



Summary CV of Eugénio Oliveira

Eugénio Oliveira studied at the Universities of Coimbra and Porto in Portugal where he got his degree in Electrotechnical Engineering (Electronic Systems) in 1972. He was R&D Engineer at Brown, Boveri, C. (now ABB) Electronic Laboratories in Switzerland (72-74).

In 1980 he went to the New University of Lisbon where he got his PhD with a thesis on Knowledge Engineering and Logic Programming applications (1984).

Eugénio Oliveira was invited as a Guest Academic at IBM IEC in La Hulpe (84-85). There, besides teaching Knowledge Based Systems, he launched small projects on

Logic Programming and Expert Systems. He was also benchmarking the new IBM Prolog under development at Paris IBM Research Center.

In 1987 he created the Distributed Artificial Intelligence & Robotics Group at the Faculty of Engineering of the University of Porto and was co-founder of LIACC- Artificial Intelligence and Computer Science Group at the University of Porto. LIACC has about 60 members in 2013. LIACC includes groups working on Multi-Agent Systems, Intelligent Robotics and Computer Science.

Eugénio Oliveira, besides directing both DAIAS (Distributed Artificial Intelligence and Agent-based Simulation) group and LIACC Lab, is a Full Professor in Informatics at the University of Porto since 2000. He got his PhD at the New University of Lisbon in 1984 and his “Agregação” title in 1991 at the University of Porto.

He successfully supervised 20 PhD students and more than 60 Master students.

He is Chair of the Doctoral Program in Informatics Engineering at the University of Porto.

He was involved in many research projects, some of which funded by the European Union as it was the case, in the 90s, of the ARCHON project a five years ESPRIT project on agents architecture and applications. He was a co-author of the book “ARCHON: An Architecture for Multi-Agent Systems”, edited by T. Wittig (214 citations in Google).

He was co-author of ORBI, a Prolog-based Expert System for decision making based on biophysical factors (1980-83). He, together with his supervisor L. Moniz Pereira, was awarded the Gulbenkian Prize for Science and Technology in 1983.

He published more than 150 papers, mainly in the field of software agents and multi-agent system applications as well as intelligent robotics. With his former PhD student, L.P.Reis, he co-authored a paper (152 citations) on strategies for team coordination that lead to several RoboCup awards at different leagues, (e.g. FCPortugal, 1st place in the simulation league at the world championship in 2000, Melbourne). With his group, he launched ANTE (Agreement Negotiation in Normative and Trust-enabled Environments) a new platform to facilitate Virtual Organizations formation and monitoring. He co-authored 4 chapters of the book “Agreement Technologies”, ed. Sascha Ossowski, Springer 2013, in which the technological and scientific principles behind ANTE are described. He has recently published on text mining (e.g. “Clues for detecting irony in user-generated contents: oh...!! it's so easy;-)”, P Carvalho, L Sarmento, MJ Silva, E de Oliveira, Proc. of the 1st international CIKM workshop on Topic-sentiment analysis for mass opinion 2009 (53 citations).

Nr. Of Citations=2359, H-index=25 and i-10 index: 66, in Google Scholar Citations. Web of Science n. of References=129.

He was one of the area chairs at ECAI 94, ECAI 96 and ECAI 2008. Vice Chair at IEEE WI/IAT (Intelligent Agents Technology), Lyon, France, 2011. He was a co-founder of APPIA, Portuguese AI Association.

Eugénio main influence has been in collaborating, promoting or supporting activities leading to AI-based (including MAS) applications: MASDIMA a MAS for Air traffic plan-disruption Management, ANTE platform for B2B partners selection, FCPortugal RoboSoccer teams and older ones like ORBI and ARCA – an Expert System for Cardiac Arrhythmia Diagnosis, that were important breakthroughs at the time of their development.

CV Details

- *Eugénio Oliveira*
- Born in Porto, Portugal. He has two daughters. Sixty four years old.

