristina Bianca Pop, Tudor Cioara, Ioan Salomie, Iulia Vartic - A Swarm-inspired Technique for Self-Organizing and Consolidating Data Centre Servers - Scalable Computing: Practice and Experience, Vol 14 (2), 2013, [DOI](#) [download](#)
58. Alexander Kipp, Tao Jiang, Jia Liu, Mariagrazia Fugini, Ionut Anghel, Tudor Cioara, Daniel Moldovan and Ioan Salomie - Energy-Aware provisioning of HPC services with virtualised web services – Evolutionary Based Solutions for Green Computing, Studies in Computational Intelligence Volume 432, 2013, pp 29-53, [DOI](#)
59. Marcel Antal, Ionut Tamas, Tudor Cioara, Ionut Anghel - A Swarm-based algorithm for Optimal Spatial Coverage of an Unknown Region - IEEE 9th International Conference on Intelligent Computer Communication and Processing, 2013. [DOI](#) [download](#)
60. V. R. Chifu, C. B. Pop, I. Salomie, D. S. Suia, A. Niculici, A. Negrean and H. Jeflea, Optimizing the Semantic Web Service Composition Process using Bio-inspired Methods, Int. J. Bio-Inspired Computation, Vol. 5, No. 4, 2013 (**ISI Journal**)
61. I. Salomie, V. R. Chifu, C. B. Pop, Hybridization of Cuckoo Search and Firefly Algorithms for Selecting the Optimal Solution in Semantic Web Service Composition, book chapter in Cuckoo Search and Firefly Algorithm: Theory and Applications, Volume 516, 2014, pp 217-243, Springer.
62. C. B. Pop, V. R. Chifu, I. Salomie, Adrian Cozac and Ionut Mesaros, Particle Swarm Optimization-based Method for Generating Healthy Lifestyle Recommendations, pp. 15 – 21, ICCP2013.

2012

63. Barbara Pernici, Cinzia Cappiello, Maria G. Fugini, Pierluigi Plebani, Monica Vitali, Ioan Salomie, Ionut Anghel, Tudor Cioara, et al. - Setting energy efficiency goals in data centres: the GAMES approach – Energy Efficient Data Centers, Lecture Notes in Computer Science Volume 7396, 2012, pp 1-12, [DOI download](#)
64. Cristina Bianca Pop, Ionut Anghel, Tudor Cioara, Ioan Salomie and Iulia Vartic - A Swarm-inspired Data Center Consolidation Methodology - WIMS'12, International Conference on Web Intelligence, Mining and Semantics, 2012, [DOI download](#)
65. Daniel Moldovan, Georgiana Copil, Ioan Salomie, Ionut Anghel, Tudor Cioara - A Membrane Inspired Model Applied on Service Center Workload Distribution - IEEE 8th International Conference on Intelligent Computer Communication and Processing, pp. 281-288, 2012, [DOI download](#)
66. Georgiana Copil, Daniel Moldovan, Ioan Salomie, Tudor Cioara, Ionut Anghel, Diana Borza - Cloud SLA Negotiation for Energy Saving – A Particle Swarm Optimization Approach - IEEE 8th International Conference on Intelligent Computer Communication and Processing, pp. 289-296, 2012, [DOI download](#)
67. Adrian Cosinschi, Cristian Botau, Tudor Cioara, Ionut Anghel, and Ioan Salomie. 2012 - A Workload Prediction Based Controller for Energy-Efficient Resource Allocation in Virtualized Data Centers - In Proceedings of the 2012 IEEE 21st International Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, 2012, pp. 109-114, [DOI download](#)
68. C. B. Pop, V. R. Chifu, I. Salomie, T. Kovacs, A. Niculici, S. Suia, Business Process Optimization using Bio-Inspired Methods - Ants or Bees Intelligence?, The 8 IEEE International Conference on Intelligent Computer Communication and Processing, pp. 65 - 71, Cluj-Napoca, Romania, 2012.
69. C.B. Pop, V. R. Chifu, I. Salomie, A. Negrean, H. Jeflea, Hybrid Genetic Algorithm for Selecting the Optimal or Near-optimal Solution in Semantic Web Service Composition, The 8 IEEE International Conference on Intelligent Computer Communication and Processing, pp. 57 – 64, Cluj-Napoca, Romania, 2012.
70. I. Salomie, V. R. Chifu, C.B. Pop, R. Suciu, Firefly-based Business Process Optimization, The 8 IEEE International Conference on Intelligent Computer Communication and Processing, pp. 49 - 56, Cluj-Napoca, Romania, 2012.
71. V. R. Chifu, C.B. Pop, I. Salomie, I. Balla, R. Paven, Hybrid Particle Swarm Optimization Method for Process Mining, The 8 IEEE International Conference on Intelligent Computer Communication and Processing, pp. 273 - 279, Cluj-Napoca, Romania, 2012. 273 – 279.

