

ANNEX 1 - PUBLICATIONS

Globally, in 2013 the consortium published 86 journal papers, 205 conference papers, 1 book, 20 book chapters, and 10 edited books. The full list of publications is provided in this annex.

Journal Articles

1. P. Gil and Henriques, J. and Alberto Cardoso and António Dourado , "On affine state-space neural networks for system identification: Global stability conditions and complexity management", *Control Engineering Practice*, 2013
2. J.R. and Mollaei, M.R.K. and Bandarabadi, M. and Teixeira, C. and António Dourado , "Preprocessing effects of 22 univariate features on the performance of seizure prediction methods", *Journal of Neuroscience Methods*, 2013
3. Behbahani, S. and Dabanloo, N.J. and Nasrabadi, A.M. and Teixeira, C. and António Dourado , "Heart Rate Variability (HRV) Analysis of Epileptic Seizures", *The Anatolian Journal of Cardiology*, 2013
4. P. Gil and Henriques, J. and Alberto Cardoso and P. Carvalho and António Dourado , "Affine Neural Network Based Predictive Control Applied to a Distributed Solar Collector Field", *IEEE Transactions on Control Systems Technology*, 2013
5. Martins, P. and P. Carvalho and Gatta, C. , "Context-aware Features and Robust Image Representations", *Journal of Visual Communication and Image Representation*, 2013
6. Chen, N. and Ribeiro, B. , "Influence of class distribution on cost-sensitive learning: a case study of French bankruptcy analysis", *Intelligent Data Analysis*, vol. 17, pp. 423-437, 2013
7. Chen, N. and Ribeiro, B. and Vieira, A. , "Clustering and Visualization of Bankruptcy Trajectory using Self-Organizing Map", *Expert Systems and Applications, Elsevier*, vol. 40, pp. 385-393, 2013
8. Ribeiro, B. and Chen, N. , "Dimensionality Reduction using Graph Weighted Subspace Learning for Bankruptcy Prediction", *Annals of Information Systems (AIS) Special Issue on Data Mining Applications, Springer (to appear)*, 2013
9. Ludwig, O. and Nunes, U. and Ribeiro, B. and Premebida, C. , "Improving the Generalization Capacity of Cascade Classifiers", *IEEE Transactions on Systems Man and Cybernetics: Part B* , 2013
10. Rodrigues, F. and Pereira, F.C. and Ribeiro, B. , "Learning from Multiple Annotators: Distinguishing Good from Random Labelers", *Pattern Recognition Letters, Elsevier*, 2013
11. Noel Lopes and Ribeiro, B. , "Towards Adaptive Learning with Improved Convergence of Deep Belief Networks on Graphics Processing Units", *Pattern Recognition, Elsevier* , 2013
12. Costa, J. and Silva, C. and Antunes, M. and Ribeiro, B. , "Customized Crowds and Active Learning to Improve Classification", *Expert Systems With Applications, Elsevier*, vol. 40, pp. 7212-7219, 2013
13. Rodrigues, F. and Pereira, F.C. and Ribeiro, B. , "Sequence labeling with multiple annotators", *Machine Learning, Springer*, 2013

14. P. Gil and Santos, A. and Alberto Cardoso , "Dealing With Outliers in Wireless Sensor Networks: An Oil Refinery Application", *IEEE Transactions on Control Systems Technology*, 2013
15. Donovan, T.O. and Brown, J. and Bsching, F. and Alberto Cardoso and Cecílio, J. and O, J.d. and Furtado, P. and P. Gil and Klein, A. and Poettner, W. and Roedig, U. and Jorge Sá Silva and Silva, R.M. and Sreenan, C. and Vassiliou, V. and Wolf, L. and Zinonos, Z. , "The GINSENG System for Wireless Monitoring and Control: Design and Deployment Experiences", *ACM Transactions on Sensor Networks*, 2013
16. Alberto Cardoso and Restivo, M.T. and Cioga, P. and Delgado, M. and Monsanto, J.N. and Bicker, J. and Nunes, E. and P. Gil , "flock.uc.pt – A Web Platform for Online Educational Modules with Online Experiments", *International Journal of Online Engineering (iJOE)*, vol. 9, 2013
17. P. Gil and Lucena, C. and Alberto Cardoso and Palma, L. , " Fuzzy controllers gains tuning: a constrained nonlinear optimization approach", *Neural Computing and Applications*, 2013
18. Alberto Cardoso and Restivo, M.T. and Cioga, P. and Delgado, M. and Monsanto, J.N. and Bicker, J. and Nunes, E. and P. Gil , "flock.uc.pt - A web platform for online educational modules with online experiments", *International Journal of Online Engineering (iJOE)*, vol. 9, 2013
19. Restivo, M.T. and Alberto Cardoso , "Guest Editorial "Online Experimentation @ REV2012""", *International Journal of Online Engineering (iJOE)*, vol. 9, 2013
20. Restivo, M.T. and Alberto Cardoso , "The Portuguese Contribution for lab2go - pt.lab2go", *International Journal of Online Engineering (iJOE)*, vol. 1, 2013
21. Almeida, G. and Vieira, J. and Marques, A.S. and Kiperstok, A. and Alberto Cardoso , "Estimating the potential water reuse based on fuzzy reasoning", *Journal of Environmental Management*, vol. 128, pp. 882-892, 2013
22. Restivo, M.T. and Alberto Cardoso , "Exploring Online Experimentation", *International Journal of Online Engineering (iJOE)*, 2013
23. Rasteiro, M.G. and Alberto Cardoso and Gomes, R. and Santos, T. , "Multimedia Tools to Learn About Nanoparticles Characterization", *International Journal of Online Engineering (iJOE)*, 2013
24. Pedro Henriques Abreu and Daniel Castro Silva and Portela, J. and Mendes-Moreira, J. and Reis, L.P. , "Using Model-Based Collaborative Filtering Techniques to Recommend the Expected Best Strategy to Defeat a Simulated Soccer Opponent", *IDA – Intelligent Data Analysis (to appear)*, vol. 18, 2013
25. Pedro Henriques Abreu and Daniel Castro Silva and Mendes-Moreira, J. and Reis, L.P. and Garganta, J. , "Using Multivariate Adaptive Regression Splines in the Construction of Simulated Soccer Team's Behavior Models", *International Journal of Computational Intelligence*, vol. 6, pp. 893-910, 2013
26. Arrais, J.P. and Coelho, E.D. and Oliveira, J.L. , "From Protein-Protein Interactions to Rational Drug Design: Are Computational Methods Up to the Challenge?", *Current Topics in Medicinal Chemistry*, vol. 13, pp. 602-618, 2013
27. Arrais, J.P. and Coelho, E.D. and Oliveira, J.L. and rosa, n. and Correia, M. , "OralCard: A bioinformatic tool for the study of oral proteome", *Archives of Oral Biology*, vol. 58, pp. 762-772, 2013

28. Silva, A.R.S.e. and Pinho, M.S. and Macedo, L. and Moulin, C. , "Benefits of SenseCam Review on Neuropsychological Test Performance", American journal of preventive medicine, vol. 44, pp. 302-307, 2013
29. Gonalo Oliveira, H, and Paulo Gomes , "Towards the automatic enrichment of a thesaurus with information in dictionaries", Expert Systems, 2013 [DOI]
30. Doyle, C.C. and Pereira, F.C. and Zhao, F. and Dias, I. and Lim, H.B. and Ben-Akiva, M. and Zegras, C. , "The Future Mobility Survey: Experiences in developing a smartphone-based travel survey in Singapore", Transport Research Record, 2013
31. Rodrigues, F. and Alves, A.C.d.C.O. and Polisciuc, E. and Jiang, S. and Ferreira, J. and Pereira, F.C. , "Estimating disaggregated employment size from Points-of-Interest and census data: From mining the web to model implementation and visualization", International Journal on Advanced Intelligent Systems, vol. 7, 2013
32. Rodrigues, F. and Pereira, F.C. and Ribeiro, B. , "Learning from Multiple Annotators: Distinguishing Good from Random Labelers", Pattern Recognition Letters, Elsevier, 2013 [DOI]
33. Pedro Henriques Abreu and Daniel Castro Silva and Portela, J. and Mendes-Moreira, J. and Reis, L.P. , "Using Model-Based Collaborative Filtering Techniques to Recommend the Expected Best Strategy to Defeat a Simulated Soccer Opponent", IDA – Intelligent Data Analysis (to appear), vol. 18, 2013
34. Pedro Henriques Abreu and Daniel Castro Silva and Mendes-Moreira, J. and Reis, L.P. and Garganta, J. , "Using Multivariate Adaptive Regression Splines in the Construction of Simulated Soccer Team's Behavior Models", International Journal of Computational Intelligence, vol. 6, pp. 893-910, 2013
35. Gonalo Oliveira, H, and Paulo Gomes , "ECO and Onto.PT: A flexible approach for creating a Portuguese wordnet automatically", Language Resources and Evaluation Journal, 2013 [DOI]
36. Rodrigues, F. and Pereira, F.C. and Ribeiro, B. , "Sequence labeling with multiple annotators", Machine Learning, Springer, 2013 [DOI]
37. Pereira, F.C. and Rodrigues, F. and Ben-Akiva, M. , "Text analysis in incident duration prediction", Transportation Research Part C, Elsevier, 2013 [DOI]
38. Romero, J.J. and Machado, P. and Carballeda, A. , "Guest editorial: special issue on biologically inspired music, sound, art and design. Genetic Programming and Evolvable Machines", Special issue on evolutionary art and music, vol. 14, pp. 281-286, 2013
39. Martins, P. and P. Carvalho and Gatta, C. , "Context-aware Features and Robust Image Representations", Journal of Visual Communication and Image Representation, 2013
40. Santos, V.A.M.d. and Quaresma, P. , "Plataforma Colaborativa para a Geometria", Indagatio Didactica, vol. 5, pp. 31-39, 2013
41. Santos, V.A.M.d. and Quaresma, P. , "Collaborative Aspects of the WGL Project", Electronic Journal of Mathematics & Technology, vol. 7, 2013
42. Cruz, T. and Simoes, P. and Edmundo Monteiro and Bastos, F. and Laranjeira, A. , "A Framework for Internet Media Services Delivery to the Home Environment", Journal of Network and Systems Management, vol. 21, pp. 99-127, 2013 [DOI]