Current Positions

- Full Professor at the University of Porto (since August 2000).
- Director of LIACC (Artificial Intelligence and Computer Science Laboratory) at the University of Porto (2008-2009, 2011-2013).
- Coordinator of DAIAS (Distributed Artificial Intelligence and Agent-based simulation Group) at the Faculty of Engineering of the University of Porto- FEUP, (since 1988). DAIAS is devoted to agent-based methods for e-business, intelligent robotics, simulation, information retrieval and Human-Computer Interaction.
- Director and founder of the PhD Program on Informatics Engineering (since 2005) and Co-director of the Master's Course in Artificial Intelligence and Intelligent Systems at the University of Porto (till 2010). Member of the Scientific Committee of MIEIC-Master in Informatics Engineering (Faculty of Engineering, University of Porto).

Areas of Interest

- His current topics of interest include Multi-Agent Systems architectures and applications, Agents for trustworthy Networking (Negotiation, Trust and Reputation, Normative environments, Electronic Contracts), "Emotional-like" Agents as well as Learning and Adaptive Agent Strategies for Co-operation and Conflict Resolution. Text Mining for knowledge and information extraction.

Degrees

- Habilitation ("Agregação") at the University of Porto in 1991, (AI and Intelligent Robotics).
- PhD in Artificial Intelligence at New University of Lisbon in 1984.
- Bsc., MSc in Electrical Engineering at the University of Porto in 1972.

Awards

- He was awarded with the Gulbenkian Prize for Science and Technology in 1983 (ex-aequo).
- One of his students, under his supervision, got the Honorable Mention for the Innovation and Creativity Award promoted by Digital Equipment Corporation and Fundetec in 1987.

- One of his students, under his supervision, got the 1st Prize on Specific Programs at the 2nd National Contest for Educational Software organized by the Portuguese Ministry of Education in 1990.
- We was co-author of 6 awarded papers at different conferences and workshops.
- He got the “Research Incentive” award at the Faculty of Engineering, University of Porto in 2008.
- PhD thesis by A. Castro, supervised by E. Oliveira was awarded with the 2nd prize of the Fraunhofer Portugal Challenge for PhD Theses in 2013.

Past Positions

- Director appointed for the creation of the Informatics Department at the Faculty of Engineering, University of Porto (2007-08).
- Director of MIASI- Master on Artificial Intelligence and Intelligent Systems at FEUP (2004-2009).
- co-Director of MIAC- Master on Artificial Intelligence and Computing at the University of Porto (1996-2003).
- Member of the Coordinating Board of LIACC – Artificial Intelligence and Computer Science Lab at the University of Porto, since its foundation in 1988.
- "Guest Academic" at IBM/IEC in La Hulpe (Belgium) where he developed work on Logic Programming and Expert Systems Shells (84-85).
- He was, during sabbatical periods, invited Professor at the Universities of Nice/France (1996) and London - Queen Mary and Westfield College (1998), Utrecht University (2010), LIG – Grenoble (2010), Universidad Rey Juan Carlos (2010), Institut d’Investigació Intel·ligència Artificial- CSIC (2010), École Nationale Supérieure M. S.Etienne, France (2011).
- Associate and Auxiliary Professor at the University of Porto (1984-2000).
- Researcher and PhD Student at the New University of Lisbon (1980-1984).
- Lecturer at the University of Porto (1975-1980).
- R&D Engineering in Electronics at Brown, Boveri, C. Switzerland (1972-74).

Lecturing (responsible at the University of Porto, Faculty of Engineering-2014, for:)

- Scientific Research Methodologies in the Doctoral Program in Informatics Engineering at the University of Porto.
- Agents and Multi-agent Systems both at the Master and Doctoral Programs in Informatics Engineering.
- Artificial Intelligence - Master Program on Informatics Engineering.
- Planning and Scheduling Methodologies - Master Program on Informatics Engineering.
- Logic Programming - Master Program on Informatics Engineering(till 2011).

Postgraduate Supervision:

- He is currently responsible for 4 on-going PhD Theses on subjects including Text Mining, Trust and Reputation Models, Emotion-like agents and VideoGames.

- He was supervisor of 20 successful PhD students' Theses on Agents, Multi-agent Systems, Learning Agents, Platforms for Virtual Enterprises formation, Intelligent Robotics, Ontology services and Text Mining.
- He supervised more than 60 MSc. Theses.
- He supervised research work of foreigner students coming from the Universities of Compiègne in France, Trier in Germany, Curitiba and Porto Alegre in Brasil and Poland, among others.