2011

72. Tudor Cioara, Ionut Anghel, Ioan Salomie, Daniel Moldovan, Georgiana Copil and Alexander Kipp - Energy Aware Dynamic Resource Consolidation Algorithm for Virtualized Service Centers based on Reinforcement Learning - The 10th International Symposium on Parallel and Distributed Computing, pp. 163-169, ISBN: 978-0-7695-4540-0, 2011, **BEST PAPER AWARD** , [DOI download](#)
73. Tudor Cioara, Ionut Anghel, Ioan Salomie, Georgiana Copil, Daniel Moldovan, Barbara Pernici - A Context Aware Self-Adapting Algorithm for Managing the Energy Efficiency of IT Service Centres - Ubiquitous Computing And Communication Journal – Special Issue of RoEduNet, pp. 619 - 630, ISBN: 1994-4608, 2011, [download](#)

74. Tudor Cioara, Ionut Anghel, Ioan Salomie - A Self-configuring Middleware Solution for Context Management - e-Business and Telecommunications, Communications in Computer and Information Science, Volume 130, Part 5, pp. 332-345, ISBN: 978-3-642-20076-2, 2011, [DOI download](#)
75. Tudor Cioara, Ioan Salomie, Ionut Anghel, Iulian Chira, Alexandru Cocian, Ealan Henis, Ronen Kat - A Dynamic Power Management Controller for Optimizing Servers' Energy Consumption in Service Centers – Service-Oriented Computing, Lecture Notes in Computer Science, Volume 6568, pp. 158-168, ISBN: 978-3-642-19393-4, 2011, [DOI download](#)
76. Ioan Salomie, Tudor Cioara, Ionut Anghel, Daniel Moldovan, Georgiana Copil, Pierluigi Plebani - An Energy Aware Context Model for Green IT Service Centers – Service-Oriented Computing, Lecture Notes in Computer Science, Volume 6568, pp. 169-180, ISBN: 978-3-642-19393-4, 2011, [DOI download](#)
77. Ionut Anghel, Tudor Cioara, Ioan Salomie, Georgiana Copil, Daniel Moldovan, Cristina Pop - Dynamic Frequency Scaling Algorithms for Improving the CPU's Energy Efficiency - IEEE 7th International Conference on Intelligent Computer Communication and Processing Special Session: Green Computing, pp. 485 – 491, ISBN: 978-1-4577-1479-5, 2011, [DOI download](#)
78. Tudor Cioara, Ionut Anghel, Ioan Salomie, Georgiana Copil, Daniel Moldovan, Marius Grindean - Time Series based Dynamic Frequency Scaling Solution for Optimizing the CPU Energy Consumption - IEEE 7th International Conference on Intelligent Computer Communication and Processing Special Session: Green Computing, pp. 477 - 483, ISBN: 978-1-4577-1479-5, 2011, [DOI download](#)
79. Georgiana Copil, Tudor Cioara, Ionut Anghel, Ioan Salomie, Daniel Moldovan, Diana Borza - A Genetic-inspired Negotiation Algorithm for QoS and Energy Consumption Tradeoffs in Virtualized Service Centers - IEEE 7th International Conference on Intelligent Computer Communication and Processing Special Session: Green Computing, pp. 471 – 476, ISBN: 978-1-4577-1479-5, 2011, [DOI download](#)