43. Rodrigues, A. and Camilo, T. and Jorge Sá Silva and Boavida, F. , "Diagnostic Tools for Wireless Sensor Networks: A Comparative Survey", Journal of Network and Systems Management, vol. 21, pp. 408-452, 2013
44. Donovan, T.O. and Brown, J. and Bsching, F. and Alberto Cardoso and Cecílio, J. and O, J.d. and Furtado, P. and P. Gil and Klein, A. and Poettner, W. and Roedig, U. and Jorge Sá Silva and Silva, R.M. and Sreenan, C. and Vassiliou, V. and Wolf, L. and Zinonos, Z. , "The GINSENG System for Wireless Monitoring and Control: Design and Deployment Experiences", ACM Transactions on Sensor Networks, 2013
45. D. Palma and Marilia Curado , "Scalability and Routing Performance of Future Autonomous Networks", International Journal of Internet Protocol Technology, 2013
46. D. Palma and Marilia Curado , "Scalable Multi-hop Routing in Wireless Networks", EURASIP Journal on Wireless Communications and Networking, 2013
47. Caldeira, F. and Schaberreiter, T. and Varrete, S. and Edmundo Monteiro and Simões, P. and Bouvry, P. and Khadraoui@tudor.lu, D. , "Trust based interdependency weighting for online risk monitoring in interdependent critical infrastructures", International Journal of Secure Software Engineering (IJSSE), vol. 4, 2013
48. Rolla, V.G. and Marilia Curado , "A Reinforcement Learning-based Routing for Delay Tolerant Networks", Engineering Applications of Artificial Intelligence, 2013 [DOI]
49. Conceição, L. and Marilia Curado , "Onto Scalable Wireless Ad Hoc Networks: Adaptive and Location-aware Clustering", Ad Hoc Networks, vol. 11, pp. 2484-2499, 2013 [DOI]
50. Sousa, B. and Pentikousis, K. and Marilia Curado , "Multihoming: A Comprehensive Review", Elsevier Academic Press Advances in Computers, vol. 90, pp. 285-365, 2013
51. Cerqueira, E. and Neto, A. , "A Cluster-based Approach to provide Energy-Efficient in WSN", International Journal of Computer Science and Network Security, 2013
52. Rosário, D.L. and Cerqueira, E. and Neto, A. , "A QoE handover architecture for converged heterogeneous wireless networks", Wireless Networks, 2013
53. Rosário, D.L. and Cerqueira, E. and Neto, A. , "A Routing Protocol Based on Energy and Link Quality for Internet of Things Applications", Sensors (Basel), 2013
54. Rosário, D.L. and Cerqueira, E. and Neto, A.J.V. and Andre Riker and Roger Immich and Marilia Curado , "A QoE handover architecture for converged heterogeneous wireless networks", Wireless Networks , vol. 1, 2013 [DOI]
55. Fiorese, A. and Junior, O.C.A. and Matos, F.M. and Ruppenthal, R.M. , "Multi-Criteria Approach to Select Service Providers in Collaborative/Competitive Multi-providers Environments", International Journal of Computer Science and Network Security, vol. 13, pp. 15-22, 2013
56. Boavida, F. and Cerqueira, E. and Mauthe, A. and Marilia Curado and Lua, E.K. , "Special Section on “Human-centric Multimedia Networking”", Computer Communications, vol. 36, pp. 1606-1664, 2013
57. Rodrigues, A. and Jorge Sá Silva and Boavida, F. , "iSenior—A Support System for Elderly Citizens", IEEE Transactions on Emerging Topics in Computing, 2013

58. Simões, A. and Costa, E. , "Prediction in evolutionary algorithms for dynamic environments", *Soft Computing*, pp. 1-27, 2013 [DOI]
59. Llanio-Trujillo, J.L. and Marques, J.C. and Pereira, F.B. , "New insights on lithium-cation microsolvation by solvents forming hydrogen-bonds: Water versus methanol", *Computational and Theoretical Chemistry*, 2013
60. Moraglio, A. and Togelius, J. and Sara Silva , "Geometric Differential Evolution for Combinatorial and Programs Spaces", *Evolutionary Computation Journal*, to appear, 2013
61. Liefoghe, A. and Paquete, L. and Figueira, J. , "On local search for bi-objective knapsack problems", *Evolutionary Computation*, vol. 21, pp. 179-196, 2013
62. Paquete, L. and Jaschob, M. and Klamroth, K. and Gorski, J. , "On a biobjective search problem in a line: formulations and algorithms.", *Theoretical Computer Science*, vol. 507, pp. 61-71, 2013
63. Abbasi, M. and Paquete, L. and Liefoghe, A. and Monsanto, M. and Matias, P. , "Improvements on bicriteria pairwise sequence alignment: algorithms and applications", *Bioinformatics*, vol. 29, pp. 996-1003, 2013
64. Figueira, J. and Paquete, L. and Simões, M.A.M. and Vanderpooten, D. , "Algorithmic improvements on dynamic programming for the bi-objective {0,1} knapsack problem", *Computational Optimization and Applications*, vol. 56, pp. 97-111, 2013
65. Vaz, D. and Paquete, L. and Ponte, A. , "A note on the ϵ -indicator subset selection", *Theoretical Computer Science*, vol. 499, pp. 113-116, 2013
66. Konstantos, K. and Kapsalis, A. and Kyriazis, D. and Themistocleous, M. and Paulo Rupino da Cunha , "Open-Source IaaS Fit for Purpose: A Comparison between OpenNebula and OpenStack", *International Journal of Electronic Business Management* , 2013
67. Jorge Cardoso and Pedrinaci, C. and Leidig, T. and Paulo Rupino da Cunha and Leenheer, P.D. , "Foundations of Open Semantic Service Networks", *International Journal of Service Science, Management, Engineering, and Technology*, vol. 4, pp. 1-16, 2013
68. Koumaditis, K. and Paulo Rupino da Cunha , "SOA Implementation Critical Success Factors in Healthcare", *Journal of Enterprise Information Management*, vol. 26, pp. 343-362, 2013
69. Koumaditis, K. and Themistocleous, M. and Paulo Rupino da Cunha , "SOA Implementation Critical Success Factors in Healthcare", *Journal of Enterprise Information Management*, vol. 26, pp. 343-362, 2013
70. Castelhana, N. and Silva, F. and Rezende, M. and Magalhães, L. and Licinio Roque , "Ludic Content in Multisensory Stimulation Environments: An Exploratory Study about Practice in Portugal", *Occupational Therapy International*, vol. 20, pp. 134-143, 2013 [DOI]
71. Cação, R. , "Disconfirmation of Expectations of Utility in e-Learning", *International Journal on e-Learning*, vol. 12, pp. 229-247, 2013
72. Cretan, A. and Catarina Ferreira da Silva and Coutinho, C. and Jardim-Gonçalves, R. and Ghodous, P. , "Framework for Ontology-based Negotiation to Support Enterprise Interoperability in Cloud-based Environments", *International Journal of Electronic Business Management*, 2013

73. Catarina Ferreira da Silva and Ghodous, P. and Barhamgi, M. , "Special issue on Cloud Computing", International Journal of Electronic Business Management , 2013
74. Vargas-Solar, G. and Catarina Ferreira da Silva and Ghodous, P. and Zechinelli-Martini, J. , "Moving Energy Consumption Control into the Cloud by Coordinating Services", INTERNATIONAL JOURNAL OF COMPUTERS AND THEIR APPLICATIONS, vol. 20, pp. 236-244, 2013
75. Basias, N. and Themistocleous, M. and Morabito, V. , "SOA adoption in e-banking", Journal of Enterprise Information Management, vol. 26, pp. 719-739, 2013
76. Laranjeiro, N. and Marco Vieira and Madeira, H. , "A Technique for Deploying Robust Web Services", IEEE Transactions on Services Computing, 2013
77. Donovan, T.O. and Brown, J. and Bsching, F. and Alberto Cardoso and Cecílio, J. and O, J.d. and Furtado, P. and P. Gil and Klein, A. and Poettner, W. and Roedig, U. and Jorge Sá Silva and Silva, R.M. and Sreenan, C. and Vassiliou, V. and Wolf, L. and Zinonos, Z. , "The GINSENG System for Wireless Monitoring and Control: Design and Deployment Experiences", ACM Transactions on Sensor Networks, 2013
78. Javier Cámara and Lemos, R.d. and Marco Vieira and Raquel Almeida and Ventura, R.S. , "Architecture-Based Resilience Evaluation for Self-Adaptive Systems", Computing: Special Issue on Software Architecture for Code Testing and Analysis, 2013
79. Cecílio, J. and Furtado, P. , "Architecture for Uniform (Re)Configuration and Processing over Embedded Sensor and Actuator Networks", IEEE Transactions on Industrial Informatics, vol. 10, pp. 1-20, 2013
80. Jorge Bernardino , "Open Business Intelligence for Better Decision-Making", International Journal of Information Communication Technologies and Human Development (IJICTHD), vol. 5, pp. 20-36, 2013
81. José Fonseca and Seixas, N. and Marco Vieira and Madeira, H. , "Analysis of Field Data on Web Security Vulnerabilities", IEEE Transactions on Dependable and Secure Computing (accepted for publication), 2013
82. José Fonseca and Marco Vieira and Madeira, H. , "Evaluation of Web Security Mechanisms using Vulnerability & Attack Injection", IEEE Transactions on Dependable and Secure Computing (accepted for publication), 2013
83. Fernando Barros , "Aspect-oriented programming and pluggable software units: A comparison based on design patterns", Software Practice and Experience, 2013
84. Fernando Barros , "On the use of Dynamic Topologies for Representing Spatially Moving Entities", ITM Web of Conferences, 2013
85. Cortinhas, C. and Fernando Barros , "Using Attribute Programming to Extend Groovy for Monitoring Variables and Methods", Information, 2013
86. Joao Duraes and Madeira, H. and Cotroneo, D. and Natella, R. , "On Fault Representativeness of Software Fault Injection", IEEE Transactions on Software Engineering, vol. 39, pp. 80-96, 2013 [DOI]

