

# **Publicações do DI**

**2014**

**(Livros, capítulos de livros, artigos em revistas e conferências internacionais)**

1. Alysson Bessani, Leucio A. Cutillo, Gianluca Ramunno, Norbert Schirmer, Paolo Smiraglia. The TClouds Platform: From the Concept to the Implementation of Benchmark Scenarios. ACM SIGOPS Operating Systems Review, Vol. 48 , Num. 2, pp. 13-22. ACM Press. July 2014.
2. Ana Jorge and Teresa Chambel, "Visualizations in Time for a New Look at the Movies", Special Issue on Advances in Creative Interfaces and Digital Arts, International Journal of Creative Interfaces and Computer Graphics, 5(2), ISSN 1947-3117, 42-64, July-December 2014.
3. Ana Lino Teixeira, André Falcao. 2014. Structural similarity based kriging for quantitative structure activity and property relationship modeling DOI:10.1021/ci500110v. Journal of Chemical Information and Modeling.
4. André L. Santos, GUI Code Tracing Through Direct Program Interaction, Journal of Software: Evolution and Process, Volume 26, Issue 6, 552-568, 2014.
5. André Lamurias, João Ferreira, and Francisco Couto, Identifying interactions between chemical entities in biomedical text, Journal of Integrative Bioinformatics 11 (3), 247, p. #18, 2014.
6. António E. Ruano, G. Madureira, O. Barros, Hamid R. Khosravani, M.G. Ruano, Pedro M. Ferreira, Seismic detection using support vector machines, Neurocomputing, Volume 135, 5 July 2014, Pages 273-283, ISSN 0925-2312, <http://dx.doi.org/10.1016/j.neucom.2013.12.020>.
7. Bo Li, Yijuan Lu, Afzal Godil, Tobias Schreck, Benjamin Bustos, Alfredo Ferreira, Takahiko Furuya, Manuel J. Fonseca, Henry Johan, Takahiro Matsuda, Ryutarou Ohbuchi, Pedro B. Pascoal, and Jose M. Saavedra, A Comparison of Methods for Sketch-based 3D Shape Retrieval, Computer Vision and Image Understanding (CVIU), 119 (Feb. 2014), pp. 57-80, Elsevier, 2014.
8. Cátia Pesquita, João Ferreira, Francisco Couto, and Mário Silva, The epidemiology ontology: an ontology for the semantic annotation of epidemiological resources, Journal of Biomedical Semantics, vol. 5, no. 4, p. #17, 2014.
9. Christopher Winstanley, Rajiv Ramdhany, François Taïani, Barry Porter and Hugo Miranda. PAMPA in the wild: a real-life evaluation of a lightweight ad-hoc broadcasting family. Journal of Internet Services and Applications, vol. 5(5). April 2014. SpringerOpen. ISSN: 1869-0238. Daniel Faria, Cátia Pesquita, Emanuel Santos, Isabel Cruz and Francisco Couto, "Automatic Background Knowledge Selection for Matching Biomedical Ontologies", Plos One 9(11), 2014.
10. Dulce Domingos, Francisco Martins, Ricardo Martinho, Carlos Cândido. Internet of Things Aware WSBPEL Business Processes - Context variables and expected exceptions. Journal of Universal Computer Science 20 (8) 1109-1129. 2014.
11. Filipe Araujo, Serhiy Boychenko, Raul Barbosa and António Casimiro, Replica placement to mitigate attacks on clouds, Journal of Internet Services and Applications (JISA), Volume 5 Number 1, July 2014. doi=10.1186/s13174-014-0007-z.
12. Gonçalo Gomes, Carlos Duarte, José Coelho, Eduardo Matos, "Designing a Facebook Interface for Senior Users", The Scientific World Journal, vol. 2014, Article ID 741567, 8 pages, 2014.