80. Tudor Cioara, Ionut Anghel, Ioan Salomie, Daniel Moldovan, Georgiana Copil, Pierluigi Plebani - Dynamic Consolidation Methodology for Optimizing the Energy Consumption in Large Virtualized Service Centers - 3rd Workshop on Software Services: Semantic-based software services, pp. 1005 - 1011, ISBN: 978-1-4577-0041-5, 2011, [DOI download](#)
81. V. R. Chifu, I. Salomie - Tehnici și metode aplicabile in dezvoltarea serviciilor Web semantice (Techniques and methods applicable in developing semantic Web services), Editura U.T. Press, Cluj-Napoca, Romania, 2011, ISBN 978-973-662-654-8, 138 pages.
82. C. B. Pop, V. R. Chifu, I. Salomie, M. Vlad, Cuckoo-inspired Hybrid Algorithm for Selecting the Optimal Web Service Composition, The 2011 IEEE International Conference on Intelligent Computer Communication and Processing, pp.33 – 40, Cluj-Napoca, Romania, 2011.
83. V. R. Chifu, C. B. Pop, I. Salomie, D. S. Suia, A. Niculici, Optimizing the Semantic Web Service Composition Process using Cuckoo Search, The 5th International Symposium on Intelligent Distributed Computing, vol. 382, pp. 93-102, Delft, Olanda, 2011.
84. C. B. Pop, V. R. Chifu, I. Salomie, M. Dinsoreanu, T. David, V. Acretoai, A. Nagy, C. Oprisa, Biologically-inspired Clustering of Semantic Web Services. Birds or Ants Intelligence? Concurrency and Computation: Practice & Experience Journal, Special Issue on Intelligent Distributed Computing, vol. 24, issue 6, pp. 619–633.
85. V. R. Chifu, C. B. Pop, I. Salomie, M. Dinsoreanu, A. Niculici, D. Suia, Bio-inspired Methods for Selecting the Optimal Web Service Composition – Bees or Cuckoos Intelligence? The International Journal of Business Intelligence and Data Mining, vol.6, issue 4, pp. 321 – 344, 2011.
86. A. Nagy, C. Oprisa, I. Salomie, C. B. Pop, V. R. Chifu, M. Dinsoreanu, Particle Swarm Optimization for Clustering Semantic Web Services, Proceedings of the 10th International Symposium on Parallel and Distributed Computing, pp. 170-177, Cluj-Napoca, Romania, 2011.

87. C. B. Pop, M. Vlad, V. R. Chifu, I. Salomie, M. Dinsoreanu, A Tabu Search Optimization Approach for Semantic Web Service Composition, Proceedings of the 10th International Symposium on Parallel and Distributed Computing, pp. 274-277, Cluj-Napoca, Romania, 2011.
88. C. B. Pop, V. R. Chifu, I. Salomie, M. Dinsoreanu, T. David, V. Acretoiaie, Ant-inspired Framework for Automatic Web Service Composition, Scalable Computing: Practice and Experience - Scientific International Journal for Parallel and Distributed Computing, vol. 12, issue 1, pp. 37–150, 2011.
89. V. R. Chifu, C. B. Pop, I. Salomie, M. Dinsoreanu, T. David, V. Acretoiaie, Ant-based methods for semantic web service discovery and composition, Ubiquitous Computing and Communication Journal, vol. 6, pp. 631-641, 2011.
90. C. B. Pop, V. R. Chifu, I. Salomie, R. B. Baico, M. Dinsoreanu, G. Copil, A Hybrid Firefly-inspired Approach for Optimal Semantic Web Service Composition, Scalable Computing: Practice and Experience Journal, vol.12, issue3, pp. 363–369, 2011.