Conference Articles

1. Bandarabadi, M. and António Dourado and Teixeira, C. and Netoff, T. and Parhi, K.K. , "Seizure Prediction with Bipolar Spectral Power Features using Adaboost and SVM Classifiers", in *EMBC'13*, 2013
2. Teixeira, C. and Bruno Direito and António Dourado and Gomes, M.d.P.C. and Loureiro, M.C. , "A phase lock loop (PLL) system for frequency variation tracking during general anesthesia", in *13th Mediterranean Conference on Medical and Biological Engineering (MEDICON 2013)*, 2013
3. Bruno Direito and Teixeira, C. and Ribeiro, B. and António Dourado and Gomes, M.d.P.C. and Loureiro, M.C. , "Spatial dynamics of the topographic representation of electroencephalogram spectral features during general anaesthesia", in *13th Mediterranean Conference on Medical and Biological Engineering (MEDICON 2013)*, 2013
4. Bandarabadi, M. and , J.R. and Teixeira, C. and António Dourado , "Sub-band mean phase coherence for epileptic seizure detection", in *IFMBE International Conference on Health Informatics*, 2013
5. Bruno Direito and Teixeira, C. and Sales, F. and Castelo-Branco, M. and António Dourado , "Influence of circadian rhythms on epileptic seizure predictors based on machine learning methods", in *IFMBE International Conference on Health Informatics*, 2013
6. Couceiro, R. and P. Carvalho and Paiva, R.P. and Muehlsteff, J. . and Henriques, J. , "Characterization of Surrogate Parameters for Blood Pressure Regulation in Neurally-Mediated Syncope", in *EMBS'2013*, 2013
7. Couceiro, R. and P. Carvalho and Paiva, R.P. and Henriques, J. and Muehlsteff, J. . , "Detection of motion artifacts in photoplethysmographic signals: Algorithms comparison", in *1st IFMBE International Conference on Health Informatics – ICHI'2013, Vilamoura, Portugal*, 2013
8. Rocha, T. and Paredes, S. and P. Carvalho and Henriques, J. , "Hypertension Risk Assessment based on a Trend Prediction Methodology", in *International Conference on Health Informatics (ICHI), Vilamoura, 2013*, 2013
9. Henriques, J. and Rocha, T. and Paredes, S. and P. Carvalho , "Pattern detection in vital signals daily collected by means of a tele-monitoring application", in *International Conference on Health Informatics (ICHI), Vilamoura, 2013*, 2013
10. P. Carvalho and Henriques, J. and Rocha, T. and Paredes, S. , "Cardiovascular risk prediction during cardiac rehabilitation", in *International Conference on Health Informatics (ICHI), Vilamoura, 2013*, 2013
11. Rocha, T. and Paredes, S. and P. Carvalho and Henriques, J. , "Matlab Tool Applied to the Trend Prediction of Physiological Time Series", in *2nd Experiment@ International Conference Coimbra, 2013.*, 2013
12. Rocha, T. and Paredes, S. and P. Carvalho and Henriques, J. , "Trend Prediction Methodology Based on Time Series Similarity Analysis and Haar Wavelet Decomposition", in *2nd Experiment@ International Conference Coimbra, 2013*, 2013
13. Paredes, S. and Rocha, T. and P. Carvalho and Henriques, J. and Morais, J. , "Simulation Software Applied to Short Term Cardiovascular Disease Risk Assessment", in *2nd Experiment@ International Conference Coimbra, 2013.*, 2013

14. Paredes, S. and Rocha, T. and P. Carvalho and Henriques, J. and Morais, J. , "Matlab Tool for Cardiovascular Disease Risk Prediction", in *2nd Experiment@ International Conference Coimbra, 2013.*, 2013
15. Henriques, J. and Rocha, T. and Paredes, S. and P. Carvalho , "Telehealth streams reduction based on pattern recognition techniques for events detection and efficient storage in EHR", in *35th Annual International IEEE EMBS Conference, Osaka, 2013.*, 2013
16. Rocha, T. and Paredes, S. and P. Carvalho and Henriques, J. , " An effective wavelet strategy for the trend prediction of physiological time series with application to pHealth systems", in *35th Annual International IEEE EMBS Conference, Osaka, 2013.*, 2013
17. Paredes, S. and Rocha, T. and P. Carvalho and Henriques, J. and Morais, J. , "Cardiovascular Disease Risk Assessment Innovative approaches developed in HeartCycle project", in *35th Annual International IEEE EMBS Conference, Osaka, 2013.*, 2013
18. Paredes, S. and Rocha, T. and P. Carvalho and Henriques, J. and Cabiddu, R. and Morais, J. , "Heart Rate Variability Applied to Short-Term Cardiovascular Event Risk Assessment", in *7th International Conference on Bioinformatics and Biomedical Engineering – ICBBE 2013, Beijing, 2013.*, 2013
19. J. P. Ramos and P. Carvalho and Coimbra, M. , "Towards a Time-Feature Independent Phonocardiogram Segmentation", in *IEEE Engineering in Medicine and Biology Conference, EMBC 2013, 2013*
20. Couceiro, R. and P. Carvalho and Muehlsteff, J. . and Henriques, J. and Meyer, C. , "Blood pressure regulation mechanisms surrogate analysis for Neurally Mediated Syncope", in *Int. Conf. of the IEEE Engineering in Medicine and Biology Society, EMBC2013, 2013*
21. Simões, M. and P. Carvalho and Castelo-Branco, M. , "Specific EEG/ERP Responses to Dynamic Facial Expressions in Virtual Reality Environments", in *The International Conference on Health Informatics, 2013*
22. Paredes, S. and Rocha, T. and P. Carvalho and Henriques, J. and Morais, J. , "Cardiovascular Disease Risk Assessment Innovative approaches developed in HeartCycle project", in *Engineering in Medicine and Biology Society, EMBC, 2013 Annual International Conference of the IEEE, , 2013*
23. Figueiredo, M. and Ribeiro, B. and Ana Maria de Almeida , "On the regularization parameter selection for sparse code learning in electrical source separation", in *Proc. Intl. Conf. on Adaptive and Natural Computing Algorithms, pp. 277-286, LNCS 7824, 2013*
24. Chen, N. and Ribeiro, B. , "A Consensus Approach for Combining Multiple Classifiers in Cost-Sensitive Bankruptcy Prediction", in *in: M. Tomassini et al. (Eds.): ICANNGA 2013, LNCS 7824, pp. 266--276. Springer, Heidelberg (2013), 2013*
25. Costa, J. and Silva, C. and Antunes, M. and Ribeiro, B. , "Defining Semantic Meta-Hashtags for Twitter Classification", in *M. Tomassini et al. (Eds.): ICANNGA 2013, LNCS 7824, pp. 226--235. Springer, Heidelberg (2013), 2013*

26. Ribeiro, B. and Noel Lopes , "Extreme Learning Classifier With Deep Concepts", in *18th Iberoamerican Congress on Pattern Recognition (CIARP 2013)*, LNCS; Springer, 2013
27. Costa, J. and Silva, C. and Ribeiro, B. and Antunes, M. , "CrowdTargeting: Making Crowds More Personal", in *Semantic and Social Media Adaptation and Personalization (SMAP)* , 2013
28. Figueiredo, M. and Ribeiro, B. and Ana Maria de Almeida , "Forecasting the Usage of Home Appliances with Denoised Signal Patterns", in *19th edition of the Portuguese Conference on Pattern Recognition.*, 2013
29. Marques, T. and Paredes, S. and Henriques, J. , "Personalization based on Grouping Strategies for Short-Term Cardiovascular Event Risk Assessment", in *International Conference on Health Informatics (ICHI), Vilamoura, 2013;*, 2013
30. Ivano Irrera and Pereira, C. and Marco Vieira , "The Time Dimension in Predicting Failures: A Case Study ", in *Sixth Latin-American Symposium on Dependable Computing (LADC), 2013*, 2013
31. Januário, F. and Santos, A. and Lucena, C. and Palma, L. and Alberto Cardoso and P. Gil , "Outliers Accommodation in Fuzzy Control Systems over WSN", in *5th KES International Conference on Intelligent Decision Technologies*, 2013
32. P. Gil and Santos, F. and Alberto Cardoso and Palma, L. , "Subspace Propagator-based Approach for Online State-space System Identification", in *2012 IEEE Conference on Control, Systems & Industrial Informatics*, 2013
33. P. Gil and Santos, F. and Alberto Cardoso and Palma, L. , "Parametric Fault Detection in Nonlinear Systems: A Recursive Subspace-based Approach", in *10th International Conference on Informatics in Control, Automation and Robotics*, 2013
34. Palma, L. and MOREIRA, F. and P. Gil and Coito, F. , "Hybrid Approach for Control Loop Performance Assessment", in *5th KES International Conference on Intelligent Decision Technologies*, 2013
35. Palma, L. and Coito, F. and P. Gil , "Simulator of Dynamical Systems and PID Control based on Java Language", in *Exp.at'13*, 2013
36. Panda, Renato and Couceiro, R. and António Oliveira and Paiva, R.P. , "Multi-Modal Music Emotion Recognition: A New Dataset, Methodology and Comparative Analysis", in *10th International Symposium on Computer Music Multidisciplinary Research – CMMR'2013, Marseille, France.*, 2013
37. Teixeira, C. and Fontes, A. and Kruger, M.A.V. and Alvarenga, A. and Pereira, W.C. . , "Expressiveness of temperature-induced changes in backscattered energy in conventional B-mode images", in *International Congress on Acoustics*, 2013
38. Ruano, M.d.G. and Duarte, H.S. and Teixeira, C. , "Tissue Temperature Estimation With Pulse-Echo in Blood Flow Presence", in *IEEE International Symposium on Intelligent Signal Processing*, 2013
39. Teixeira, C. and Ruano, M.d.G. and Pereira, W.C. . , "An interpolation-free and fitting-less sub-sample time-delay estimation algorithm", in *IFMBE International Conference on Health Informatics*, 2013
40. João M. Franco and Barbosa, R. and Relá, M.A.Z. , "Reliability analysis of software architecture evolution", in *Latin-American Symposium on Dependable Computing (LADC 2013)*, 2013