Research projects

- He coordinates LIACC group in the projects RESPLAN, followed by eTEAM led by an "High Tech" company in Portugal and funded by AdI (Portuguese Agency for the Innovation and QREN-National Strategic Framework of Reference).
- He currently is, and was, responsible for coordinating several projects on Electronic Institutions for Virtual Enterprises, and Robotics funded by the Portuguese Science Foundation (FCT).
- He was Portuguese delegate for "Agreement Technology" COST Action (IC0801) funded by EU (since 2008).
- He was co-founder of AGENTLink European Network of Excellence; he was a member of the Special Interest Group on Agent-mediated Electronic Commerce.
- He was responsible for bi-lateral projects U.Porto – University of London (QMWC) funded by the British Council (1993) and U. Porto SZTAKI, Budapest funded by JNICT and OMFB in Hungary (1996-7).
- He was involved in a number of Projects including a 5 years European Union funded Project (ARCHON) in Distributed Artificial Intelligence (Multi-Agent Systems) and Multi-Agent decision support systems based on Environmental factors.
- He was the Coordinator of an ALFA Project including researchers of UK, France, Brasil, Argentina and Portugal (XMAS Project) (1996-7).

Other Activities & Positions

- Member of the Editorial Boards of the following Journals: "Autonomous Agents and Multi-Agents Systems International Journal" (until 2013), "Agent Oriented Software Engineering", "Progress in Artificial Intelligence", Springer, Inderscience, "Intelligent Decision Technologies", IOS Press (until 2012).
- He was a member of IEEE Systems, Man and Cybernetics Society Technical Committee on Computer Supported Cooperative Work in Design He was a member of the Working Group AIFIPP "Artificial Intelligence From the Information Processing Perspective" of IFIP TC12.
- Member of the Advisory Board of APPIA- Portuguese AI Assotiation.
- Member of the Program Committee or Area Chair of several International AI and Agent related conferences including the European Conference on Artificial Intelligence – ECAI 2008 (area chair for Agents), ECAI94, ECAI92, International Conference on Multi-Agent Systems - ICMAS99 and ICMAS2000, Autonomous Agents - AA98, AA99, AA2000 and AAMAS'08, etc.
- He was Project evaluator for ANR France (2011)
- He was Project evaluator for Esprit program (1993- 2001)
- Project evaluator for SION, The Netherlands (1994-5).

- He currently is Project evaluator for the Portuguese Science Funding Foundation (FCT)
- Project evaluator for the Ministry of Education in Madrid (2009).
- Member of the Scientific Committee for CNRS “Unité de Recherche Associée”URA817 at the University of Compiègne, (1990-93).

Organization of Conferences

- Co-organizer of “Intelligent Agents and Technologies for Socially Interconnected Systems” (IAT4SIS), Workshop at ECAI 2014 - 21st European Conference on Artificial Intelligence.
- Program Vice-Chair of “The 2011 IEEE/WIC/ACM International Conference on Intelligent Agent Technology”, Lyon, France 2011.
- Co-Organizer of IAT4EB- Intelligent Agents and Technologies for E-Business, Workshop at ECAI 2010- 19th European Conference on Artificial Intelligence, 2010.
- “Area co-Chair” (for Autonomous Agents) at the European Conference on Artificial Intelligence, ECAI, Patras, 2008.
- Co-organizer of the Special Track in “Holonc and Multi-Agent Technologies for Industrial Systems” at the 12nd IFAC Symposium on “Information Control Problems in Manufacturing”, Saint Etienne, 2006.
- Co-Organizer of 4th MASTA- Multi-Agent Systems Theory and Applications at 13th EPIA- Portuguese AI Meeting, Covilhã, in 2005.
- Vice-Chair of 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology, WIC-IAT, Compiègne, France, 2005.
- Co-Organizer of “Affective Computing” Workshop at 13th EPIA- Portuguese AI Meeting, Covilhã, 2005
- Co-organizer of the International Joint Conference on Autonomous Agents and Multi-Agent Systems Workshop "Learning and Evolution in Agent Based Systems", Columbia University, New York, 2004.
- Area Chair for Robotics at the Third International Conference on Autonomous Agents: Agents'99, Seattle, USA, 1999.
- Co-chair of the MASIF'98 Workshop on Multi-Agent Systems: Improving Functionalities, Prague, 1998.
- Organizer and co-Chair of the Advanced School on Distributed Artificial Intelligence (with H.Coelho), under the auspices of the Portuguese Association of Artificial Intelligence, 1994.
- Area Chair for "Enabling Technologies and Systems", ECAI 92 in Vienna, 1992.
- Area Chair for "Robotics", 11th ECAI 94 in Amsterdam, 1994.
- Organizer and co-Chair of the Multi-Agent Systems' Workshop MASTA'97 (with Nick Jennings) and MASTA'01.