2010

91. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau - Middleware for Smart Environments Management -International Journal of Computers Communications & Control, Vol. 5/2, pp. 148-159, ISSN 1841-9836, 2010, **IF:1.193** [download](#)
92. Ionut Anghel, Tudor Cioara, Ioan Salomie, Georgiana Copil, Daniel Moldovan – An Autonomic Algorithm for Energy Efficiency in Service Centers - Proceedings of the 2010 IEEE International Conference on Intelligent Computer Communication and Processing, pp. 281 – 288, ISBN: 978-1-4244-8228-3, 2010, [DOI download](#)
93. Tudor Cioara, Cristina Bianca Pop, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Irina Condor, Fodor Mihaly – Immune-inspired Technique for Optimizing Server’s Energy Consumption, Proceedings of the 2010 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP2010), Cluj-Napoca, Romania, pp. 273 – 280, ISBN: 978-1-4244-8228-3, 2010, [DOI download](#)
94. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan - A Self-Adapting Algorithm for Context Aware Systems - Proceedings of the 9th IEEE RoEduNet International Conference, pp. 374 – 379, ISBN: 978-1-4244-7335-9, 2010, [DOI download](#)
95. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan - An Autonomic Context Management Model based on Machine Learning - Proceedings of the 12th IEEE International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 335 – 338, ISBN: 978-1-4244-9816-1, 2010, [DOI download](#)
96. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu, Georgiana Copil, Daniel Moldovan - A Reinforcement Learning based Self-healing Algorithm for Managing Context Adaptation – Proceedings of the 12th International Conference on Information Integration and Web-based Applications & Services (iiWAS2010), pp. 859-862, ISBN: 978-1-4503-0421-4, 2010, [DOI download](#)
97. I. Salomie, V. R. Chifu, I. Harsa, M. Gherga, Web service composition using fluent calculus, International Journal of Metadata, Semantics and Ontologies, vol. 5, issue 3, pp. 238-250, 2010.
98. V. R. Chifu, C. B. Pop, I. Salomie, M. Dinsoreanu, A. Niculici, and S. Suia, Selecting the Optimal Web Service Composition based on a Multi-Criteria Bee-inspired Method, The 12th International Conference on Information Integration and Web-based Applications & Services, pp. 40-47, Paris, France, 2010.
99. C. B. Pop, V. R. Chifu, I. Salomie, M. Dinsoreanu, T. David, V. Acretoiaie, Ant-inspired Technique for Automatic Web Service Composition and Selection, 1st Workshop on Software Services, in the 12th

International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, accepted for publication, pp. 449 – 455, Timisoara, Romania, 2010.

100. C. B. Pop, V. R. Chifu, I. Salomie, M. Dînşoreanu, V. Acreţoaie, T. David, Semantic Web Service Clustering for Efficient Discovery Using an Ant-based Method, in Intelligent Distributed Computing IV Studies in Computational Intelligence Springer-Verlag, vol. 315, pp. 23-33, Tangier, Morocco, 2010.
101. C. B. Pop, V. R. Chifu, I. Salomie, M. Dînşoreanu, Immune-inspired Method for Selecting the Optimal Solution in Web Service Composition, The 35th International Conference on Very Large Databases, LNCS, vol. 6162, pp. 1–17, 2010.
102. V. R. Chifu, C. B. Pop, I. Salomie, M. Dînşoreanu, A. Köver, R. Vachter, Web Service Composition Technique Based on a Service Graph and Particle Swarm Optimization, The 6th IEEE International Conference on Intelligent Computer Communication and Processing, pp. 265-272, Cluj-Napoca, Romania, 2010.
103. V. R. Chifu, C. B. Pop, I. Salomie, M. Dînşoreanu, T. David, V. Acreţoaie, An Ant-inspired Approach for Semantic Web Service Clustering, The 9th Romanian Educational Network International Conference, pp. 145-150, Sibiu, Romania, 2010.
104. C. B. Pop, V. R. Chifu, I. Salomie, M. Dînşoreanu, F. Mihaly, I. Condor, A Bee-inspired Approach for Selecting the Optimal Service Composition Solution, The International Conference on Development and Application Systems, pp. 420-426, Suceava, Romania, 2010.
105. I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suci, ArhiNet - A Knowledge-based System for Creating, Processing and Retrieving Archival eContent. Jose Cordeiro, Joaquim Filipe (Eds.):Web Information Systems and Technologies, 5th International Conference, WEBIST 2009, Lisbon, Portugal, March 23-26, 2009, Revised Selected Papers, Lecture Notes in Business Information Processing, vol. 45, pp. 99-112, 2010.
106. I. Salomie, M. Dinsoreanu, C. B. Pop, R. Lar, Knowledge Acquisition and Processing System for Romanian Historical Documents, The 12th IEEE International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 194 - 201, Timisoara, Romania, 2010.

