



2007-2009

ISCTE – Instituto Universitário de Lisboa

NUI GRAM Natural User Interaction, Graphics and Mobility group

Peer reviewed Journal papers:

1. M.N. Gamito, S.C. Maddock, Progressive Refinement Rendering of Implicit Surfaces, *Computers & Graphics*, Volume 31, Issue 5 (October 2007), pp.698-709.
2. M.N. Gamito, S.C. Maddock, Ray casting implicit fractal surfaces with reduced affine arithmetic *The Visual Computer*, 23(3) (February 2007), pp.155-165

Other publications

1. J. Catarino, T. Moreiras, **P. Lopes, J. Esmerado, I. Machado Alexandre**, "How can we be serious in a game? - Application of a commercial RPG with a pedagogical purpose" AAAI 2007 Fall Symposium on Intelligent Narrative Technologies, Arlington, Virginia, USA, Novembro 2007.
2. **Serrão, C.**, Serra A., **Dias M.**, Delgado J., "Key Management in open DRM Platforms", in the Proceedings of the 3rd. International Conference of Automated Production of Cross Media Content for Multi-channel Distribution (AXMEDIS2007), Barcelona, Spain, 28-30 November, 2007.
3. Diniz, N., Branco, C., **Dias, M. S.**, Turner, A., Morphosis, Computer-Aided Architectural Design Futures (CAADFutures) 2007, Proceedings of the 12th International CAAD Futures Conference, Dong, Andy; Vande Moere, Andrew; Gero, John S. (Eds.) , 2007, XII, 604 p., Hardcover, ISBN: 978-1-4020-6527-9
4. Bastos, R., **Dias, M. S.**, Efficient Texture Tracking using Optical Flow and Back Projection, 15° EPCG - Encontro Português de Computação Gráfica, Microsoft, Tagus Park, Porto Salvo, Portugal, 15-17 October 2007, Best Paper Award.
5. **Dias, M. S.** Soares, L., Bastos, R., Varela, R., Pires, F., Carvalho, N., Costa, V., Jorge, J., Pereira, J. M., CAVE-HOLLOWSPACE do Lousal: Princípios Teóricos e Desenvolvimento, Invited Tutorial, 15° Encontro Português de Computação Gráfica, Microsoft, Tagus Park, Porto Salvo, Portugal, 15-17 October 2007
6. Varela, R., **Dias, M. S.**, Tela de Alfinetes Virtual, 15° EPCG - Encontro Português de Computação Gráfica, Microsoft, Tagus Park, Porto Salvo, Portugal, 15-17 October 2007.
7. Pires, F., **Dias, M. S.**, Abstract Distributed Engine (ADE): A Library for Data Consistency in Distributed Virtual Environments, 15° EPCG - Encontro Português de Computação Gráfica, Microsoft, Tagus Park, Porto Salvo, Portugal, 15-17 October 2007.
8. **Serrão, C.**, Serra A., **Dias M.**, Delgado J., "Secure License Management - Management of Digital Object Licenses in a DRM environment", In Proceedings of the International Conference on Security and Cryptography (SECRYPT2007), Barcelona, Spain, 28-31 July, August, 2007.
9. M.N. Gamito, S.C. Maddock, Topological Correction of Hypertextured Implicit Surfaces for Ray Casting Proc. Shape Modeling International 2007, Lyon, France, June 13-15, 2007.
10. Bastos, R., **Dias, M. S.**, Skin Color Profile Capture for Scale and Rotation Invariant Hand Gesture Recognition, 7th International Workshop on Gesture in Human-Computer Interaction and Simulation 2007, GW2007, May 2007.
11. Fernandes J., Tavares, J., Bastos, R., **Dias, M. S.**, Hand Gesture and Speech in a Multimodal Augmented Reality Environment , 7th International Workshop on Gesture in Human-Computer Interaction and Simulation 2007, GW2007 , May 2007.