41. João M. Franco , "Self-Adaptive System Case-Study of Architecture-Based Software Reliability", in *Latin-American Symposium on Dependable Computing*, 2013
42. Simões, P. and Cruz, T. and Proença, J. and Edmundo Monteiro , "Honeypots especializados para Redes de Controlo Industrial", in *CIBSI 2013 (Congresso Iberoamericano de Seguridad Informática)*, 2013
43. Dias, J.C. and Pedro Henriques Abreu and Daniel Castro Silva and Fernandes, G. and Machado, P. and Leitão, A.P.d.A. , "Preparing data for urban traffic simulation using sumo", in *SUMO 2013: the First SUMO User Conference, May 15–17 2013, Berlin, Germany, May, 2013*
44. Arrais, J.P. and Oliveira, J.L. and Barbosa, F. , "Quantitative Characterization of Protein Networks of the Oral Cavity", in *7th International Conference on Practical Applications of Computational Biology & Bioinformatics*, 2013
45. Quaresma, P. and Santos, V.A.M.d. and Bouallegue, S. , "The Web Geometry Laboratory Project", in *Conferences on Intelligent Computer Mathematics (CICM2013)*, 2013 [DOI]
46. Baeta, N. and Quaresma, P. , "The full angle method on the OpenGeoProver", in *ThEdu'13, TP Components for Educational Software*, 2013 [DOI]
47. Costa, Hernani and Furtado, B. and Pires, D. and Macedo, L. and Amilcar Cardoso , "Recommending POIs Based on the User's Context and Intentions", in *11th International Conference on Practical Applications of Agents and Multi-Agent Systems*, Salamanca, Spain, 2013 [DOI]
48. Macedo, L. and Costa, Hernani and Amilcar Cardoso , "A Selective Attention-based, Multi-Agent, Travel Information System", in *16th Portuguese Conference on Artificial Intelligence*, 2013
49. Pinhati, F. and Siqueira, S. and Antonio Jose Mendes and Amilcar Cardoso , "LO-C (L) A (S) P: a Model for Supporting the Development of Learning Objects with Sound Manipulation and Social Resources for Music Education", in *Americas Conference on Information Systems*, 2013
50. Francisco, N. and Cabaço, R. and Amilcar Cardoso and Simões, P. , "Application of the Open Archives Initiative protocols in Scientific Articles Databases", in *2013 8th Iberian Conference on Information Systems and Technologies (CISTI)*, 2013
51. Henriques, N. and Bento, C. , "Integration of GPS Traces and Digital Elevation Maps for Improving Bicycle Traffic Simulation Behavior", in *Transportation Research Board 92nd Annual Meeting 2013*, 2013
52. Marco Veloso and Bento, C. and Phithakkitnukoon, S. , "Exploring Relationship Between Taxi Volume and Flue Gases' Concentrations", in *Third International Workshop on Pervasive Urban Applications (PURBA) in conjunction with ACM International Joint Conference on Pervasive and Ubiquitous Computing*, 2013
53. Bhattacharya, S. and Phithakkitnukoon, S. and Nurmi, P. and Klami, A. and Marco Veloso and Bento, C. , "Predicting Bus Ridership", in *Third International Workshop on Pervasive Urban Applications (PURBA) in conjunction with ACM International Joint Conference on Pervasive and Ubiquitous Computing*, 2013
54. Foell, S. and Kortuem, G. and Rawassizadeh, R. and Phithakkitnukoon, S. and Marco Veloso and Bento, C. , "Mining Temporal Patterns of Transport Behaviour for Predicting Future Transport Usage", in *Third International Workshop on Pervasive*

- Urban Applications (PURBA) in conjunction with ACM International Joint Conference on Pervasive and Ubiquitous Computing, 2013
55. Polisciuc, E. and Alves, A.C.d.C.O. and Bento, C. and Machado, P. , "Visualizing urban mobility", in Special Interest Group on Computer Graphics and Interactive Techniques Conference, SIGGRAPH '13, Anaheim, CA, USA, July 21-25, 2013, Poster Proceedings, page 115. ACM, 2013
 56. Rodrigues, J. and Correia, P. and Alves, A.C.d.C.O. and Machado, P. and Pereira, F.C. , "Constructing Route Choice Maps from GPS Traces", in World Conference on Transport Research (open track), 2013
 57. Dias, J.C. and Machado, P. and Pereira, F.C. , "Privacy-aware ant colony optimization algorithm for real time route planning", in Proceedings of the World Conference on Transport Research, May, 2013
 58. Dias, J.C. and Machado, P. and Pereira, F.C. , "Simulating the impact of drivers' personality on city transit", in Proceedings of the World Conference on Transport Research, May, 2013
 59. Gomes, A. and Santos, A.N.F.S. and Antonio Jose Mendes , "A taxonomy of exercises to support individual learning paths in initial programming learning", in 43rd Annual Frontiers in Education (FIE'13) Conference, 2013
 60. Davi Baccan and Macedo, L. , "Revisiting the El Farol problem: a cognitive modeling approach", in Multi-Agent-Based Simulation XIII, MABS 2012, Lecture Notes in Computer Science 7838, pp. 56-68, ISBN: 978-3-642-38858-3, Springer Berlin Heidelberg, 2013
 61. Davi Baccan and Macedo, L. , "Are markets more efficient when cognitive agents act rationally? Evidence from the El Farol", in 16th Portuguese Conference on Artificial Intelligence, 2013
 62. Costa, Hernani and Macedo, L. , "Emotion-Based Recommender System for Overcoming the Problem of Information Overload", in 11th International Conference on Practical Applications of Agents and Multi-Agent Systems, Salamanca, Spain, 2013 [DOI]
 63. Gaspar, Y. and Macedo, L. , "Towards Affect-based User Models: a comparative study with various datasets, features and algorithms, for multi-labeled probabilistic affect detection", in 5th Symposium on Informatics (INForum 2013), Évora, Portugal, 2013
 64. Macedo, L. , "Arguments for a Computational Model for Forms of Selective Attention based on Cognitive and Affective Feelings", in 5th International Conference on Affective Computing and Intelligent Interaction (ACII 2013), 2013
 65. Gonçalo Oliveira, H, and Paulo Gomes , "On the automatic enrichment of a Portuguese wordnet with dictionary definitions", in 16th Portuguese Conference on Artificial Intelligence (EPIA 2013), 2013
 66. Malheiro, R., and Panda, Renato and Paulo Gomes and Paiva, R.P. , "Music Emotion Recognition from Lyrics: A Comparative Study", in 6th International Workshop on Machine Learning and Music, 2013
 67. Rui Encarnação and Paulo Gomes , "Incremental and Hierarchical Document Clustering", in 16th Portuguese Conference on Artificial Intelligence (EPIA 2013), 2013

68. Correia, J. and Machado, P. and Romero, J.J. and Carballal, A. , " Feature Selection and Novelty in Computational Aesthetics", in Evolutionary and Biologically Inspired Music, Sound, Art and Design - Second International Conference, EvoMUSART 2013, Vienna, Austria, April 3-5, 2013. Proceedings, volume 7834 of Lecture Notes in Computer Science, pages 133-144, Springer, 2013
69. Correia, J. and Machado, P. and Romero, J.J. and Carballal, A. , "Evolving Figurative Images Using Expression–Based Evolutionary Art", in Proceedings of the fourth International Conference on Computational Creativity (ICCC), pages 24-31, Sydney, Australia June 12-14 , 2013
70. Leitão, A.P.d.A. and Neves, J.C. and Machado, P. , "A self-adaptive Mate Choice Model for Symbolic Regression", in IEEE Congress on Evolutionary Computation (CEC), 2013
71. Leitão, A.P.d.A. and Machado, P. , "Self-adaptive Mate Choice for Cluster Geometry Optimization", in Conference on Genetic and Evolutionary Computation (GECCO), 2013
72. Dias, J.C. and Pedro Henriques Abreu and Daniel Castro Silva and Fernandes, G. and Machado, P. and Leitão, A.P.d.A. , "Preparing data for urban traffic simulation using sumo", in SUMO 2013: the First SUMO User Conference, May 15–17 2013, Berlin, Germany, May, 2013
73. Kamolov, R. and Machado, P. , "Musical swarms", in BRIDGES 2013 – Mathematical Art Galleries, Enschede, Netherlands, 2013
74. Kamolov, R. and Machado, P. and Cruz, P.M. , "Musical flocks", in Special Interest Group on Computer Graphics and Interactive Techniques Conference, SIGGRAPH '13, Anaheim, CA, USA, July 21-25, 2013, Poster Proceedings, page 93. ACM, 2013
75. Kamolov, R. and Machado, P. and Cruz, P.M. , "Visualizing the flow of users on a wireless network", in Special Interest Group on Computer Graphics and Interactive Techniques Conference, SIGGRAPH '13, Anaheim, CA, USA, July 21-25, 2013, Poster Proceedings, page 114. ACM, 2013
76. Machado, P. and Amaro, H. , "Fitness functions for ant colony paintings", in Proceedings of the fourth International Conference on Computational Creativity (ICCC), pages 32-39, Sydney, Australia June 12-14 , 2013
77. Martins, T. and Machado, P. , "The garden of virtual delights", in BRIDGES 2013 – Mathematical Art Galleries, Enschede, Netherlands, July 27-31, 2013
78. Martins, T. and Machado, P. and Rebelo, A. , "The garden of virtual delights: virtual fauna for a botanical garden", in Special Interest Group on Computer Graphics and Interactive Techniques Conference, SIGGRAPH '13, Anaheim, CA, USA, July 21-25, 2013, Poster Proceedings, page 26. ACM, 2013
79. Pessoa, T. and Marcelino, M.J.P. and Nolan, S. and Antonio Jose Mendes , "Aprender e ensinar a distância na Universidade de Coimbra. O Projeto UC_D", in I Congreso Internacional Conocimiento, tecnologías y enseñanza: políticas y prácticas universitarias - CONTECE 2013, 2013
80. Couceiro, R. and P. Carvalho and Paiva, R.P. and Muehlsteff, J. . and Henriques, J. , "Characterization of Surrogate Parameters for Blood Pressure Regulation in Neurally-Mediated Syncope", in EMBS'2013, 2013
81. Panda, Renato and Paiva, R.P. , "Music Emotion Recognition: The Importance of Melodic Features", in 6th International Workshop on Music and Machine Learning –