13. Jeferson L. R. Souza and José Rufino, "The Wi-STARK Architecture For Resilient Real-Time Wireless Communications", Special Issue on 4th Embedded Operating Systems Workshop (EWiLi 2014), SIGBED Review, ISSN: 1551-3688, Volume 11, Number 4, December 2014.
14. João Zamite, Dulce Domingos, Mário J Silva, Carlos Santos. Group-Based Discretionary Access Control in Health Related Repositories. *Journal of Information Technology Research (JITR)*, 7 (1), 78-94, 2014.
15. Jucilene de Medeiros Siqueira , Teresa Afonso Paço, José Silvestre, FL Santos, André Falcão, LS Pereira, 2014, Generating fuzzy rules by learning from olive tree transpiration measurement–An algorithm to automatize Granier sap flow data analysis; *Computers and Electronics in Agriculture* 101, 1-10.
16. Luís Cruz-Filipe, Ivan Lanese, Francisco Martins, António Ravara, Vasco Thudichum Vasconcelos: The stream-based service-centred calculus: a foundation for service-oriented programming. *Formal Asp. Comput.* 26(5): 865-918 (2014).
17. Miguel Garcia, Alysson Bessani, Ilir Gashi, Nuno Neves, Rafael Obelheiro. Analysis of operating system diversity for intrusion tolerance. *Software: Practice and Experience*. Volume 44, Issue 6, pages 735– 770, June 2014.
18. José G. Borges, Jordi Garcia-Gonzalo, Susete Marques, Victor A. Valdebenito, Marc E. McDill, and André O. Falcão, Strategic Management Scheduling, in *The management of Industrial Forest Plantations*. Springer. Netherlands 2014.
19. Alysson Bessani, João Sousa, Eduardo Alchieri. State Machine Replication for the Masses with BFSTSMaRt. *DSN'14: The IEEE/IFIP International Conference on Dependable Systems and Networks*. Atlanta, USA. June 2014.
20. Alysson Bessani, Ricardo Mendes, Tiago Oliveira, Nuno Neves, Miguel Correia, Marcelo Pasin, Paulo Verissimo. SCFS: a Shared Cloud-backed File System. *Proceedings of the USENIX Annual Technical Conference (USENIX ATC)*, Philadelphia, USA, 12 pages, June 2014.
21. Ana Jorge, Sérgio Serra, and Teresa Chambel, "Interactive Visualizations of Video Tours in Space and Time". In *Proc. of British HCI'2014*, The 28th International British Computer Society Human Computer Interaction Conference: Sand, Sea and Sky Holiday HCI, 6 pgs, Southport, UK, Sep 9-12, 2014.
22. André Guerreiro, Jeferson Souza and José Rufino. "Improving NS-2 Network Simulator To Evaluate IEEE 802.15.4 Wireless Networks Under Error Conditions", in *3th International Conference on Sensor Networks (SENSORNETS)*, Lisbon, Portugal, Jan. 2014.
23. André L. Santos, Novel Interaction Metaphors for Object-Oriented Programming Concepts, *Koli Calling '14 International Conference on Computing Education Research*, Joensuu, Finland, 2014.
24. André Rodrigues and Tiago Guerreiro. 2014. SWAT: Mobile System-Wide Assistive Technologies. In *Proceedings of the 28th International BCS Human Computer Interaction Conference (BCS-HCI '14)*. British Computer Society, Southport, UK.
25. André Silva, Diogo Marques, Carlos Duarte, Maria Ana Viana-Baptista, Luís Carriço, "LOST-Map: a victim-sourced rescue map of disaster areas", in *Proceedings of the 20th International Conference on Collaboration and Technology (CRIWG 2014)*, Santiago, Chile, 2014.
26. André Lamurias, João Ferreira, and Francisco Couto, Chemical named entity recognition: Improving recall using a comprehensive list of lexical features, in *Practical Applications of*

Computational Biology and Bioinformatics (PACBB), vol. 294, p. #8, Lecture Notes in Computer Science, 2014.

27. António Casimiro, José Rufino, Ricardo C. Pinto, Eric Vial, Elad M. Schiller, Oscar Morales-Ponce and Thomas Petig, A Kernel-based Architecture fo Safe Cooperative Vehicular Functions. . Invited Paper in Proceedings of the 2014 Symposium on Industrial Embedded Systems, pp.228-237. Pisa, Italy, June 2014. doi=10.1109/SIES.2014.6871208.
28. Antonio Ruano, Pedro M. Ferreira, Neural Network Based HVAC Predictive Control, Proceedings of the 19th IFAC World Congress, 2014, Vol. 19, part 1, 3617-3622.
29. Benoît Delahaye, José Luiz Fiadeiro, Axel Legay, Antónia Lopes: Heterogeneous Timed Machines. ICTAC 2014: 115-132.
30. Bob L. Sturm, Rolf Bardeli, Thibault Langlois, Valentin Emiya, Formalizing the Problem of Music Description. Proc. Int. Symposium on Music Information Retrieval. 2014.
31. Cádia Pesquita, Daniel Faria, Emanuel Santos, J. Neefs, and Francisco Couto, Towards visualizing the alignment of large biomedical ontologies, in The 10th International Conference on Data Integration in the Life Sciences (DILS) , p. #8, 2014.
32. Daniel Faria, Cádia Pesquita, Emanuel Santos, Isabel Cruz and Francisco Couto, "AgreementMakerLight: A Scalable Automated Ontology Matching System", DILS 2014, 29, 2014.
33. Daniel Faria, E. Jiménez-Ruiz, Cádia Pesquita, Emanuel Santos and Francisco Couto, "Towards annotating potential incoherences in BioPortal mappings", ISWC, 2014. In The Semantic Web-ISWC 2014 (pp. 17-32). Springer International Publishing.
34. Diego Kreutz, Alysson Bessani, Eduardo Feitosa, Hugo Cunha. Towards Secure and Dependable Authentication and Authorization Infrastructures. PRDC'14: The 20th IEEE Pacific Rim International Symposium on Dependable Computing. Singapore. December 2014.
35. Dimitris Mostrous and Vasco T. Vasconcelos, Affine Sessions. Coordination Models and Languages, COORDINATION 2014, pp 115-130, Berlin, Germany, June 3-5, 2014, Print ISBN 978-3-662-43375-1, Online ISBN 978-3-662-43376-8, Series ISSN 0302-9743 (LNCS).
36. Dimitris Mostrous, Multiparty Sessions based on Proof Nets, In Proceedings PLACES 2014, EPTCS 155, 2014, pp. 1-8.
37. Diogo Lima, Hugo Miranda, and François Taïani. Towards a new model for cyber foraging. Proceedings of the 13th Workshop on Adaptive and Reflective Middleware. Bordeaux, France. December 9, 2014. ACM.
38. Dulce Domingos, Francisco Martins, Lara Caiola. Decentralising Internet Of Things aware BPMN business processes. 5th International Conference on Sensor Systems and Software. October 6-7, 2014, Coventry, Great Britain.
39. Edurardo R.B. Marques, Francisco Martins, Miguel Simões, "Cooperari: a tool for cooperative testing of multithreaded Java applications", 2014 International Conference on Principles and Practices of Programming on the Java Platform (PPPJ), Cracóvia, Polónia, 2014, ACM.
40. Eric Vial and António Casimiro, Evaluation of Safety Rules in a Safety Kernel-Based Architecture. In Computer Safety, Reliability, and Security, Proceedings of SAFECOMP 2014 Workshops, LNCS, volume 8696, pp.27-35, 2014. doi=10.1007/978-3-319-10557-4\_5.