Publications in peer review Journals

1. **João Carlos Silva, N. Souto, F. Cercas, R. Dinis, A. Correia, A. Rodrigues**, "Equalization Based Receivers for Wideband MIMO/BLAST Systems", Special Issue on Wireless Personal Multimedia Communications, Wireless Personal Communications Journal, Vol. 40 no. 3 February 2007, pp. 291-304, Springer 2007
2. **Correia, J.C. Silva, N. Souto, A. Boal, L. Silva, A. Soares**, "Multi-resolution Broadcast/Multicast Systems for MBMS", IEEE transactions on Broadcasting, Vol. 53, No.1, march 2007, pp. 224-234

Other publications

1. **Moura, J., Pereira, V., Marinheiro, R.**, Successful cooperation between backoff exponential mechanisms to enhance IEEE 802.11 networks, ICOIN - International Conference on Information Networking, Cascais, Portugal
2. **Kumar, R.Dinis, N.Souto and J.Silva**, "Efficient Channel Estimation for OFDM Modulations with Transmit Diversity", CIIT'07, Banff, Canada, July, 2007.
3. **R.Dinis, N.Souto and J.Silva, A.Kumar and A.Correia**, "Joint Detection and Channel Estimation for OFDM Signals with Implicit Pilots", IST Mobile Summit, July, Budapest, Hungary, 2007.
4. **N.Souto, J.Silva, R.Dinis, A.Correia and F.Cercas**, "Supporting M-QAM Hierarchical Constellations in HSDPA for MBMS Transmissions", IST Mobile Summit, Budapest, Hungary, July, 2007.
5. **R.Dinis, N.Souto and J.Silva, A.Kumar and A.Correia**, "On the Use of Implicit Pilots for Channel Estimation with OFDM Modulations", IEEE VTC'07(Fall), Baltimore, USA, September, 2007.
6. **N.Souto, R.Dinis and J.Silva**, "Efficient Channel Estimation for OFDM Systems with Hierarchical Constellations", to be presented at IEEE ISCT'07, Sydney, Australia, Oct. 2007
7. **N. Souto, R.Dinis and J.Silva**, "Iterative Decoding and Channel Estimation of MIMO-OFDM Transmissions with Hierarchical Constellations and Implicit Pilots", IEEE ICSPC'07, Dubai, United Arab Emirates, Nov. 2007.
8. **Jose Moura, Valter Pereira, Rui Marinheiro**, "What's DECR impact on wireless communications?", IEEE Symposium on Computers and Communications (ISCC'07), July 2007
9. **Eduardo Ribeiro and Rui Lopes**, "An architecture for the provision of Content Networks based on IMS, Metadata, Presence and P2P technologies", MNCNA: Middleware for Next-generation Converged Networks and Applications, Newport Beach, CA, USA, November 2007
10. **Alexandra Boal, Rui Salomé, Américo Correia**, "Distributed Hierarchical Cell Structure System for MBMS in UMTS Networks", proceedings of International Conference Conftele'2007, Peniche, Portugal, May 2007.
11. **Alexandra Boal, Américo Correia**, "Real Topology for Transmission of MBMS in UMTS Networks", proceedings of International Conference Conftele'2007, Peniche, Portugal, May 2007.
12. **Luisa Silva, Pedro Gomes, Américo Correia**, "Point-to-Point MBMS Video Streaming using HSDPA", proceedings of International Conference, Conftele'2007, Peniche, Portugal, May 2007.
13. **Jose Moura, Valter Pereira, Rui Marinheiro**, "Enhancing 802.11 Networks", 6th Conference on Telecommunications, Conftele 2007

14. Nuno Souto, João C. Silva, Rui Dinis, Francisco Cercas, Américo Correia, "Supporting M-QAM Hierarchical Constellations in HSDPA for MBMS Transmissions", proceedings of International Conference Conftele'2007, Peniche, Portugal, May 2007.