2009

107. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau - A Self-Configuring Middleware for Managing Context Awareness - Proceedings of the International Conference on Wireless Information Networks and Systems, INSTICC Press, pp. 131-138, 2009, **BEST STUDENT PAPER AWARD**, [DOI](#) [download](#)
108. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu - A Generic Context Model Enhanced with Self-configuring Features - Journal of Digital Information Management, Volume 7, Number 3, pp. 159-165, ISSN: 0972-7272, 2009, [DOI](#) [download](#)
109. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu - A Policy-Based Context Aware Self-Management Model -Proceedings of the 2009 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 333 – 340, ISBN: 978-1-4244-5910-0, 2009, [DOI](#) [download](#)
110. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, Anca Rarau - A Policy Driven Self-healing Algorithm for Context Aware Systems – Proceedings of the 5th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, pp. 229-236, ISBN: 978-1-4244-5007-7, 2009, [DOI](#) [download](#)
111. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu - A Context-based Semantically Enhanced Information Retrieval Model - Proceedings of the 5th International Conference on

- Intelligent Computer Communication and Processing, pp. 245-250, ISBN: 978-1-4244-5007-7, 2009, [DOI](#) [download](#)
112. Mihaela Dinsoreanu, Tudor Cioara, Ionut Anghel, Laura Dansorean, Marius Georgiu, Ion Carja, Ioan Dragan, Livia Ardelean - Information Extraction from Romanian Archival Documents – Automation, Computers, Applied Mathematics Journal, Volume 18, No. 2, pp. 283-288, ISSN: 1221-437X, 2009, [download](#)
 113. Ioan Salomie, Cristina Bianca Pop, Tudor Cioara, Ionut Anghel, Marius Grindean, Ioan Dragan, Livia Ardelean, Ion Carja - Applying Rule-based Knowledge Acquisition on Historical Documents - Automation, Computers, Applied Mathematics Journal, Volume 18, No. 2, pp. 277-282, ISSN: 1221-437X, 2009, [download](#)
 114. Mihaela Dinsoreanu, Ioan Salomie, Cornel Rat, Sorin Suciu, Tudor Cioara, Ionut Anghel, Ioan Dragan, Livia Ardelean, Ion Carja - Hierarchical Data Models for the ArhiNet Ontology Representation and Processing – Automation, Computers, Applied Mathematics Journal, Volume 18, No. 2, pp. 289-295, ISSN: 1221-437X, 2009, [download](#)
 115. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu and Anca Rarau - A Self-configuring Middleware for Developing Context Aware Applications - Studia Universitatis Babes-Bolyai, Series Informatica, Special Issue: Knowledge Engineering: Principles and Techniques, Volume LIV, ISSN: 1224-869x, pp. 300-304, 2009, [download](#)
 116. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu- A Self-configuring Middleware for Developing Context Aware Applications: extended version - Knowledge Engineering Principles And Techniques Selected Papers, pp. 365-372, ISSN: 2067-1180, 2009 [download](#)
 117. Ionut Anghel, Tudor Cioara, Ioan Salomie, Mihaela Dinsoreanu, An Agent-based Context Awareness Management Framework -Proceedings of the 8-th International Conference RoEduNet 2009, Galați, România, ISBN - 978-606-8085-15-9, pp. 107-113, 2009 [download](#)
 118. V. R. Chifu, I. Salomie, A. Köver, R. Vachter, Matching Semantic Web Services Using Learning Accuracy, The 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 317-324, Timisoara, Romania, 2009.
 119. C. B. Pop, V. R. Chifu, I. Salomie, M. Dînsoreanu, I. Vartic, M. Vlad, Immune-inspired Web Service Composition Framework, The 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, **pp. 376-383**, Timisoara, Romania, 2009.
 120. V. R. Chifu, I. Salomie, R. Agota, V. Radoi, A Graph Based Backward Chaining Method for Web Service Composition, The 5th IEEE International Conference on Intelligent Computer Communication and Processing, pp. 237-244, Cluj-Napoca, Romania, 2009.
 121. C. B. Pop, V. R. Chifu, I. Salomie, M. Dînsoreanu, Optimal Web Service Composition Method Based on an Enhanced Planning Graph and Using an Immune-inspired Algorithm, The 5th IEEE International Conference on Intelligent Computer Communication and Processing, pp. 291-298, Cluj-Napoca, Romania, 2009.
 122. V. R. Chifu, I. Salomie, R. Agota, V. Radoi, Web Service Composition Approach Based On a Graph of Service Cells, Tthe 2th Knowledge Engineering: Principles and Techniques Conference (KEPT2009), in Studia Informatica - Special Issue on Knowledge Engineering: Principles and Techniques, pp. 308-311, Cluj-Napoca, Romania, 2009.
 123. V. R. Chifu, I. Salomie, A Fluent Calculus Approach to Automatic Web Service Composition, The Advances in Electrical and Computer Engineering Journal, Issue 3, pp. 75 – 83, Suceava, Romania, 2009.
 124. V. R. Chifu, C. B. Pop, I. Salomie, M. Dinsoreanu, I. Avram, A. Cipariu, SWSDF – A Semantic Web Service Discovery Framework, The 8th Romanian Educational Network International Conference, pp. 113-118, Galați, Romania, 2009.