Seminars and Invited Lectures (a selection)

- Invited speaker at SEE-MAS'10- South Eastern European Multi-Agent Systems Summer Scholl, Bucharest 2010.
- Invited speaker at the conferences: DoCEIS 2010, Costa da Caparica, February 2010.
- Invited speaker at ISAP - Intelligent Systems Applications in Power Systems, Lemnos, Greece, 2003.
- Seminars at Ecole National Supérieur de Mines de St-Étienne, Centre SIMMO , St-Étienne, 2003 ; XEROX Research Center, Meylan, France, 2002; DFKI, Saarbrücken,

Germany 2001; Pontifícia Universidade Católica de Porto Alegre, Brasil, 1997; Universidade Federal do Rio Grande do Sul, 1996; Hitachi Labs, Kukubunji, Japan, 1993.

- He gave a lecture at the 9th European Coordination Committee in AI Advanced Course, in Prague, 2001.
- “Keynote speaker” at SBAI’99 – Brazilian Symposium for the Intelligent Automation, S. Paulo, 1999.
- Lectures were given on “Artificial Intelligence for Engineering” at the Université de Rennes(1996 and 1997) and Hogschool in Rotterdam 2000 under the Erasmus/Sócrates European program.
- He gave lectures on "Cooperating Expert Systems" at the University of Brno, Check Republic under Tempus program in 1993.
- He gave lectures on “Knowledge Based Systems” at the International Educaton Center of IBM in Europe (La Hulpe) (1984/5/6).
- Kahtolieke Universitait Leuven and Université Catolique de Louvain-la-Neuve (1985).

Publications

- He has more than 300 papers and articles published (356 in Google Scholar).
- **Nr. Of Citations=2359, H-index=25 and i-10 index: 66, in Google Scholar Citations.**
- Number of References at ORCID (imported from Scopus):**169**; [Scopus Author ID 7102178756](#); Web Of Science: 129 records, [ResearcherID: C-6077-2009](#)
- **A selection of significant papers:**
- Most cited papers [GS citations]:
 - Luís P. Reis, Nuno Lau, Eugénio Costa Oliveira, “Situation Based Strategic Positioning for Coordinating a Team of Homogeneous Agents”, in Balancing Reactivity and Social Deliberation in Multi-Agent Systems, From RoboCup to Real-World Applications, eds Markus Hannebauer, Jan Wendler, Enrico Pagello. LNCS, V. 2103, pp. 175-197, Springer, 2001 ([Scopus](#)) [**143** citations].
 - Eugenio Oliveira, Klaus Fischer, Olga Stepankova, [Multi-agent systems: which research for which applications](#), Robotics and Autonomous Systems, V. 27, Issue 1, pp.91-106, North-Holland, 1999 ([Scopus](#)) ([WOS:000080269400008](#)) [**142** citations].
 - Eugénio Oliveira and Ana Paula Rocha, "Agents advanced features for negotiation in Electronic Commerce and Virtual Organisations formation process", in European Perspectives on Agent Mediated Electronic Commerce , LNAI 1991, Springer Verlag, 2001 [**117** citations].
 - Henrique Lopes Cardoso, Eugénio Oliveira, “[Virtual enterprise normative framework within electronic institutions](#)”, Engineering societies in the agents world V, pp. 14-32, Springer, 2005 ([Scopus](#)) ([WOS:000231038700002](#)) [**74** citations].
 - Ana P Rocha, Eugenio Oliveira, “[An electronic market architecture for the formation of virtual enterprises](#)”, in [Infrastructures for Virtual Enterprises](#), IFIP — The International Federation for Information Processing Volume 27, 1999, pp 421-432 ([WOS:000085827600030](#)) [**67** citations].
 - Eugénio Oliveira, Luís Sarmiento, “[Emotional advantage for adaptability and autonomy](#)”, Proceedings of the second international joint conference on Autonomous agents and multiagent systems AAMAS’03, pp.305-312, ACM, 2003 ([Scopus](#)) [62 citations]