AI AGENTS AND ARTIFICIAL INTELLIGENCE

Other publications

1. Lopes, A.L.; and Botelho, L.M. 2007. "A Context-aware Semantic Web Service Execution Agent". In Proc. of the 9th International Conference on Enterprise Information Systems, ISBN: 978-972-8865-91-7, pp. 231-234
2. Esteves, A.S.; and Botelho, L.B. 2007. "The Centrifugal Development of Artificial Agents: a research agenda". In Proc. of the workshop on Self-Organized Systems (SOS) of the Summer Computer Simulation Conference (SCSC'07)
3. Lopes, A.L. and Botelho, L.M. 2007. "Executing Semantic Web Services with a Context-Aware Service Execution Agent". In Proc. of the AAMAS 2007 Workshop Service-Oriented Computing: Agents, Semantics and Engineering (SOCASE 2007), LNCS 4504, pp. 1-15.
4. Lopes, A.L; and Botelho, L.M. 2007. "Task Decomposition and Delegation Algorithms for Coordinating Unstructured Multi Agent Systems". In Proc.of the International Conference on Complex, Intelligent and Software Intensive Systems.
5. Catarino, J., Moreiras, T., Lopes, P., Esmerado, J.,Machado Alexandre, I.: "How can we be serious in a game? - Application of a commercial RPG with a pedagogical purpose". Published in AAAI 2007 Fall Symposium on Intelligent Narrative Technologies, November 2007
6. Nuno David (2007). "Brief Note on the Logic of Replicating Simulations Before and after Publishing a Model". Proceedings of the 4th Conference of The European Social Simulation Association ESSA 2007, Interdisciplinary Approaches to the Simulation of Social Phenomena, September 10-14, 2007, University for Social Sciences of Toulouse, Toulouse, France.
7. Nuno David (2007). "Internet e Movimentos Emergentes em Campanhas Eleitorais – O Caso da Campanha Presidencial de Manuel Alegre". In Consequir o Impossível, Helena Roseta, Manuela Júdice e Nuno David (eds), Publicações Dom Quixote, ISBN 978-972-20-3375-6, pp.113-135.
8. Nuno David; Jaime Sichman; Helder Coelho (2007). "Simulation as Formal and Generative Social Science: The Very Idea". Worldviews, Science, and Us: Philosophy and Complexity (Carlos Gershenson, Diederik Aerts, and Bruce Edmonds, editors), World Scientific Publishing, ISBN-13 978-981-270-548-8, ISBN-10 981-270-548-1, pp.266-284.

ISR INFORMATION SYSTEMS RESEARCH

Publications in peer review Journals

1. Asche, F., Menezes, R., & Dias, J. (2007). Price transmission in cross boundary value chains. *Empirica - Journal of Applied Economics and Economic Policy*, Vol.34, n.5, December, pp 477-489. [ISSN: 0340-8744]