- MML'2013 – in conjunction with the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases – ECML/PKDD 2013, Prague, Czech Republic, 2013
82. Panda, Renato and Paiva, R.P. , "Dimensional Music Emotion Recognition: Combining Standard and Melodic Audio Features", in 10th International Symposium on Computer Music Multidisciplinary Research – CMMR'2013, Marseille, France., 2013
 83. Panda, Renato and Couceiro, R. and António Oliveira and Paiva, R.P. , "Multi-Modal Music Emotion Recognition: A New Dataset, Methodology and Comparative Analysis", in 10th International Symposium on Computer Music Multidisciplinary Research – CMMR'2013, Marseille, France., 2013
 84. Couceiro, R. and P. Carvalho and Paiva, R.P. and Henriques, J. and Muehlsteff, J. . , "Detection of motion artifacts in photoplethysmographic signals: Algorithms comparison", in 1st IFMBE International Conference on Health Informatics – ICHI'2013, Vilamoura, Portugal, 2013
 85. Figueiredo, M. and Ribeiro, B. and Ana Maria de Almeida , "On the regularization parameter selection for sparse code learning in electrical source separation", in Proc. Intl. Conf. on Adaptive and Natural Computing Algorithms, pp. 277-286, LNCS 7824, 2013
 86. Figueiredo, M. and Ribeiro, B. and Ana Maria de Almeida , "Forecasting the Usage of Home Appliances with Denoised Signal Patterns", in 19th edition of the Portuguese Conference on Pattern Recognition., 2013
 87. Ilharco, A. and Bastos, A. and Elvas, J.P. and Ana Maria de Almeida , "Generation of road accident risk maps", in CITTA 6th Annual Conference on Planning Research, 2013
 88. Areias, C. and Nuno Antunes and Cunha, J.C. and Marco Vieira , "Towards Runtime V&V for Service Oriented Architectures", in Sixth Latin-American Symposium on Dependable Computing, 2013
 89. Freitas, C. and Santos, D. and Gonçalo Oliveira, H. and Quental, V. , "VARRA: Validação, Avaliação e Revisão de Relações semânticas no AC/DC", in ELC 2010, 2013
 90. Fiorese, A. and Simões, P. and Boavida, F. , "Fiorese, A. ; Simoes, P. ; Boavida, F.; "Approach for service search and peer selection in P2P service overlays", Proceedings of ICOIN 2013 – International Conference on Information Networking, Bangkok, Thailand, 28 – 30 Jan 2013.", in ICOIN 2013: 27th International Conference on Information Networking, 2013
 91. Custódio, R. and Silva, R.M. and Jorge Sá Silva and Boavida, F. and Nunes, D.S. and Herrera, C. , "R. Custódio, R. Silva, J. Sá Silva, D. Nunes, Fernando Boavida, Carlos Herrera, "Mobile IPv6 in Wireless Sensor Networks", in Proceedings of ICST 2013 - Seventh International Conference on Sensing Technology, Wellington, New Zealand, December 3 - 5, 2013", in 7th International Conference on Sensing Technology - ICST 2013, 2013
 92. Rodrigues, A. and Jorge Sá Silva and Boavida, F. , "André Rodrigues, Jorge Sá Silva, Fernando Boavida, "Sistema automatizado para deteção de anomalias en redes de sensores inalámbricas", Libro de actas de JITEL 2013 - XI Jornadas de

- Ingeniería Telemática, Granada, España, 28-30 Octubre 2013", in JITEL 2013 - XI Jornadas de Ingeniería Telemática, 2013
93. Cruz, T. and Simões, P. and Rodrigues, J. and Edmundo Monteiro and Bastos, F. and Laranjeira, A. , "Managed Hybrid Storage for Home and SOHO Environments", in IM 2013 (IFIP/IEEE International Symposium on Integrated Network Management), 2013
 94. Cruz, T. and Simões, P. and Reis, N. and Edmundo Monteiro and Bastos, F. and Laranjeira, A. , "An Architecture for Virtualized Home Gateways ", in IM 2013 (IFIP/IEEE International Symposium on Integrated Network Management), 2013
 95. Granjal, J and Edmundo Monteiro and Jorge Sá Silva , "Application-layer security for the WoT: Extending CoAP to support end-to-end message security for Internet-integrated sensing applications", in The 11th International Conference on Wired/Wireless Internet Communications WWIC 2013, 2013
 96. Granjal, J and Edmundo Monteiro and Jorge Sá Silva , "End-to-end transport-layer security for Internet- integrated sensing applications with mutual and delegated ECC public-key authentication", in IFIP Networking 2013 Conference, 2013
 97. Granjal, J and Edmundo Monteiro and Jorge Sá Silva , "A framework towards adaptable and delegated end-to-end transport-layer security for Internet-integrated Wireless Sensor Networks", in Second Joint ERCIM eMobility and MobiSense Workshop - WWIC 2013, 2013
 98. Andre Riker and Granjal, J and Marilia Curado and Edmundo Monteiro , "Middleware Group Communication Mechanisms in M2M environments", in Second Joint ERCIM eMobility and MobiSense Workshop - WWIC 2013, 2013
 99. Simões, P. and Cruz, T. and Gomes, J. and Edmundo Monteiro , "On the use of Honeypots for Detecting Cyber Attacks on Industrial Control Networks", in 12th European Conference on Information Warfare and Security (ECIW 2013), 2013
 100. D. Palma and Gonçalves, J. and Cordeiro, L. and Simões, P. and Edmundo Monteiro and Chochliouros, I. and Magdalinos, P. , "Tutamen: An Integrated Personal Mobile and Adaptable Video Platform for Health and Protection", in 9th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations (AIAI 2013), 2013 [DOI]
 101. Simões, P. and Cruz, T. and Proença, J. and Edmundo Monteiro , "Honeypots especializados para Redes de Controlo Industrial", in CIBSI 2013 (Congreso Iberoamericano de Seguridad Informática), 2013
 102. Cruz, T. and Simões, P. and Cabaço, P. and A. Gomes and Edmundo Monteiro and Bastos, F. and Laranjeira, A. , "On the Use of Thin-client Set-Top Boxes for IPTV Services", in 38th Annual IEEE Conf. on Local Computer Networks (LCN 2013), 2013
 103. Fonseca, H. and Cruz, T. and Simões, P. and Edmundo Monteiro and Silva, J. and Gomes, P. and Centeio, N. , "Técnicas de classificação e detecção de tráfego para Voice over Internet Protocol (VoIP) (short paper)", in CRC'13, 13ª Conferência sobre Redes de Computadores, 2013
 104. Leithardt, V. and Correia, L. and Geyer, C. and Raposo, D. and Nunes, D.S. and Jorge Sá Silva and Borges, G. and Roseto, A. and Rolim, C. , "A Solution for Identifying Users in Pervasive Environments Using Percontrol", in Conferência Latino-Americana de Informática (CLEI 2013), 2013

105. Leithardt, V. and Roseto, A. and Rolim, C. and Geyer, C. and Nunes, D.S. and Jorge Sá Silva and Borges, G.A. and Carrera, I.M. , "Mobile Architecture for Identifying users in Ubiquitous Environments Focused on Percontrol", in The Seventh International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies - UBICOMM 2013, 2013
106. Cruz, T. and Simões, P. , "A Management Framework for Residential Broadband Environment", in IM 2013 (IFIP/IEEE International Symposium on Integrated Network Management), 2013
107. Francisco, N. and Cabaço, R. and Amílcar Cardoso and Simões, P. , "Application of the Open Archives Initiative protocols in Scientific Articles Databases", in 2013 8th Iberian Conference on Information Systems and Technologies (CISTI), 2013
108. Roger Immich and Cerqueira, E. and Marília Curado , "Adaptive Video-Aware FEC-based Mechanism with Unequal Error Protection Scheme", in ACM SAC, 2013
109. Cerqueira, E. and Quadros, C. and Neto, A.J.V. and Andre Riker and Roger Immich and Marília Curado and Pescapé, A. , "A Quality of Experience Handover System for Heterogeneous Multimedia Wireless Networks", in International Conference on Computing, Networking and Communications (ICNC), 2013
110. Vitor Bernardo and Marília Curado and Braun, T. , "Enhancing IEEE 802.11 Energy Efficiency for Continuous Media Applications", in EE-LSDS 2013, Energy Efficiency in Large Scale Distributed Systems conference, 22-24 April 2013, Vienna, Austria, 2013 [DOI]
111. Sousa, B. and Marília Curado and Pentikousis, K. , "Enhancing Path Selection in Multihomed Nodes", in MONAMI'13, 2013
112. Sousa, B. and Santos, R. and Marília Curado and Pertet, S. and Gandhi, R. and Silva, C. and Pentikousis, K. , "Expedient Reconfiguration in the Cloud", in CAMAD'13, 2013
113. Conceição, L. and Marília Curado , "Modeling Mobility based on Human Behaviour in Disaster Areas", in 11th International Conference on Wired/Wireless Internet Communications (WWIC 2013), 2013 [DOI]
114. Dalmazo, B.L. and João P. Vilela and Marília Curado , "Predicting Traffic in the Cloud: A Statistical Approach", in IEEE International Conference on Cloud and Green Computing 2013, 2013
115. Vinhas, A. and Vitor Bernardo and Marília Curado and Braun, T. , "Performance Analysis and Comparison between Legacy-PSM and U-APSD", in 13th Portuguese Conference on Computer Networks (CRC 2013), 14-15 November 2013, Leiria, Portugal, 2013
116. Quadros, C. and Neto, A. and Cerqueira, E. , "Enhancing Dependability in Future Internet Systems by Applying Over-Provisioning Centric Resource Allocation Control", in IEEE International Conference on Computing, Networking and Communications. (ICNC 2013), 2013
117. Rosário, D.L. and Braun, T. and Zhao, Z. and Cerqueira, E. , "Disseminating WMSN Data by Using Social Network and Web", in European Conference on Wireless Sensor Networks (EWSN 2013), 2013
118. Neto, A.J.V. and Cerqueira, E. , "Over-provisioning Centric Network Resource Control in Future Internet Systems", in 18th IEEE Symposium on Computers and Communications (IEEE ISCC 2013), 2013