125. I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suciu, Rule-based Knowledge Acquisition from Historical Documents, Militon Frentiu, Horia F. Pop (Eds.):Kept 2009 Knowledge Engineering Principles and Techniques - Selected Papers, Presa Universitara Clujeana, ISSN: 2067-1180, pp. 143-150, 2009.
126. I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suciu, Knowledge Acquisition from Historical Documents for Preserving Transylvanian Cultural Heritage, Advances in Electrical and Computer Engineering Journal, vol. 9, issue 2, pp. 16 - 22, 2009.

2008

127. Ioan Salomie, Tudor Cioara, Ionut Anghel, Tudor Salomie, Distributed Computing and Systems, ISBN 978-973-650-234-7, Editura Albastra Cluj-Napoca, 2008, **BOOK**, [DOI](#)
128. Tudor Cioara, Ionut Anghel, Ioan Salomie, Mihaela Dinsoreanu - A Generic Context Model with Autonomic Features – Proceedings of the 3rd International Conference on Digital Information Management, pp. 891-896, ISSN: 978-1-4244-2916-5, 2008, [DOI download](#)
129. Ioan Salomie, Ionut Anghel, Tudor Cioara, Mihaela Dinsoreanu - A Context Awareness Model Enhanced with Autonomic Features -Proceedings of the 4th International Conference on Intelligent Computer Communication and Processing, pp. 239-246, ISBN: 978-1-4244-2673-7, 2008 [DOI download](#)
130. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu – RAP A Basic Context Awareness Model – Proceedings of the 4th International Conference on Intelligent Computer Communication and Processing, pp. 315-318, ISBN: 978-1-4244-2673-7, 2008, [DOI download](#)
131. Ioan Salomie, Mihaela Dinsoreanu, Tudor Cioara, Ionut Anghel, Ioan Tudor Salomie - Industrial Business Process Modeling, Verification and Simulation with Application in Food Industry - Automation, Computers, Applied Mathematics Journal, Volume 17, Number 1, pp. 102 - 111, ISSN: 1221-437X, 2008 [download](#)
132. Ioan Salomie, Sergiu Nedevschi, Mihaela Dinsoreanu, Tudor Cioara, Ionut Anghel, Ioan Tudor Salomie, Workflow Integration Testing for Complex Industrial Processes using Machine Simulation with Application in Food Industry - Proceedings of the Workshop on Traceability and Systems for Traceability, ICCP 2008, Cluj-Napoca, Romania, ISBN: 978-973-133-358-8, 2008.
133. Ioan Salomie, Sergiu Nedevschi, Mihaela Dinsoreanu, Tudor Cioara, Ionut Anghel, Ioan Tudor Salomie, Cristina Bianca Pop, Sorin Liviu Suciu, Industrial Workflow Verification using Process Algebra - Proceedings of Workshop on Traceability and Systems for Traceability, ICCP 2008, Cluj-Napoca, Romania, ISBN: 978-973-133-358-8, 2008
134. Sergiu Nedevschi, Ioan Salomie, Mihaela Dinsoreanu, Tudor Cioara, Ionut Anghel, Ioan Tudor Salomie, Cristina Bianca Pop, Sorin Liviu Suciu, Methodology for Industrial Business Process Modeling with Upstream and Downstream Traceability Features -Proceedings of the Workshop on Traceability and Systems for Traceability, ICCP 2008, Cluj-Napoca, Romania, ISBN: 978-973-133-358-8, 2008
135. V. R. Chifu, I. Salomie and E. Șt. Chifu, Taxonomy Learning for the Romanian Language using SOTA and Wordnet, The 4th International Conference on Web Information Systems and Technologies, vol. 2, pp. 169-174, Funchal, Portugal, 2008.
136. V. R. Chifu, I. Salomie, E. Șt. Chifu, C. Pârțac, Harmony - A Framework for Automatic Web Service Composition, The 4th International Conference on Web Information Systems and Technologies, vol. 2, pp. 247-252, Funchal, Portugal, 2008.