41. Fábio Botelho, Alysson Bessani, Fernando M. V. Ramos, Paulo Ferreira, "On the Design of Practical Fault-Tolerant SDN Controllers", 3rd European Workshop on Software Defined Networks. Budapest, Hungary. September 2014.
42. Francisco Couto, Rating, recognizing and rewarding metadata integration and sharing on the semantic web, in 3rd International Workshop on Methods for Establishing Trust of (Open) Data (METHOD), 2014.
43. Gonçalo Jesus, Anabela Oliveira and António Casimiro, Ensuring reliable measurements in remote aquatic sensor networks, 11th International Conference on Hydroinformatics (HIC 2014), New York City, USA, August 2014. 8 pages.
44. Hugo Nicolau, Kyle Montague, Tiago Guerreiro, João Guerreiro, and Vicki L. Hanson. 2014. B#: chordbased correction for multitouch braille input. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '14). ACM, New York, NY, USA, 1705-1708. DOI=10.1145/2556288.2557269.
45. Ibéria Medeiros, Nuno Neves, Miguel Correia, Automatic Detection and Correction of Web Application Vulnerabilities using Data Mining to Predict False Positives, Proceedings of the International World Wide Web Conference (WWW), Seoul, Korea, 12 pages, April 2014.
46. Inês Rodolfo, Liliana Laranjo, Nuno Correia, Carlos Duarte, "Design Strategy for a National Integrated Personal Health Record", in Proceedings of the 8th Nordic Conference on Human-Computer Interaction (NordiCHI '14), Helsinki, Finland, 2014.
47. Javier Câmara Moreno, Antónia Lopes, David Garlan, Bradley Schmerl, Impact Models for Architecture-Based Self-adaptive Systems, FACS 2014: 89-107.
48. Jeferson Souza, Ricardo Pinto and Jose Rufino. Mechanisms to Enforce Dependability and Timeliness in Wireless Communications. In proceedings of the IEEE International Conference on Wireless for Space and Extreme Environments, European Space Agency, ESTEC, Noordwijk, The Netherlands, Oct. 2014.
49. João Lobato Oliveira, Keisuke Nakamura, Thibault Langlois, Fabien Gouyon, Kazuhiro Nakadai, Angelica Lim, Luis Paulo Reis, and Hiroshi G. Okuno, Making a Robot Dance to Diverse Musical Genre in Noisy Environment, IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) September 14-18, 2014. Chicago, IL, USA, , 2014.
50. João Martins, José Carilho, Oliver Schnell, Carlos Duarte, Francisco M. Couto, Luís Carriço, and Tiago Guerreiro. 2014. Friendsourcing the unmet needs of people with dementia. In Proceedings of the 11th Web for All Conference (W4A '14). ACM, NY, USA, Article 35, 4 pages. DOI=10.1145/2596695.2596716.
51. João Ramalho, and Teresa Chambel. "Sensing Immersive 360º Mobile Interactive Video". In Proc. of GRAPP'2014, 9th International Conference on Computer Graphics Theory and Applications, Lisbon, Portugal, January 5-8, 2014. pp.397-406.
52. João Ferreira, B. Bono, and Francisco Couto, From data to knowledge: a tool for clustering multi-scale resources for physiology research, in Virtual Physiological Human (VPH), 2014.
53. Jorge M. A. Gomes, Teresa Chambel and Thibault Langlois, A Video Browsing Interface for Collecting Sound Labels using Human Computation in SoundsLike, 9th International Conference on Computer Graphics Theory and Applications (GRAPP), Lisbon, Portugal, January 5-8, 2014. pp.472-481.