119. Cerqueira, E. , "Adaptive Contact Volume Prediction in Delay Tolerant Networks", in 18th IEEE Symposium on Computers and Communications (IEEE ISCC 2013), 2013
120. Rosário, D.L. and Zhao, Z. and Braun, T. and Cerqueira, E. , "Topology and Link Quality-aware Geographical Opportunistic Routing in Wireless Ad-hoc Networks.", in The 9th International Wireless Communications & Mobile Computing Conference (IWCMC 2013), 2013
121. Rosário, D.L. and Cerqueira, E. and Braun, T. and Zhao, Z. , "Assessment of a Robust Opportunistic Routing for Video Transmission in Dynamic Topologies", in IFIP Wireless Days 2013, 2013
122. Fiorese, A. and Junior, O.C.A. and Andrade, G.d.C.d. , "Análise comparativa da seleção de pares em uma P2P SON", in Computer on the Beach, 2013
123. Soares, C. and Correa, S. and Cardoso, K.V. and Borges, V.C.M. , "An evolution-inspired algorithm for efficient dynamic spectrum selection", in Information Networking (ICOIN), 2013 International Conference on, 2013 [DOI]
124. Antonescu, A. and A. Gomes and Robinson, P. and Braun, T. , "SLA-Driven Predictive Orchestration for Distributed Cloud-Based Mobile Services", in IEEE International Conference on Communications 2013: IEEE ICC'13 - 1st International Workshop on Mobile Cloud Networking and Services (MCN), Budapest, Hungary, 2013
125. João P. Vilela and Barros, J. , "Collision-free Jamming for Enhanced Wireless Secrecy", in IEEE WoWMoM Fourth International Workshop on Data Security and Privacy in Wireless Networks (D-SPAN), 2013
126. Tiago Baptista and Costa, E. , "Step Evolution: Improving the Performance of Open-Ended Evolution Simulations", in IEEE ALIFE 2013, The 2013 IEEE Symposium on Artificial Life, 2013, 2013
127. Melo, L. and Pereira, F.B. and Costa, E. , "Multi-caste ant colony algorithm for the dynamic traveling salesperson problem", in M. Tomassini et al. (Eds.): ICANNGA 2013, LNCS 7824, pp. 226--235. Springer, Heidelberg (2013), April 2013, 2013
128. Tiago Baptista and Costa, E. , "Open-Ended Evolution of a Circadian Rhythm", in ECAL 2013, 12th European Conference on Artificial Life, 2013
129. Lourenço, N. and Pereira, F.B. and Costa, E. , "The Importance of the Learning Conditions in Hyper-Heuristics", in Genetic and Evolutionary Computation Conference (GECCO 2013), 2013
130. Lourenço, N. and Pereira, F.B. and Costa, E. , "Learning Selection Strategies for Evolutionary Algorithms", in Artificial Evolution (EA-2013), 2013
131. Melo, L. and Pereira, F.B. and Costa, E. , "Effective Multi-caste Ant Colony System for Large Dynamic Traveling Salesperson Problems", in Artificial Evolution (EA-2013), 2013
132. Simões, A. and Costa, E. , "Extended Virtual Loser Genetic Algorithm for the Dynamic Traveling Salesman Problem", in Proceedings of the 2013 Genetic and Evolutionary Computation Conference (GECCO 2013), Christian Blum (Ed.), pp. 869-876, Amsterdam, The Netherlands, 06-10, ACM, New York, NY, USA, 2013., 2013
133. Dinis, R. and Simões, A. and Jorge Bernardino , "GraphEA: A 3D Educational Tool for Genetic Algorithms", in Proceedings of the 2013 Genetic and Evolutionary

- Computation Conference (GECCO 2013), Christian Blum (Ed.), pp. 1293-1300, Amsterdam, The Netherlands, 06-10, ACM, New York, NY, USA, 2013., 2013
134. Ivo Gonçalves and Sara Silva , "Balancing Learning and Overfitting in Genetic Programming with Interleaved Sampling of Training Data", in 16th European Conference on Genetic Programming (EuroGP 2013), 2013
 135. Sara Silva and Ingalalli, V. and Vinga, S. and Carreiras, J.M.B. and Melo, J. and Castelli, M. and Vanneschi, L. and Ivo Gonçalves and Caldas, J. , "Prediction of Forest Aboveground Biomass: An Exercise on Avoiding Overfitting", in EvoApplications, 2013
 136. Vanneschi, L. and Castelli, M. and Manzoni, L. and Sara Silva , "A New Implementation of Geometric Semantic GP and its Application to Problems in Pharmacokinetics", in EuroGP-2013, 2013
 137. Castelli, M. and Sara Silva and Vanneschi, L. and Cabral, A. and Vasconcelos, M. and Catarino, L. and Carreiras, J.M.B. , "Land Cover/Land Use Multiclass Classification Using GP With Geometric Semantic Operators", in EvoApplications-2013, 2013
 138. Rodrigues, J. and Correia, P. and Alves, A.C.d.C.O. and Machado, P. and Pereira, F.C. , "Constructing Route Choice Maps from GPS Traces", in World Conference on Transport Research (open track), 2013
 139. Barata, J. and Paulo Rupino da Cunha , "ISO2: A New Breath for the Joint Development of IS and ISO 9001 Management Systems", in 22nd International Conference on Information Systems Development (ISD), Seville, Spain, 2013
 140. Barata, J. and Paulo Rupino da Cunha , "Modeling the Organizational Regulatory Space: A Joint Design Approach", in 6th IFIP WG 8.1, The Practice of Enterprise Modeling (PoEM), LNBIP 165, Riga, Latvia, 2013
 141. Barata, J. and Paulo Rupino da Cunha , "Five Dimensions of Information Systems: A Perspective from the IS and Quality Managers", in 10th European, Mediterranean & Middle Eastern Conference on Information Systems (EMCIS), Windsor, UK, 2013
 142. Barata, J. and Paulo Rupino da Cunha and Costa, C.M.C. , "The Foundations for an IS Quality Culture in the Context of ISO 9001", in 10th European, Mediterranean & Middle Eastern Conference on Information Systems (EMCIS), Windsor, UK, 2013
 143. Antunes, A.S. and Paulo Rupino da Cunha , "Business Processes the Way They Should Be: Tuning for Low Friction and Sustainability", in European Conference on Information Systems (ECIS), 2013
 144. Paulo Rupino da Cunha and Melo, P. and Catarina Ferreira da Silva , "Avoiding lock-in: timely reconfiguration of a virtual cloud platform on top of multiple PaaS and IaaS providers", in IEEE 6th International Conference on Cloud Computing, IEEE Computer Society ed. Santa Clara Marriott, CA, USA. IEEE Computer Society, 2013
 145. Barata, J. and Paulo Rupino da Cunha and Costa, C.M.C. , "Developing an IS Quality Culture with ISO 9001: Hopefully, a Never Ending Story", in 24th Australasian Conference on Information Systems (ACIS), Melbourne, Australia, 2013
 146. Valter Alves and Licinio Roque , "Design Patterns in Games: the case for Sound Design", in DPG 2013 - 2nd Workshop on Design Patterns in Games, co-located

- with FDG 2013 - 8th International Conference on the Foundations of Digital Games, 2013
147. Pires, D. and Valter Alves and Licinio Roque , "Dynamic enhancement of videogame soundscapes", in Audio Mostly 2013, the 8th Conference on Interaction with Sound, 2013
 148. Pires, D. and Valter Alves and Licinio Roque , "Uma Proposta de Arquitectura para Composição Dinâmica de Soundscapes em Videojogos", in Videojogos2013, Conferência de Ciências e Artes dos Videojogos, 2013
 149. Craveirinha, R. and Santos, L.L. and Licinio Roque , "An Author-Centric Approach to Procedural Content Generation", in ACE 2013 the 10th International Conference in Advances in Computer Entertainment Technology, 2013
 150. Nunes, E. and Nunes, F.S.L. and Licinio Roque , "Feasibility Analysis of an Assessment Model of Knowledge Acquisition in Virtual Environments: a Case Study Using a Three-dimensional Atlas of Anatomy", in AMCIS 2013 the 19th Americas Conference on Information Systems, 2013
 151. Pereira, L.L. and Licinio Roque , "A Preliminary Evaluation of a Participation-centered Gameplay Experience Design Model", in SouthCHI 2013 International Conference on Human Factors in Computing and Informatics, 2013
 152. Pereira, L.L. and Licinio Roque , "Gameplay experience evaluation centered on participation: the fátima game design case", in CHI '13 Extended Abstracts on Human Factors in Computing Systems (CHI EA '13), 2013
 153. Pereira, L.L. and Licinio Roque , "Understanding the Videogame Medium through Perspectives of Participation", in DIGRA 2013 International Conference, 2013
 154. Pires, D. and Pereira, L.L. and Craveirinha, R. and Licinio Roque , "The Blindfold Soundscape Game: A Case for Participation-Centered Gameplay Experience Design and Evaluation", in 8th Audio Mostly Conference: A Conference on interaction with Sound, 2013
 155. Pereira, L.L. and Santa, P.M. and Licinio Roque , "What You Draw Is What You Play: a natural approach to participatory game creation", in 9th Student Interaction Design Research conference, Aarhus University, Denmark, 2013
 156. Craveirinha, R. and Licinio Roque , "Our Ludic Sins – A Survey on our Belief in Videogame Axioms", in Videojogos 2013, 2013
 157. Khalfallah, M. and Figay, N. and Ghodous, P. and Catarina Ferreira da Silva , "Cross-organizational Business Processes Modeling Using Design-by-Contract Approach", in International IFIP Working Conference on Enterprise Interoperability , Enschede, The Netherlands., 2013
 158. Khalfallah, M. and Figay, N. and Barhamgi, M. and Catarina Ferreira da Silva and Ghodous, P. , "Towards Combining Declarative Specification with On-the-fly Mediation", in Services Computing (SCC), 2013 IEEE International Conference on , 2013 [DOI]
 159. Leenheer, P.D. and Jorge Cardoso and Pedrinaci, C. , "Ontological Representation and Governance of Business Semantics in Compliant Service Networks", in 4th International Conference on Exploring Service Science (IESS 1.3), 2013