137. E. Șt. Chifu, V. R. Chifu, Evaluating the Hyponym Attachments in an Unsupervised Taxonomy Enrichment Framework, The 4th International Conference on Web Information Systems and Technologies, vol. 1, pp. 240-243, Funchal, Portugal, 2008.

138. V. R. Chifu, I. Salomie, S. Manole, Fluent Calculus Based Web Service composition, The Second International Conference on Web Reasoning and Rule Systems (RR2008), LNCS, pp. 230-231, Karlsruhe, Germany, 2008.
139. I. Salomie, V. R. Chifu, I. Harşa, M. Gherga, Towards Automated Web Service Composition with Fluent Calculus and Domain Ontologies, The 10th International Conference on Information Integration and Web-based Applications & Services, pp. 201-207, Linz, Austria, 2008.
140. V. R. Chifu, I. Salomie, E. Şt. Chifu, Automatic Web Service Composition Using OWL-S and Fluent Calculus, The IEEE International Conference on Intelligent Agents, Web Technologies and Internet Commerce, pp. 271-276, Vienna, Austria, 2008.
141. E. Şt. Chifu, V. R. Chifu, A Neural Model for Unsupervised Named Entity Classification, The IEEE International Conference on Intelligent Agents, Web Technologies and Internet Commerce, pp.1073-1078, Vienna, Austria, 2008.
142. V. R. Chifu, I. Salomie, Fluent Calculus-Based Web Service composition – From OWL-S to Fluent Calculus, The 4th IEEE International Conference on Intelligent Computer Communication and Processing, pp. 161-168, Cluj-Napoca, Romania, 2008.
143. I. Salomie, V. R. Chifu, I. Giurgiu, M. Cuibus, SAWS: A Tool for Semantic Annotation of Web Services, The 16th IEEE International Conference on Automation, Quality and Testing, Robotics, pp. 387-391, Cluj-Napoca, Romania, 2008.
144. I. Salomie, V. R. Chifu, S. Nedevschi, E. Şt. Chifu, Ontology Learning for Traceability in the Food Industry, in the Automation, Computers, Applied Mathematics (ACAM) journal, pp. 94-101, Cluj-Napoca, Romania, 2008.
145. I. Salomie, C. Rat, S. Suci, C. B. Pop, V. R. Chifu, I. Dragan, L. Ardelean, I. Carja, A Case-study in the Archival Domain, Distributed, Agent-based, Semantic Reasoning Engine for Ontologies, in the Automation, Computers, Applied Mathematics (ACAM) journal, pp. 94-101, Cluj-Napoca, Romania, 2008.
146. I. Salomie, V. R. Chifu, S. Nedevschi, E. Şt. Chifu, Ontology Enrichment for Food Traceability Domain Using Romanian Lexico-Syntactic Patterns, Workshop on Traceability and Systems for Traceability, pp.28-33, Cluj-Napoca, Romania, 2008.
147. V. R. Chifu, I. Salomie, S. Nedevchi, E. St. Chifu, Building a Food Industry Taxonomy by Using SOTA and Extended Word Net, Workshop on Traceability and Systems for Traceability (WTST) - 2008 IEEE International Conference on Intelligent Computer Communication and Processing, August 28 - 30 2008, Cluj-Napoca, Romania, pp. 28-33.
148. I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suci, Model and SOA Solutions for Traceability in Logistic Chains, The 10th International Conference on Information Integration and Web-based Applications & Services, pp. 339-344, Linz, Austria, 2008.
149. I. Salomie, M. Dinsoreanu, C. B. Pop, S. L. Suci, Logistic chain generation with traceability features using web services composition, International Conference on Automation, Quality and Testing, Robotics, vol. 1, pp. 393-397, Cluj-Napoca, Romania 2008.