Other publications

2. H.O'Neill, M.Nunes, J. Esteves Pinto, V.Cruz Machado, T.Batista, G.Vitorino, Levantamento e reengenharia nos municípios do distrito de Évora, CAPSI 2006, Janeiro 2007
3. Sofia Vieira , H.O'Neill, Os serviços de saúde electrónicos no âmbito das cidades e regiões digitais: estudo de viabilidade económica do portal s@aud-e, CAPSI 2006, Janeiro 2007
4. Ricardo Sequeira, Mário J. B. Romão: Risk Factors in the Adoption of Agile Methodologies in Software Development Projects, artigo aceite e publicado na conferência internacional "Softwars-2007", International Conference on social, organizational and economic impact of IT (Julho-07, ISEG);
5. Andreia Dias, Hugo Alinho, Sónia Fernandes, Mário Romão: Continuous Auditing – The new Challenge for SAP R/3 Analyser, artigo aceite e publicado na conferência internacional "Softwars-2007", International Conference on social, organizational and economic impact of IT (Julho-07, ISEG);
6. P. Costa, P. Duarte & C. Costa, : WebStorm: Mixing Brainstorming with Art in the Web, ACM SIGDOC2007; El Paso, Texas, USA.
7. M. Tavares & C. Costa, : Knowledge Management Process in the Local Government ACM SIGDOC2007; El Paso, Texas, USA.
8. C. Costa, J. Silva & M. Aparicio: Evaluating Web Usability Using Small Display Devices ACM SIGDOC2007; El Paso, Texas, USA.
9. C. J. Costa, "ERP Open Source," CITOT 2007, Lisboa, Portugal
10. Capelo, C. & Dias, J. (2007). Systems thinking: learning or driving?. *Economia Global e Gestão* [ISSN:0873-7444], 2007, 1. Psico, J & Dias, J. (2007/11). Social Performance Evaluation of Microfinance Institutions in Mozambique. African Economic Conference (World Bank), Adis-Abeba (Etiopia)
11. Dias, J, Guillotreau, P., Carvalho, J., Mendonça, M., Gonzalez, F., Le Grel, L & Baranger, L. (2007/09/14), Conclusões do Projecto PESRUP, Seminário internacional "A situação das pescas nas regiões ultraperiféricas no horizonte 2013", Organização: Governo Regional dos Açores + RUP Plus +Interreg IIIC, Horta (Açores), * (actas em CD/ROM)
12. Castanhar, J., Dias, J, Dias, J. (2007/6). Entrepreneurial Activity and Regional Growth In Brazil: An Empirical Evaluation Of Regional Growth Regimes Over Time And Space. Entrepreneurship Research Conference (BCERC), Babson College & Instituto de Empresa, Madrid
13. Costa, C., Dias, J. & Serrão, C. (2007). Web-Voting - Evaluating Social Acceptance. Conference on Information Technology, Organizations and Teams (Citot2007), Lisboa, Portugal
14. Braz, António & Alturas, Bráulio (2007) Utilização de Opções Reais na Análise de Projectos de Investimento em S.I./T.I.C. WWW/Internet 2007, Actas da Conferência IADIS Ibero-Americana, Vila Real, Portugal, p.433-436.
15. Zenida, Ricardo & Alturas, Bráulio (2007) Análise de Projectos de Investimento na Área das Tecnologias da Informação: Métodos e Técnicas WWW/Internet 2007, Actas da Conferência IADIS Ibero-Americana, Vila Real, Portugal, p.427-429.
16. Pereira, Paulo & Alturas, Bráulio (2007) Factores Críticos da Adesão das PME's Nacionais, Fornecedoras de Material de Escritório ao Procedimento Aquisitivo Público em Portugal: Uma Proposta de Investigação WWW/Internet 2007, Actas da Conferência IADIS Ibero-Americana, Vila Real, Portugal, p.411-413.
17. Costa, Catarina & Alturas, Bráulio (2007) Critérios Para a Avaliação da Qualidade dos Recursos e da Informação Disponível na Internet WWW/Internet 2007, Actas da Conferência IADIS Ibero-Americana, Vila Real, Portugal, p.168-174.
18. Zenida, Ricardo & Alturas, Bráulio (2007) Limites Económico-Financeiros dos projectos de investimento na área das tecnologias da informação: uma proposta de investigação 7ª CAPSI Conferência da Associação Portuguesa de Sistemas de Informação, Aveiro, Portugal.

19. Pereira, Paulo & Alturas, Bráulio (2007) *As Compras Electrónicas na Administração Pública e a sua Contribuição para o Desenvolvimento das PME's Nacionais: Uma Proposta de Investigação* 2ª Conferência Ibérica de Sistemas e Tecnologias de Informação, Porto, Portugal.
20. Farinha, J. & Trigueiros, M.J. (2007) *An Extensible Metadata Framework for Data Quality Assessment of Composite Structures*. In Proc. Data Warehousing and Knowledge Discovery, 8th International Conference (DaWaK 2007), Regensburg, Germany, Sep 3-7, 2007, LNCS, 4081, Springer.
21. Gomes, P., Farinha, J. & Trigueiros (2007) M.J. *A Data Quality Metamodel Extension to CWM*. In Proc. 4th Asia-Pacific Conference on Conceptual Modelling (APCCM 2007), Ballarat, VIC, Australia, Jan 30-Feb 2, 2007, CRPIT, 67, Australian Computer Society, Darlinghurst, NSW , Australia, pp. 17-26..