160. Jorge Cardoso and Pedrinaci, C. and Leenheer, P.D. , "Open Semantic Service Networks: Modeling and Analysis", in 4th International Conference on Exploring Service Science (IESS 1.3), 2013
161. Jorge Cardoso , "Modeling Service Relationships for Service Networks", in 4th International Conference on Exploring Service Science (IESS 1.3), 2013
162. Jorge Cardoso and Binz, T. and Breitenbacher, U. and Kopp, O. and Leymann, F. , " Cloud Computing Automation: Integrating USDL and TOSCA", in 25th Conference on Advanced Information Systems Engineering (CAiSE 2013), 2013
163. Seiringer, W. and Jorge Cardoso and Hottum, P. , "Increase Accuracy of Service Costing using Customer Involvement - An Application Scenario based on Service System Analytics", in SIG SVC 2013 Workshop, Delivering and Managing Services in “Systems of Service Systems”, 2013
164. Seiringer, W. and Jorge Cardoso and , J.K.v.B. , "Service System Analytics: Cost Prediction", in 14th IFIP Working Conference on Virtual Enterprises (PRO-VE'13), 2013
165. Jorge Cardoso and Jablonski, S. and Volz, B. , "A navigation metaphor to support mobile workflow systems", in 2nd Int. Workshop on Theory and Applications of Process Visualization (TAProViz'13), 2013
166. Jorge Cardoso and Miller, J. and Bowman, C. and Haas, C. and Sheth, A. and Miller, T.W. , "Open Service Network Analysis", in 1st International IFIP Working Conference on Value-Driven Social Semantics & Collective Intelligence (VaSCO), 2013
167. Jorge Cardoso , "Open Service Networks: Research Directions", in 6th Int. C* Conf. on Computer Science and Software Engineering (C3S2E), 2013
168. Koumaditis, K. and Themistocleous, M. , "SOA Governance from a Healthcare Perspective", in IADIS International Conference, 2013
169. Themistocleous, M. and Koumaditis, K. and Vassilacopoulos, G. , "Providing Integrated e-Health Services for Personalized Medicine utilizing Cloud Infrastructure", in European, Mediterranean & Middle Eastern Conference on Information Systems 2013(EMCIS 2013), 2013
170. Basias, N. and Themistocleous, M. and Morabito, V. , "A Decision Making Framework for SOA Adoption in e-Banking: A Case Study Approach", in 4th International Conference on Economics, Business and Management, 2013
171. Ivano Irrera and Joao Duraes and Marco Vieira and Madeira, H. , "Assessing the Impact of Virtualization on the Generation of Failure Prediction Data ", in Sixth Latin-American Symposium on Dependable Computing (LADC), 2013, 2013 [DOI]
172. Javier Cámara and Lemos, R.d. and Laranjeiro, N. and Ventura, R.S. and Marco Vieira , "Robustness Evaluation of Controllers in Self-Adaptive Software Systems", in Latin-American Symposium on Dependable Computing (LADC 2013), 2013
173. Nuno Antunes and Marco Vieira , "SOA-Scanner: An Integrated Tool to Detect Vulnerabilities in Service-Based Infrastructures", in 10th IEEE International Conference on Services Computing (SCC 2013), 2013
174. Naghmev Ivaki and Laranjeiro, N. and Marco Vieira , "Towards Evaluating the Impact of Data Quality on Service Applications", in Workshop on Reliability and Security Data Analysis (RSDA 2013) co-located with the The 43rd Annual

- IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2013), 2013
175. Ricardo Jorge Santos and Jorge Bernardino and Marco Vieira , "A Specific Encryption Solution for Data Warehouses", in DASFAA 2013 - International Conference on Database Systems for Advanced Applications, 2013
 176. Ivano Irrera and Pereira, C. and Marco Vieira , "The Time Dimension in Predicting Failures: A Case Study ", in Sixth Latin-American Symposium on Dependable Computing (LADC), 2013, 2013 [DOI]
 177. Raquel Almeida and Araújo Neto, A.C.d. and Marco Vieira , "SCoRe: An Across-the-Board Metric for Computer Systems Resilience Benchmarking", in 1st Workshop on Systems Resilience (WSR 2013), 2013
 178. Areias, C. and Nuno Antunes and Cunha, J.C. and Marco Vieira , "Towards Runtime V&V for Service Oriented Architectures", in Sixth Latin-American Symposium on Dependable Computing, 2013
 179. Silva, N. and Barbosa, R. and Cunha, J.C. and Marco Vieira , "A View on the Past and Future of Fault Injection (Fast Abstract)", in The 43rd Annual IEEE/IFIP International Conference on Dependable Systems and Networks , 2013
 180. Basso, T. and Nuno Antunes and Moraes, R. and Marco Vieira , "An XML-based Policy Model for Access Control in Web Applications", in 24th International Conference on Database and Expert Systems Applications (DEXA '13), 2013 [DOI]
 181. Nuno Antunes and Brancati, F. and Ceccarelli, A. and Bondavalli, A. and Marco Vieira , "A Monitoring and Testing Framework for Critical Off-The-Shelf Applications and Services", in 3rd IEEE International Workshop on Software Certification (WoSoCer2013) co-located with the 24rd IEEE International Symposium on Software Reliability Engineering (ISSRE 2013), 2013
 182. Azevedo, D.R. and Ambrósio, A.M. and Marco Vieira , "HLA Middleware Robustness and Scalability Evaluation in the context of Satellite Simulators", in The 19th IEEE Pacific Rim International Symposium on Dependable Computing, PRDC 2013, 2013
 183. Milenkoski, A. and Payne, B.D. and Nuno Antunes and Marco Vieira and Kounev, S. , "HInjector: Injecting Hypercall Attacks for Evaluating VMI-based Intrusion Detection Systems", in Poster Paper, The 2013 Annual Computer Security Applications Conference (ACSAC 2013), 2013
 184. Mendes, M.R.N. and Bizarro, P. and Marques, P. , "Overcoming Memory Limitations in High-Throughput Event-Based Applications", in 4th ACM/SPEC International Conference on Performance Engineering, 2013 [DOI]
 185. Mendes, M.R.N. and Bizarro, P. and Marques, P. , "Towards a Standard Event Processing Benchmark", in 4th ACM/SPEC International Conference on Performance Engineering, 2013 [DOI]
 186. Mendes, M.R.N. and Bizarro, P. and Marques, P. , "FINCoS: Benchmark Tools for Event Processing Systems", in 4th ACM/SPEC International Conference on Performance Engineering, 2013 [DOI]
 187. Dinis, R. and Simões, A. and Jorge Bernardino , "GraphEA: A 3D Educational Tool for Genetic Algorithms", in Proceedings of the 2013 Genetic and Evolutionary Computation Conference (GECCO 2013), Christian Blum (Ed.), pp. 1293-1300, Amsterdam, The Netherlands, 06-10, ACM, New York, NY, USA, 2013., 2013

188. Marinheiro, A. and Jorge Bernardino , "OpenBRR Evaluation of an Open Source BI Suite", in C3S2E'13 - Sixth International C* Conference on Computer Science & Software Engineering, 2013
189. Abramova, V. and Jorge Bernardino , "NoSQL Databases: MongoDB vs Cassandra", in C3S2E'13 - Sixth International C* Conference on Computer Science & Software Engineering, 2013
190. João M. Franco and Barbosa, R. and Relá, M.A.Z. , "Reliability analysis of software architecture evolution", in Latin-American Symposium on Dependable Computing (LADC 2013), 2013 [DOI]
191. José Luís Nunes and Cunha, J.C. and Barbosa, R. and Relá, M.A.Z. , "Reconfiguração Dinâmica Parcial de FPGA em Sistemas de Controlo", in 9th Portuguese Meeting on Reconfigurable Systems (REC 2013), 2013
192. Nogueira, A.F. and Ribeiro, J.C.B. and Vega, F.F.d. and Relá, M.A.Z. , "eCrash: An Empirical Study on the Apache Ant Project", in SSBSE 2013 - 5th International Symposium on Search-Based Software Engineering, 2013 [DOI]
193. José Luís Nunes and Cunha, J.C. and Barbosa, R. and Relá, M.A.Z. , "Evaluating Xilinx SEU Controller Macro for Fault Injection", in The 43rd Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN), 2013
194. Fernando Barros , "Representing Dynamic Pluggable Software Units", in 28th Symposium On Applied Computing, 2013
195. Fernando Barros , "{On the Representation of Product Lines using Pluggable Software Units: Results from an Exploratory Study", in Symposium on Theory of Modeling and Simulation, 2013
196. Magalhaes, J.P. and Silva, L. , "Adaptive Monitoring of Web-based Applications: A Performance Study", in 28th Symposium On Applied Computing, 2013
197. Magalhaes, J.P. and Silva, L. , "Self-healing Performance Anomalies in Web-based Applications", in IEEE International Symposium on Network Computing and Applications, 2013 [DOI]
198. Alcides Fonseca and Cabral, B. , "AeminiuGPU: An Intelligent Framework for GPU Programming", in Facing the Multicore-Challenge III, 2013
199. Tiago Baptista and Costa, E. , "Step Evolution: Improving the Performance of Open-Ended Evolution Simulations", in IEEE ALIFE 2013, The 2013 IEEE Symposium on Artificial Life, 2013, 2013
200. Tiago Baptista and Costa, E. , "Open-Ended Evolution of a Circadian Rhythm", in ECAL 2013, 12th European Conference on Artificial Life, 2013
201. Samuel Neves and Araujo, F. , "Engineering nonlinear pseudorandom number generators", in 10th International Conference on Parallel Processing and Applied Mathematics (PPAM 2013), Warsaw, Poland, 2013
202. Rocha, R.P. and Portugal, D. and Couceiro, M. and Araujo, F. and Menezes, P. and Lobo, J. , "The CHOPIN project: Cooperation between Human and rObotic teams in catastroPhic INcidents", in IEEE International Symposium on Safety, Security, and Rescue Robotics, Linköping, Sweden, 2013
203. Javier Cámara and Correia, P.G.R. and Lemos, R.d. and Garland, D. and Schmerl, B. and Ventura, R.S. , "Evolving an Adaptive Industrial Software System to Use Architecture-based Self-Adaptation", in Proceedings of the 8th International