54. José Lopes, Nuno Neves, Stopping a Rapid Tornado with a Puff, Proceedings of the IEEE Symposium on Security and Privacy (Oakland), San Jose, USA, 15 pages, May 2014.
55. José Luiz Fiadeiro, Antónia Lopes, Heterogeneous and Asynchronous Networks of Timed Systems. FASE 2014: 79-93.
56. Luca Padovani, Vasco Vasconcelos, Hugo Torres Vieira, Typing liveness in multiparty communicating systems. In: Coordination Models and Languages. Lecture Notes in Computer Science . Springer, pp. 147-162. ISBN 978-3-662-43376-8, 2014.
57. Luis Duarte, Paulo Ribeiro, André Rodrigues, Tiago Guerreiro, Luís Carriço (2014). A Preliminary Assessment of Physical & Virtual Presence in Exergames. 28th International British Computer Society Human Computer Interaction Conference (BCS HCI'14), Southport, UK, September 9-12, 6 pages. British Computer Society: Swinton, UK, 2014.
58. Luis Duarte, Paulo Ribeiro, Tiago Guerreiro and Luís Carriço. 2014. Defining a Design Space for Persuasive Cooperative Interactions in Mobile Exertion Applications. In Collaboration and Technology (pp. 105-112). Springer International Publishing.. 20th International Conference, CRIWG 2014, Santiago, Chile, September 7-10, 2014. Proceedings.
59. Maria Beatriz Carmo, Ana Paula Afonso, António Ferreira, Ana Paula Cláudio, Edgar Monte (2014). Symbol adaptation in outdoor augmented reality. In GRAPP: Proceedings of the 9th international conference on Computer graphics theory and applications, 387–396. Lisbon, Portugal. Lisbon, January 5-8, 2014. ISBN 978-989-8565-46-4.
60. Miguel Costa, Francisco Couto, and Mário Silva, Learning temporal-dependent ranking models,in The 37th annual international ACM Special Interest Group On Information Retrieval conference (ACM SIGIR), p. #10, 2014.
61. Nádia Fernandes, André Rodrigues, Carlos Duarte, Raquel Hijón-Neira, Luís Carriço (2014). Web Accessibility of Mobile and Desktop Representations. 28th International British Computer Society Human Computer Interaction Conference (BCS HCI'14), Southport, UK, September 9-12, 6 pages. British Computer Society: Swinton, UK, 2014.
62. Nuno Cruz and Hugo Miranda. MobiPLity: A trace-based mobility scenario generator for mobile applications. Proceedings of the 11th International Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services (MobiQuitous 2014). London, U.K. December 2-5, 2014. EAI.
63. Nuno Cruz, Hugo Miranda and Pedro Ribeiro. The evolution of user mobility on the eduroam network. Proceedings of the 2014 IEEE International Conference on Pervasive Computing and Communications Workshops (PERCOM Workshops). Budapest, Hungary. March 24, 2014.
64. Pedro Ferreira, Ricardo Martinho, Dulce Domingos. Process invariants: an approach to model expected exceptions. Conference on ENTERpriseInformation Systems (CENTERIS 2014). Elsevier Procedia Technology, 16, 824-833. 2014.
65. Raquel B. Hijón-Neira, Ángel Velázquez-iturbide, Celeste Pizarro-Romero, Luís Carriço (2014). Game programming for improving learning experience. Conference on Innovation & technology in computer science education (ITiCSE '14), Uppsala, Sweden, June 21-25, pp. 225-230. ACM, New York, NY, USA, 2014. ISBN: 978-1-4503-2833-3; DOI: 10.1145/2591708.2591737.
66. Raquel Hijón-Neira, J. Ángel Velázquez-Iturbide, Celeste Pizarro-Romero, Luís Carriço (2014). Serious Games for Motivating into Programming. Frontiers in Education (FiE '14), Madrid, Spain, October 22- 25, 8 pages. IEEE Press, 2014.