2007

150. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Ioan Salomie - Machine Simulation for Workflow Integration Testing - Proceedings of the 3rd International Conference on Intelligent Computer Communication and Processing, pp. 193-199, ISBN: 978-1-4244-1491-8, 2007 [DOI download](#)
151. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Ioan Salomie - A Layered Workflow Model Enhanced with Process Algebra Verification for Industrial Processes – Proceedings

- of the 3rd International Conference on Intelligent Computer Communication and Processing, pp. 185-192, ISBN: 978-1-4244-1491-8, 2007 [DOI](#) [download](#)
152. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie, Workflow models enhanced with process algebra verification for industrial business processes, Proceedings of the 11th WSEAS International Conference on Computers, pp. 501-506, 2007 [DOI](#) [download](#)
153. Ioan Salomie, Tudor Cioara, Ionut Anghel, Mihaela Dinsoreanu, Tudor Salomie, Machine and business modeling and simulation for workflow integration, in Proceedings of the 9th WSEAS International Conference on Automatic Control, Modeling & Simulation, pp. 165-170, 2007 [DOI](#) [download](#)
154. V. R. Chifu, I. Salomie, E. Șt. Chifu, Ontology Model for Traceability in Food Industry, The International Conference on e-Business, pp. 63-68, Barcelona, Spain, 2007.
155. V. R. Chifu, I. Salomie, E. Șt. Chifu, Ontology Enhanced Description of Traceability Services, The IEEE 3rd International Conference on Intelligent Computer Communication and Processing, pp. 1-8, Cluj-Napoca, Romania, 2007.
156. E. Șt. Chifu, V. R. Chifu, Evaluation of an Unsupervised Ontology Enrichment Framework, The IEEE 3rd International Conference on Intelligent Computer Communication and Processing, pp. 225-228, Cluj-Napoca, Romania, 2007.
157. V. R. Chifu, I. Salomie, E.Șt. Chifu, Taxonomy Learning for Semantic Annotation of Web Services, The 11th WSEAS International Conference on Computers, pp. 299-305, Agios Nikolaos, Greece, 2007.

2006

158. V. R. Chifu, I. Salomie, An Architecture for QoS Driven Automatic Web Service Composition, The 2nd IEEE International Conference on Intelligent Computer Communication and Processing, pp. 121-127, Cluj-Napoca, Romania, 2006.