Publications in peer review Journals

1. Torres V., **Serrão C., Dias M.**, Delgado J., "Open DRM and the Future of Media," IEEE MultiMedia, vol. 15, no. 2, pp. 28-36, Apr.-June 2008, doi:10.1109/MMUL.2008.38
2. **Bastos R., Dias, M. S.**, "Automatic Camera Pose Initialization, using Scale, Rotation and Luminance Invariant Natural Feature Tracking", in The Journal of WSCG [ISSN 1213-6972 (hardcopy), ISSN 1213-6964 (CD ROM version), ISSN 1213-6980 (on-line version)], 2008.

Other publications

1. **Sales Dias, M.**; Gibet, S.; Wanderley, M.M.; Bastos, R. (Eds.), Gesture-Based Human-Computer Interaction and Simulation, 7th International Gesture Workshop, GW 2007, Lisbon, Portugal, May 23-25, 2007, Revised Selected Papers, Series: Lecture Notes in Computer Science, Subseries: Lecture Notes in Artificial Intelligence, Vol. 5085, 2009, XI, 284 p., Softcover, ISBN: 978-3-540-92864-5
2. Bastos, R., **Dias, M. S.**, Skin Color Profile Capture for Scale and Rotation Invariant Hand Gesture Recognition, in Gesture-Based Human-Computer Interaction and Simulation, Revised Selected Papers from 7th International Workshop on Gesture in Human-Computer Interaction and Simulation 2007, GW2007, ISCTE, Lisbon, May 2007. Series: Lecture Notes in Computer Science, Subseries: Lecture Notes in Artificial Intelligence, Vol. 5085, 2009, XI, 284 p., Softcover, ISBN: 978-3-540-92864-5.
3. Fernandes J., Tavares, J., Bastos, R., **Dias, M. S.**, Hand Gesture and Speech in a Multimodal Augmented Reality Environment, in Gesture-Based Human-Computer Interaction and Simulation, Revised Selected Papers from 7th International Workshop on Gesture in Human-Computer Interaction and Simulation 2007, GW2007, ISCTE, Lisbon, May 2007. Series: Lecture Notes in Computer Science, Subseries: Lecture Notes in Artificial Intelligence, Vol. 5085, 2009, XI, 284 p., Softcover, ISBN: 978-3-540-92864-5
4. **Pedro Faria Lopes**, Rui Palha, Lia Costa Carvalho, Paulete Matos, João Batista, "De par e compasso", edição MCF - Multimédia, Conteúdo e Forma, Junho 2008.
5. **Pedro Faria Lopes**, "Duets", edição MCF - Multimédia, Conteúdo e Forma, Dezembro 2008.

Invited Journal Publication (1):

1. **Dias, M. S.**, "Virtualization Technology Transforms Old Mining Site in Portugal into a Leading Centre for Scientific Education and Research", Futures, Microsoft's European Innovation Magazine, Issue n°1 1st January 2008.

Peer reviewed Conferences papers (12):

1. **P. Trezentos**, J. P. Gonçalves, E. Oliveira, "Inferring Local Synonyms for Improving Keyword Suggestion in an On-line Advertisement System", L. Sarmiento , , 3rd Annual International Workshop on Data Mining and Audience Intelligence for Advertising (ADKDD 2009), June 28, 2009, Paris, France.