67. Raquel Hijon-Neira, J. Ángel Velázquez-Iturbide, Celeste Pizarro-Romero, Luís Carriço (2014). An Interactive Virtual Teacher for improving learning in Moodle. *Frontiers in Education (FiE '14)*, Madrid, Spain, October 22-25, 8 pages. IEEE Press, 2014.
68. Ricardo Dias, Joana Pinto, and Manuel J. Fonseca. Interactive visualization for music rediscovery and serendipity. *28th Int. Human-Computer Interaction (BS HCI'14)*, Southport, UK, Sep 2014.
69. Ricardo Dias, Ricardo Cunha, and Manuel J. Fonseca. A user-centered music recommendation approach for daily activities. In *Workshop on New Trends in Content-based Recommender Systems(CBRecSys'14)*, Sillicoon Valley, USA, Oct 2014.
70. Ricardo Martinho, Dulce Domingos. Quality of Information and Access Cost of IoT Resources in BPMN. Conference on ENTERprise Information Systems (CENTERIS 2014). Elsevier Procedia Technology, 16, 737-744. 2014.
71. Robin Burgess, Teresa Chambel, Ana Paula Cláudio, Maria Beatriz Carmo, Carlos Albuquerque, José Vitor Correia, Luís Romão, Susana R. Ganhão, Manuel Couceiro da Costa, Ana S. Guerreiro, Sara Garcia. "Interactive Visualizer for the Extended Perspective System as Support for Architectural Design". In Proc. of GRAPP'2014, 9th International Conference on Computer Graphics Theory and Applications, Lisbon, Portugal, January 5-8, 2014. pp.453-463.
72. Rui Pires, Francisco Martins and Dulce Domingos, Homogeneous Wireless Sensor Network Programming using MuFFIN. *SENSORNETS 2014 - International Conference on Sensor Networks*, 7-9, January, 2014, Lisbon, Portugal.
73. Sérgio Serra, Ana Jorge and Teresa Chambel, "Multimodal Access to Georeferenced Mobile Video through Shape, Speed and Time". In Proc. of British HCI'2014, The 28th International British Computer Society Human Computer Interaction Conference: Sand, Sea and Sky Holiday HCI, 6 pgs, Southport, UK, Sep 9-12, 2014.
74. Tiago Goncalves, Ana Paula Afonso, Bruno Martins, Visualizing Human Trajectories: Comparing Space-Time Cubes and Static Maps. *Proceedings of 28th British HCI Conference, HCI 2014*, Southport, UK, September 9-12th, 2014.
75. Tiago Oliveira, Ricardo Mendes, Alysson Bessani. Sharing Files Using Cloud Storage Services. *DIHC'14: 2nd Workshop on Dependability and Interoperability in Heterogeneous Clouds* (together with Euro- Par'14). LNCS 8806. Porto, Portugal. August 2014.
76. Coelho, H. Teoria da Agência: Arquitetura e Cenografia, (GrupoA Boookman, Porto Alegre, Brasil), 2014.
77. Coelho, H. A Última Lição, Edição do Autor, Julho 2014.
78. Adamatti, D., Dimuro, G. e Coelho, H. (Eds.) *Interdisciplinary Applications of Agent-Based Social Simulations and Modeling*, IGI Global, ISBN13: 9781 466659704, 2014.
79. Lopes, F. and Coelho, H. (Eds.) *Negotiation and Argumentation, Fundamentals, Theories, Systems and Applications*, Bentham Books, ISBN: 978-1-60805-825-9, 2014.
80. Campos FM, Correia L, Calado JMF (2014) Robot visual localization through local feature fusion: An evaluation of multiple classifiers combination approaches. *J Intell Robot Syst* January. DOI: 10.1007/s10846-013-0016-3
81. Carvalho, A., Santos, C., Dias, C., Coelho, F., Neto, J.P., Nowakowski, R., Vinagre, S., (2014). On Lattices from Combinatorial Game Theory, Modularity and a Representation Theorem: Finite Case, *Theoretical Computer Science*, vol.527, 37--49; DOI:10.1016/j.tcs.2014.01.025, 2014.