Symposium on Software Engineering for Adaptive and Self-Managing Systems (SEAMS 2013), 2013

204. Bailey, C. and Chadwick, D. and Lemos, R.d. and Siu, K. , "Enabling the Autonomic Management of Federated Identity Providers.", in 7th International Conference on. Autonomous Infrastructure, Management and Security (AIMS 2013), 2013
205. Samuel Neves and Aumasson, J. and Wilcox-O'Hearn, Z. and Winnerlein, C. , "BLAKE2: simpler, smaller, fast as MD5", in Applied Cryptography and Network Security - 11th International Conference, ACNS 2013, 2013

Books

1. Granjal, J, "Gestão de Sistemas e Redes em Linux, 3ª Edição Actualizada e Aumentada", vol. 1, 2013

Book Chapters

1. Ruano, M.d.G. and Teixeira, C. and Rahmati, J.J. , "Characterization of Temperature-Dependent Echo-Shifts and Backscattered Energy Induced by Thermal Ultrasound", in Soft Computing Applications, vol. ., pp. 421-431, 2013
2. Ana Maria de Almeida , "On an optimization model for Approximate Nonnegative Matrix Factorization", in Computational Intelligence and Decision Making: Trends and Applications, Eds: A.Madureira, C.Reis, and V. Marques, vol. 61, pp. 249-257, 2013
3. Alves, A.C.d.C.O. and Pereira, F.C. , "Semantic enrichment of places: From public places descriptions to linked data", in Perspectives of Ontology Learning, vol. 1, pp. 201-218, 2013
4. Antunes, B. and Joel Cordeiro and Paulo Gomes , "An Approach to Context Modeling in Software Development", in Software and Data Technologies, Communications in Computer and Information Science, vol. 411, pp. 188-202, 2013 [DOI]
5. Granjal, J and Edmundo Monteiro and Jorge Sá Silva , "Security Issues and Approaches on Wireless M2M Systems", in Wireless Networks and Security, vol. 1, pp. 133-164, 2013
6. Roger Immich and Cerqueira, E. and Marilia Curado , "Cross-layer FEC-based Mechanism for Packet Loss Resilient Video Transmission", in Data Traffic Monitoring and Analysis: From measurement, classification and anomaly detection to Quality of experience, vol. 1, pp. 1-17, 2013
7. Figueiredo, A. D. , "On the Historical Nature of Engineering Practice", in Williams, B., Figueiredo, J., and Trevelyan, J. (2013) Engineering Practice in a Global Context: Understanding the Technical and the Social, vol. 1, pp. 7-32, 2013
8. Osocha, P. and Cunha, J.C. and Materase, F. , "Selected Challenges on Security and Dependability of Embedded Systems", in Innovative Technologies for Dependable OTS-Based Critical Systems, vol. 1, pp. 175-185, 2013

9. Nuno Antunes and Marco Vieira , "Security Testing in SOAs: Techniques and Tools", in Innovative technologies for dependable OTS-based critical systems, vol. 1, pp. 159-174, 2013 [DOI]
10. Napolitano, A. and Carrozza, G. and Laranjeiro, N. and Marco Vieira , "Robustness Testing of Web Services", in Innovative Technologies for Dependable OTS-Based Critical Systems, pp. 55-68, 2013
11. Lemos, R.d. and Giese, H. and Muller, H. and Shaw, M. , "Software Engineering for Self-adaptive Systems: A Second Roadmap Paper", in Software Engineering for Self-Adaptive Systems II, LNCS 7475, vol. 7475, pp. 1-27, 2013
12. Andersson, J. and Baresi, L. and Bencomo, N. and Lemos, R.d. and Gorla, A. and Inverardi, P. and Vogel, T. , "Software Engineering Processes for Self-adaptive Systems", in Software Engineering for Self-Adaptive Systems II, LNCS 7475, vol. 7475, pp. 51-75, 2013
13. José Fonseca and Materase, F. , "Using Vulnerability Injection to Improve Web Security", in Innovative Technologies for Dependable OTS-Based Critical Systems - Challenges and Achievements of the CRITICAL STEP Project, vol. 1, pp. 145-157, 2013
14. José Fonseca and Marco Vieira , "A Survey on Secure Software Development Lifecycles", in Software Development Techniques for Constructive Information Systems Design, vol. 1, pp. 57-73, 2013
15. Cortinhas, C. and Fernando Barros , "Extending the Groovy Language using AST Transformations to Monitor Variables and Methods", in Advances in Intelligent Systems and Computing, vol. 206, pp. 745-752, 2013
16. Ricardo Jorge Santos and Jorge Bernardino and Marco Vieira , "A Hypotension Surveillance and Prediction System for Critical Care", in Handbook of Research on ICTs and Management Systems for Improving Efficiency in Healthcare and Social Care, vol. 1, pp. 341-355, 2013
17. Marco Vieira and Nuno Antunes , "Introduction to Software Security Concepts", in Innovative technologies for dependable OTS-based critical systems, vol. 1, pp. 29-38, 2013 [DOI]
18. Napolitano, A. and Carrozza, G. and Nuno Antunes and Joao Duraes , "Survey on Software Faults Injection in Java Applications", in Innovative technologies for dependable OTS-based critical systems, vol. 1, pp. 101-114, 2013 [DOI]
19. Ricardo Jorge Santos and Jorge Bernardino and Marco Vieira , "Using Data Masking for Balancing Security and Performance in Data Warehousing", in Handbook of Research on Computational Intelligence for Engineering, Science, and Business, vol. 1, pp. 384-409, 2013
20. Jorge Bernardino and Tereso, M. , "Business Intelligence Tools", in Computational Intelligence and Decision Making – Trends and Applications, Series Intelligent Systems, Control and Automation: Science and Engineering, vol. 1, pp. 267-276, 2013

Edited Books

1. Moreira, A. and Benavides, O. and Antonio Jose Mendes , *Proceedings of the ICEM & SIIE 2011* , "Media in Education", vol. n/a, 2013

2. Lange, C. and Aspinall, D. and Carette, J. and Davenport, J. and Kohlhase, A. and Kohlhase, M. and Libbrecht, P. and Quaresma, P. and Rabe, F. and Sojka, P. and Whiteside, I. and Windsteiger, W. , *Proceedings of the Workshops and Work in Progress at CICM 2013* , vol. 1010, 2013
3. Machado, P. and McDermott, J. and Carballal, A. , *Proceedings of the EvoMUSART* , "Evolutionary and Biologically Inspired Music, Sound, Art and Design - Second International Conference, EvoMUSART 2013, Vienna, Austria, April 3-5, 2013. Proceedings", vol. 7834, 2013
4. Cerqueira, E. and Mauthe, A. and Marilia Curado and Leszczuk, M.I. and Boavida, F. and Lua, E.K. , *Proceedings of the Proceedings of the 2013 ACM SIGCOMM Workshop on Future Human-Centric Multimedia Networking 2013* , vol. 1, 2013
5. Purshouse, R.C. and Fleming, P.J. and Fonseca, C.M. and Greco, S. and Shaw, J. , *Proceedings of the 7th International Conference on Evolutionary Multi-Criterion Optimization, EMO 2013* , vol. 7811, 2013
6. Javier Cámara and Lemos, R.d. and Ghezzi, C. and Lopes, A. , "Assurances for Self-Adaptive Systems: Principles, Models, and Techniques", vol. 7740, 2013
7. Lemos, R.d. and Giese, H. and Muller, H. and Shaw, M. , "Software Engineering for Self-Adaptive Systems II. LNCS 7475", vol. 7475, 2013
8. Marco Vieira and Cunha, J.C. , *Proceedings of the 14th European Workshop on Dependable Computing* , "Dependable Computing - 14th European Workshop, EWDC 2013", vol. 7869, 2013 [DOI]
9. Pey, J.L.L. and Jorge Bernardino , *Proceedings of the International Database Engineering & Applications Symposium, IDEAS'13* , vol. 1, 2013
10. Almeida, A.M. and Jorge Bernardino and Mudur, . , *Proceedings of the International C* Conference on Computer Science & Software Engineering (C3S2E)* , "Proceedings of the 6th International C* Conference on Computer Science & Software Engineering", vol. 1, 2013

The iCIS project (CENTRO-07-ST24-FEDER-002003) is co-financed by QREN, in the scope of the Mais Centro Program and European Union's FEDER.