2. Marques J., **Serrão C.**, Afonso A., "Digital rights management in the educative context – An approach", in Proceedings of the European Conference on Educational Research (ECER2009), Vienna, Austria, 25-26 September, 2009 (to be presented)
3. **Serrão C.**, Marques J., Mendes A., "Protecting Intellectual Property Rights (IPR) on E-Learning Systems", in Proceedings of the International Conference on Education and New Learning Technologies (EDULEARN2009), Barcelona, Spain, 6-8 July, 2009 (to be presented)
4. **Lopes, P.F.**, "Computer Animation with the digital pinscreen", Firts4, International Meeting for Animation Arts, ESAD CR, Escola Superior de Artes e Design, Caldas da Rainha, Maio 2009.
5. Soares, L., Pires, F., Varela, R., Bastos, R., Carvalho, N., **Dias, M. S.** "Immersive Virtual Mine". In Proceedings of the IV Iberoamerican Symposium in Computer Graphics (SIACG 2009) (Isla de Margarita , Venezuela , June, 2009) IV Iberoamerican Symposium in Computer Graphics.
6. **Serrão C.**, Marques J., Mendes A., "Rights Management on Knowledge-based Digital Content", in Proceedings of the 4th.Iberic Conference on Information Systems and Technologies (CISTI2009), Póvoa do Varzim, Portugal, 17-20 June, 2009
7. **Paulo Trezentos**, Roberto Di Cosmo. "Package Upgrades in FOSS Distributions: Details and Challenges", Stefano Zacchiroli, 1st ACM workshop on Hot Topics in Software Upgrade (HotSWUp'08), October 20 2008, Nashville, Tennessee, USA.
8. **Diniz, N.**, "Configuring Space Through Embodiment" ISEA 2008 -International Symposium on Electronic Art, Singapore, 25 July to 3 August 2008.
9. Bastos, P., **Dias, M. S.**, "Experiência de Realidade Virtual Imersiva no Ambiente CaveHollowspace do Lousal", Proceedings of Interação 2008 – 3ª Conferência Interação Pessoa-Máquina, Universidade de Évora, 15 - 17 Oct 2008.
10. **Diniz, N.**, "Body Tailored Space" CAADRIA 2008 - Beyond Computer Aided Design", Chiang Mai, Thailand, 9-12 April 2008.
11. **Serrão C.**, **Dias M.**, Delgado J., "Secure License Management for Interoperable DRM Systems", in Proceedings of the IADIS International Conference Information Systems (ICIS2008), Algarve, Portugal, 9-11 April, 2008.

Peer reviewed Conferences Posters (2):

1. **Diniz, N.** (2008) "Body Tailored Space, Experiments in Evolving Spatial Interactions", SIGGRAPH '08, Los Angeles, USA [5-9 Aug08].
2. **Diniz, N.** (2008) "Experiments in Evolving Spatial Interactions" for ARTECH '08, 4th International Conference on Digital Arts, Portuguese Catholic University, Porto, Portugal [7,8 Nov 08].

Invited Key-Notes (2):

1. **Nancy Diniz:** CAC 2008 - Contemporary Architectural Challenges, Faculty of Architecture, Porto, Portugal [22-24 Sep 08](Panel, Round Table).
2. **Nancy Diniz:** "Body Tailored Space" at Slade Research Centre, Slade School UCL, for The Body Project Symposium, London, UK [12-15 May 2008].

Peer Reviewed Tutorials (2):

1. Luciano Pereira Soares, TecGraf - PUC-Rio/CENPES - Petrobras, Bruno Araujo, INESC-ID, DEI Instituto Superior Técnico, Francisco Pires, ADETTI/ISCTE, Joaquim A. Pires Jorge, INESC-ID, DEI Instituto Superior Técnico, **Miguel Salles Dias**, ADETTI/ISCTE, MLDC Microsoft, Alberto Raposo, TecGraf - PUC-

- Rio, "Designing multi-projector VR systems: from bits to bolts", Short Course Eurographics 08, Creta, Greece, 2008
2. Luciano Pereira Soares, TecGraf - PUC-Rio/CENPES - Petrobras, Alberto Raposo, TecGraf - PUC-Rio, Bruno Araujo, INESC-ID, DEI Instituto Superior Técnico, Francisco Pires, ADETTI/ISCTE, **Miguel Salles Dias**, ADETTI/ISCTE, MLDC Microsoft, Joaquim A. Pires Jorge, INESC-ID, DEI Instituto Superior Técnico, "Designing multi-projector VR systems: from bits to bolts", Short Course IEEE VR 08, Reno, USA, 2008.