82. Castelli M, Silva S, Manzoni L, Vanneschi L (2014). Geometric Selective Harmony Search. *Information Sciences* 279: 468-482, Elsevier.
83. Castelli M, Vanneschi L, Silva S (2014). Prediction of the Unified Parkinson's Disease Rating Scale assessment using a genetic programming system with geometric semantic genetic operators. *Expert Systems with Applications* 41(10): 4608-4616, Elsevier.
84. Castelli M, Silva S, Vanneschi L (2014). A C++ framework for geometric semantic genetic programming. *Genetic Programming and Evolvable Machines*, 10.1007/s10710-014-9218-0, Springer.
85. Gomes, J., Urbano, P., Christensen, A.L. (2014), "PMCNS: Using a Progressively Stricter Fitness Criterion to Guide Novelty Search", *International Journal of Natural Computing Research*, 4(2):1-19.
86. Mariano, P. and Correia, L. (2014) Partner selection using reputation information in n-player cooperative games. *Journal of Telecommunications and Information Technology (JTIT)*, 4:53-60.
87. Santos AT, Marques JF, Correia L (2014) A computational model of semantic memory categorization: Identification of a concept's semantic level from feature sharedness. *Cognitive Computation* 6:175-18.
88. Silva, F., Urbano, P., Christensen, A. L. (2014), "Online Evolution of Adaptive Robot Behaviour", *International Journal of Natural Computing Research*, 4(2):59-77.
89. Luís Correia, André Carvalho, and Sara Silva (Eds.). Bio-Inspired Computation [Special Issue]. *International Journal of Natural Computing Research*, 4(2), April-June 2014. Guest Editorial Preface, pp. iv–vi.
90. Antunes, L., Nunes, D., & Coelho, H. (2014). The Geometry of Desire. In Proceedings of the 2014 International Conference on Autonomous Agents and Multi-agent Systems (pp. 1169–1172). Paris, France: International Foundation for Autonomous Agents and Multiagent Systems.
91. Burgess, R., Chambel, T., Cláudio, A.P., Carmo, M.B., Albuquerque, C., Correia, J.V., Romão, L., Rosado-Ganhão, S., Couceiro-da-Costa, M., Santos-Guerreiro, A. and Garcia, S. (2014), Interactive Visualizer for the Extended Perspective System as Support for Architectural Design, GRAPP 2014- International Conference on Computer Graphics Theory and Applications, pp 453-463, Lisbon
92. Calado, M., Antunes, L., Ramos, A.: Social simulation for optimization of emergency health services policy, IST-Africa Conference Proceedings, p1-8, IEEE Conference Publications. (2014) print ISBN 978-1-905824-43-4 (<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6880612>).
93. Carmo MB, Afonso AP, Ferreira A, Cláudio AP, Montez E (2014) Symbol Adaptation Assessment in Outdoor Augmented Reality, GRAPP 2014- International Conference on Computer Graphics Theory and Applications, pp 387-396, Lisbon
94. Carmo MB, Cláudio AP, Ferreira A, Afonso AP, Redweik P, Catita C, Brito MB, Pedrosa JP (2014) Visualization of Solar Radiation Data in Augmented Reality, Proceedings IEEE International Symposium on Mixed and Augmented Reality 2014, ISMAR 2014, pp 255-256, Munich
95. Cláudio AP, Gaspar A, Lopes E, Carmo MB, (2014) Virtual Characters with Affective Facial Behavior. In: GRAPP 2014- International Conference on Computer Graphics Theory and Applications, pp 348-355, Lisbon
96. Cruz-Filipe L, Gaspar G, Nunes I (2014) Information Flow within Relational Multi-context Systems. In: Janowicz K et al (Eds) EKAW 2014, LNAI 8876, pp. 97–108, 2014. Springer International Publishing Switzerland.
97. Flores, C., Fonseca, J., Bez, M., Respício, A. e Coelho, H. Method for Building a Medical Training Simulator with Bayesian Networks: SimDeCS, KES International Conference on Innovation in Medicine and Healthcare (InMed-14), San Sebastian (Spain), July 9-11, 2014.
98. Gomes J, Mariano P, Christensen AL (2014) Avoiding convergence in cooperative coevolution with novelty search. In International Conference on Autonomous Agents & Multiagent Systems (AAMAS), pgs 1149-1156. IFAAMAS.

99. Gomes J, Mariano P, Christensen AL (2014) Novelty search in competitive coevolution. In: Bartz-Beielstein T, Branke J, Filipic B, Smith J (Eds) Parallel Problem Solving from Nature - PPSN XIII, pgs 233-242. Springer.
100. Gomes J, Mariano P, Christensen AL (2014) Systematic derivation of behaviour characterisations in evolutionary robotics. In: Sayama H, Rieffel J, Risi S, Doursat R, Lipson H (eds) International Conference on the Synthesis and Simulation of Living Systems (ALife), pp 212-219. MIT Press.
101. Ingallali V, Silva S, Castelli M, Vanneschi L (2014). A Multi-dimensional Genetic Programming Approach for Multi-class Classification Problems. 17th European Conference on Genetic Programming (EuroGP-2014), 48-60, Springer.
102. Lemos, C., Coelho, H. e Lopes, R. J. An Agent-Based Model of Civil Violence with Imprisonment Delay and Legitimacy Feedback, 2nd World Conference on Complex Systems (WCCS14), Agadir (Marroco), November 10-12, 2014.
103. Lemos, C., Coelho, H. e Lopes, R. J. Agent-Based Modeling of Protests and Violent Confrontation: A Macro-Situational, Multi-Player, Contextual Rule-based Approach, 5th World Congress of Social Simulation, São Paulo (Brazil), November 4-7 November, 2014.
104. Lemos, C., Lopes, R. J. e Coelho, H. Quantitative measures of emergent properties in Agent-Based models of street protests and violent confrontation, Proceedings of the Brazilian Workshop on Social Simulation (BWSS-2014), November 4, in 5th World Congress on Social Simulation, São Paulo (Brazil), IEEE Press, November 4-7, 2014.
105. Lopes, F., Algarvio, H., Pinto, T., Santos, G., Vale, Z., Praça, I. e Coelho, H. Multi-agent Simulation of Bilateral Contracting with Risk Management and Demand Response, Proceedings of DEXA Conference 2014, Workshop IATEM'14, München (Germany), September 1-4, 2014.
106. Macedo, L. F., Dimuro, G., Aguiar, M. e Coelho, H. Self-regulation of Social Exchanges in MAS, Proceedings of ECAI-2014, Prague (Czech Republic), August 18-22, 2014.
107. Magessi, N., Antunes, L. (2014) "Shadow Economy and Wealth Distribution", in Artificial Economics 10th World Conference, Barcelona, post proceedings in Advances of Artificial Economics, Lecture Notes in Economics and Mathematical Systems Volume 676, 2015, pp 169-179, Springer
108. Magessi, N., Antunes, L. (2014) "High-Skilled Emigration and Wealth Distributions", in 10th European Social Simulation Conference, Barcelona post-proceedings in Advances in Computational Social Science and Social Simulation Miguel, Amblard, Barceló & Madella (eds.) Barcelona: Autònoma University of Barcelona, 2014, DDD repository <<http://ddd.uab.cat/record/125597>>.
109. Mariano, P., Nunes, D. and Correia, L. A comparison of public and private partner selection models in the battle of sexes game. In Complex Systems (WCCS), 2014 Second World Conference on, pages 518-523, IEEE, Nov 2014.
110. Nunes, D., & Antunes, L. (2014). Achieving Consensus with Segregation in Multiple Social Contexts. In S.-H. Chen, T. Terano, R. Yamamoto, & C.-C. Tai (Eds.), Advances in Computational Social Science (Vol. 11, pp. 85-103). Springer Japan. doi: 10.1007/978-4-431-54847-8\_7
111. Ruberto S, Vanneschi L, Castelli M, Silva S (2014). ESAGP – A Semantic GP Framework Based on Alignment in the Error Space. 17th European Conference on Genetic Programming (EuroGP-2014), 150-161, Springer.
112. Silva, F., Correia, L. and Christensen, A.L. Speeding up online evolution of robotic controllers with macro-neurons. In Anna I. Esparcia-Alcázar and Antonio M. Mora, editors, Applications of Evolutionary Computation, Lecture Notes in Computer Science, pages 765–776. Springer Berlin Heidelberg, 2014.
113. Silva F, Duarte M, Oliveira SM, Correia L, Christensen AL (2014) The Case for Engineering the Evolution of Robot Controllers. In: 14th International Conference on the Synthesis & Simulation of Living Systems (ALIFE 14), pp. 703-710. MIT Press, Cambridge, MA.

114. Urbano, P., Naredo, E., Trujillo, L. (2014), "Generalization in Maze Navigation using Grammatical Evolution and Novelty Search", accepted for publication in 3rd International Conference on the Theory and Practice of Natural Computing (TPNC 2014), Granada, December 9-11.
115. Vanneschi L, Silva S, Castelli M, Manzoni L (2014). Geometric Semantic Genetic Programming for Real Life Applications. *Genetic Programming Theory and Practice XI*, 191-209, Springer.
116. Coelho, H., Costa, A. R. e Trigo, P. On Agents Interactions Governed by Morality, Chapter 2 in Adamatti, D., Dimuro, G. e Coelho, H. (Eds.) *Interdisciplinary Applications of Agent-Based Social Simulations and Modeling*, IGI Global, 2014.
117. Cláudio, A. P., Fonseca, S. Sequeira, L., Silva, I.P. (2014) "Shannon switching game and directed variants", *CIM - Mathematical Sciences*, Vol.I, Springer 2014 (authors in alphabetic order)
118. Flores, C., Fonseca, J. M., Bez, M. R., Respício, A. e Coelho, H., Chapter Method for Building a Medical Training Simulator with Bayesian Networks: SimDeCS, in Volume 207 Innovation in Medicine and Healthcare eBook (DOI 10 3233/978-1-61499-474-9-102), Series Studies in Health Technology and Informatics, pp. 102-114, IOS Press, 2014.
119. Magessi, N, Antunes, L. (2014) "Agent's risk relation on strategic tax reporting game", in *Interdisciplinary Applications of Agent-Based Social Simulation and Modeling* (pp. 200-219). Hershey, PA: IGI Global Information Science Reference. doi:10.4018/978-1-4666-5954-4.ch012
120. Neves T, Cruz C., and Correia L. Root growth model based on swarm intelligence models. In Asunción Morte and Ajit Varma, editors, *Root Engineering – Basic and Applied Concepts*, volume 40 of *Soil Biology*, pages 57–73. Springer-Verlag, Germany, 2014.
121. Nunes, D., & Antunes, L. (2014). Social Space in Simulation Models. In D. Adamatti, G. Dimuro, & H. Coelho (Eds.) *Interdisciplinary Applications of Agent-Based Social Simulation and Modeling* (pp. 200-219). Hershey, PA: Information Science Reference. doi:10.4018/978-1-4666-5954-4.ch012
122. Sichman, J. S. e Coelho, H. Autonomous Agents and Multi-Agent Systems, Chapter 1 in Lopes, F. and Coelho, H. (Eds.) *Negotiation and Argumentation, Fundamentals, Theories, Systems and Applications*, Bentham Books, 2014.
123. Silveira, Sara and António Branco, 2014, "Uncovering Discourse Relations to Insert Connectives between the Sentences of an Automatic Summary", In Proceedings, *Lecture Notes in Artificial Intelligence*, 8686, Berlin, Springer, pp.249-261.
124. Branco, António, Catarina Carvalheiro, Francisco Costa, Sérgio Castro, João Ricardo Silva, Cláudia Martins, and Joana Ramos, 2014, "DeepBankPT and Companion Portuguese Treebanks in a Multilingual Collection of Treebanks aligned with the Penn Treebank", *Lecture Notes in Artificial Intelligence*, 8775, Berlin, Springer, pp.207-213.
125. Branco, António, João Rodrigues, Francisco Costa, João Ricardo Silva, Rui Vaz, 2014, "Rolling out Text Categorization for Language Learning Assessment supported by Language Technology", *Lecture Notes in Artificial Intelligence*, 8775, Berlin, Springer, pp.256-261.
126. Del Gaudio, Rosa, Gustavo Batista, António Branco, 2014, "Coping with Highly Imbalanced Datasets: a case-study with definition extraction in a multilingual setting", *Journal of Natural Language Engineering*, 20(3), pp.327-359.
127. Branco, António, João Rodrigues, João Silva, Francisco Costa, Rui Vaz, 2014, "Assessing Automatic Text Classification for Interactive Language Learning", In Proceedings, *iSociety2014 - IEEE International Conference on Information Society*, London, United Kingdom, 10-12 November 2014, pp.72-80.
128. Branco, António, João Silva, Patricia Gonçalves, Francisco Costa, Sara Silveira, Rosa Del Gaudio, João Rodrigues, Sérgio Castro, Lino Rodrigues, Pedro Martins, Filipe Nunes, Eduardo Ferreira, João Alves, Rita Carvalho, Andreia Querido, Mariza Campos, and Nuno Rendeiro, 2014, "The CINTIL and LX Companion Collections of Language Resources and Tools for Portuguese", In Proceedings, *ToRPorEsp -*