B3G BEYOND 3G NETWORKING

Publications in peer review Journals

Jose Moura, Valter Pereira, **Rui Marinheiro**, "Successful Cooperation between Backoff Exponential Mechanisms to Enhance Networks", Information Networking, Towards Ubiquitous Networking and Services, Lecture Notes in Computer Science, Vol. 5200/2, Springer Berlin / Heidelberg 2008

Other publications International

Moura, J., Dunmore, M., Edwards, C., Next Generation Network Management of Heterogeneous Mobile Users, In Proc. of ACM M 111-118, 2008.

AI AGENTS AND ARTIFICIAL INTELLIGENCE

Books and Book Chapters:

1. Marta, E.; L.M. Botelho; E. Marta; **A.L. Lopes**; E. Marta; " Quantitative Analysis " - Chapter in CASCOM: Intelligent Service Coordination in the Semantic Web , Michael Schumacher, Heikki Helin and Heiko Schuldt , Birkhäuser, 2008 .

Publications in peer review Journals

2. **Lopes, A.L.**; and Botelho, L.M. 2008. "Improving Multi-Agent Based Resource Coordination in Peer-to-Peer Networks". Journal of Ne Other publications International SICT 2009 - Relatório Científico https://www.fct.mctes.pt/fctsig/contents/E020302/_vglobal/relatoriovi... 1 of 3 09-11-2009 3:41
3. Gefner, H.; Prada, R.; Alexandre, I.M.; and **David, N.** (eds.) 2008. Advances in Artificial Intelligence - IBERAMIA 2008, 11th Ibe Conference on AI, Lisbon, Portugal, Lecture Notes in Artificial Intelligence, vol. 5290, Springer Verlag
4. Botelho, L.M.; **Lopes, A.L.**; Möller, T.; and Schuldt, H. 2008. "Semantic Web Service Execution". In Michael Schumacher, Heikki He Schuldt (Editors) "CASCOM: Intelligent Service Coordination in the Semantic Web", Birkhäuser, Whitestein Series in Software Agen and Autonomic Computing. ISBN 978-3-7643-8574-3. p263-287
5. Bonardi, D.; Botelho, L.M.; Klusch, M.; **Lopes, A.L.**; Möller, T.; Sousa, A.O.; and Vasirani, M. 2008. "Quantitative Analysis". In Michael Heikki Helin and Heiko Schuldt (Editors) "CASCOM: Intelligent Service Coordination in the Semantic Web", Birkhäuser, Whitest Software Agent Technology and Autonomic Computing. ISBN 978-3-7643-8574-3. p349-362

6. **Lopes, A.L.** and Botelho, L.M., 2008, "Efficient Algorithms for Agent-based Semantic Resource Discovery", In Proceedings of the 7th Peer-to-Peer Computing Workshop (AAMAS 2008).
7. **Reis, J.** 2008. Using Rules for Creativity in Visual Composition, SIGDOC 2008, Proceedings of the 26th ACM International Conference Communication, Lisboa, Portugal, pp 207-214.
8. **Reis, J.** 2008. A Rule Language to Express Visual Pattern Generation, (poster), SIGDOC 2008, Proceedings of the 26th ACM Conference on Design in Communication, Lisboa, Portugal, pp 273-274.
9. Charro, R.; Santos, F.; and **Reis, J.** 2008. Applying Multi Agent Simulation to Supply Chains, 1st. ICC Workshop on Complexity in So Lisboa, Portugal
10. Moreiras, T.; Catarino, J.; and **David, N.** 2008. "Teaching Computer Science in Universities: Replicating Social Simulations for Int Learning in the Classroom". Proceedings of the 2nd World Congress on Social Simulation (WCSS'08), George Mason University, Wa USA

ISR INFORMATION SYSTEMS RESEARCH

Books and Book Chapters:

1. **H. O'Neill, M. Aparicio, C. Costa,** A. Protopsaltis: Proceedings of the 26th Annual International Conference on Design of Communication, SIGDOC 2008, Lisbon, Portugal, September 22-24, 2008 ACM 2008.
2. **C. Costa** & P. Antunes "Riscos de sistemas de Votação Electrónica" in P. Antunes (coord) Voto Electrónico - Discussão técnica dos seus Problemas e Oportunidades, Edições Sílabo, 2008, pp. 49-51. ISBN: 978-972-618-497-3
3. Castanhar, J., **Dias, J.**, Esperança, J. (2008). The Entrepreneurial Drivers of Regional Economic Transformation in Brazil. In P. Phan, S. Venkataraman, S. Velamuri (Eds.) Emerging Regions Around The World: Theory, Evidence and Implications, Edward Elgar Publishing. [ISBN: 1847208002]

Papers in Conference Proceedings:

1. **Ramos, P.** (2008), "Contrary-to-duties Constraints: From UML to Relational Model". In ACM/IEEE 11th International Conference on Model Driven Engineering Languages and Systems, Toulouse
2. Campos, Ana; Vale, Filipa & **Alturas, Bráulio** (2008). Human Resources Metrics Dashboard, SIGDOC 2008, Proceedings of the 26th ACM International Conference on Design of Communication, Lisbon, Portugal, p.257-262.
3. Gonçalves, Nuno & **Alturas, Bráulio** (2008). Avaliação dos pressupostos para adopção de um sistema de marketing relacional real-time, WWW/Internet 2008, Actas da Conferência IADIS Ibero-Americana, Lisbon, Portugal, p.534-539.
4. **C. Costa, M. Aparicio:** Web application and design of communication. Henrique O'Neill, Manuela Aparicio, Carlos J. Costa, Aristidis Protopsaltis (Eds.): Proceedings of the 26th Annual International Conference on Design of Communication, SIGDOC 2008, Lisbon, Portugal, , 111-116. ISBN 978-1-60558-083-8
5. **C.. Costa, J. Nhampossa, M. Aparicio:** Wiki content evaluation framework. Henrique O'Neill, Manuela Aparicio, Carlos J. Costa, Aristidis Protopsaltis (Eds.): Proceedings of the 26th Annual International Conference on Design of Communication, SIGDOC 2008, Lisbon, Portugal, 169-174 ISBN 978-1-60558-083-8
6. R. Pierce, B. Mehlenbacher, **C.. Costa, M.**, Albers, A. Protopsaltis: Panel design of communication: new steps. Henrique O'Neill, Manuela Aparicio, Carlos J. Costa, Aristidis Protopsaltis (Eds.): Proceedings of the 26th Annual International Conference on Design of Communication, SIGDOC 2008, Lisbon, Portugal, 183-184 ISBN 978-1-60558-083-8

7. P. Duarte, **C.. Costa**, P. Costa: Webstorm: mixing brainstorming in the web to produce art. Henrique O'Neill, Manuela Aparicio, Carlos J. Costa, Aristidis Protopsaltis (Eds.): Proceedings of the 26th Annual International Conference on Design of Communication, SIGDOC 2008, Lisbon, Portugal, , 267-268 ISBN 978-1-60558-083-8
8. N. Lopes, **C.. Costa**: ERP localization: exploratory study in translation: European and Brazilian Portuguese. Henrique O'Neill, Manuela Aparicio, Carlos J. Costa, Aristidis Protopsaltis (Eds.): Proceedings of the 26th Annual International Conference on Design of Communication, SIGDOC 2008, Lisbon, Portugal, , 93-98 ISBN 978-1-60558-083-8
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NUI GRAM Natural User Interaction, Graphics and Mobility group

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ISR INFORMATION SYSTEMS RESEARCH

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