Workshop on Tools and Resources for Automatically Processing Portuguese and Spanish, São Carlos, Brazil, 5 October 2014.

129. Gonçalves, Patricia and António Branco 2014, "Open-Domain Web-Based List Question Answering with LX-ListQuestion", In Proceedings of WIMS2014 - the 4th International Conference on Web Intelligence, Mining and Semantics, ACM, Thessaloniki, Greece, 2-4 June 6 pp., doi=10.1145/2611040.2611066.
130. Rehm, Georg, Hans Uszkoreit, Sophia Ananiadou, Núria Bel, Audronė Bielevičienė, Lars Borin, António Branco, Gerhard Budin, Nicoletta Calzolari, Walter Daelemans, Radovan Garabík, Marko Grobelnik, Carmen Garcia-Mateo, Josef Van Genabith, Jan Hajic, Inma Hernaez, John Judge, Svetla Koeva, Simon Krek, Cvetana Krstev, Krister Linden, Bernardo Magnini, Joseph Mariani, John Mcnaught, Maite Melero, Monica Monachini, Asuncion Moreno, Jan Odijk, Maciej Ogrodniczuk, Piotr Pezik, Stelios Piperidis, Adam Przepiórkowski, Eiríkur Rögnvaldsson, Michael Rosner, Bolette Pedersen, Inguna Skadina, Koenraad De Smedt, Marko Tadić, Paul Thompson, Dan Tuviš, Tamás Váradı, Andrejs Vasiljevs, Kadri Vider and Jolanta Zabarskaite, 2013, "The Strategic Impact of META-NET on the Regional, National and International Level", In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asunción Moreno, Jan Odijk and Stelios Piperidis (eds.) Proceedings, LREC2014 - the 9th International Conference on Language Resources and Evaluation, European Language Resources Association (ELRA), Reykjavik, Iceland, 26-31 May 2014, pp.1517-1524.
131. Gonçalves, Patricia and António Branco, 2014, "Answering List Questions using Web as a Corpus", In Proceedings, Demonstrations at the 14th Conference of the European Chapter of the Association for Computational Linguistics, EACL, Gothenburg, Sweden, 26-30 April pp.81-84.
132. Flores, C. D., Fonseca, J. M., Bez, M. R., Respício, A., and Coelho, H. (2014). Method for Building a Medical Training Simulator with Bayesian Networks: SimDeCS. In Graña, M., Toro, C., Howlett, R.J., Jain, L. C.(Eds), Studies in health technology and informatics, 207, 102-114. IOS Press, Amsterdam.
133. Respício, A. and Zaraté, P. (2014). Special issue on Topical Themes in Electronic Negotiation and Collaboration: Introduction, Group Decision and Negotiation, 23(2), 165-166.
134. Phillips-Wren, G., Carlsson, S., Respicio, A., and Brezilon, P. (2014). DSS 2.0 - Supporting Decision Making with New Technologies, Frontiers in Artificial Intelligence and Applications, Vol. 261, IOS Press, Amsterdam.