- Andreia Malucelli, Daniel Palzer, Eugénio Oliveira, “Ontology-based Services to help solving the heterogeneity problem in e-commerce negotiations”, *Electronic Commerce Research and Applications*, Volume 5, Issue 1, Spring 2006, Pages 29-43, Elsevier ([Scopus](#)) ([WOS:000242626900005](#)) [56 citations].
- Paula Carvalho, Luís Sarmiento, Mário J Silva, Eugénio de Oliveira, “Clues for detecting irony in user-generated contents: oh...!! it's so easy;-)”, *Proceedings of the 1st international CIKM workshop on Topic-sentiment analysis for mass opinion*, 53-56, ACM, 2009 ([Scopus](#)) [53 citations].
- Ed. Thies Wittig, "ARCHON: Architecture for Cooperative Multi-Agent Systems", E.Oliveira, R.Camacho, L.Qiegang, (colab. Chapters 2,6,7) , Ellis Horwood, 1992 [214 citations]
- Book Chapters:
 - H. Lopes Cardoso, J. Urbano, A. P. Rocha, A. J. M. Castro, E. Oliveira (2013). “[ANTE: Agreement Negotiation in Normative and Trust-enabled Environments](#)”, in S. Ossowski (ed.), “Agreement Technologies”, Chpt. 32, *Law, Governance and Technology Series 8*, Springer, pp. 547-562.
 - Joana Urbano, Ana Paula Rocha, Eugénio Oliveira, "[A Socio-Cognitive Perspective of Trust](#)", in S. Ossowski (ed.), *Agreement Technologies*, Ch.23, *Law, Governance and Technology Series, Volume8*, Springer, pp. 419-429, 2013
 - Nicoletta Fornara, Henrique Lopes Cardoso, Pablo Noriega, Eugénio Oliveira, Charalampos Tampitsikas (2013). "[Modelling Agent Institutions](#)", in S. Ossowski (ed.), *Agreement Technologies, Law, Governance and Technology Series*, Chpt 18, Volume 8, Springer, ISBN 978-94-007-5582-6, pp. 277-307.
 - Rino Falcone, Cristiano Castelfranchi, Henrique Lopes Cardoso, Andrew Jones, Eugénio Oliveira (2013). “Norms and Trust”, in S. Ossowski (ed.), Chpt 15, *Agreement Technologies, Law, Governance and Technology Series, Volume 8*, Springer, ISBN 978-94-007-5582-6, pp. 221-231.
 - J. Urbano, Ana Paula Rocha, Eugénio Oliveira. "[Trust Evaluation for Reliable Electronic Transactions between Business Partners](#)", in *Agent-Based Technologies and Applications for Enterprise Interoperability*, (Eds.) Klaus Fisher, Jorg Muller, Renato Levy, *Lecture Notes in Business Information Processing, V.98*, Springer, pp.219-237. ([Scopus](#))
 - V. Vinhas, Eugénio Oliveira, Luís Paulo Reis, [BioStories: Dynamic Multimedia Environments Based on Real-Time Audience Emotion Assessment](#), *Enterprise Information Systems, Lecture Notes in Business Information Processing Volume: 73 Pages: 512-525*, Springer ([Scopus](#)) ([WOS:000291631100035](#)) 2011
 - Antonio J.M. Castro and Eugenio Oliveira. "[Airline Operations Control: A New Concept for Operations Recovery](#)", *Airline Industry: Strategies, Operations and Safety*, Connor R. Walsh (Ed.), pp. 61-97, Series: *Transportation Infrastructure - Roads, Highways, Bridges, Airports and Mass Transit*, Nova Science Publishers, 2011
 - David Pereira, Eugénio Oliveira and Nelma Moreira: "Formal Modelling of Emotions in BDI Agents", in *Computational Logic in Multi-Agent Systems, Lecture Notes of Computer Science, V.5056*, pp. 62-81, Springer, ISBN 978-3-540-88832-1, October 2008. ([Scopus](#)) ([WOS:000262259900004](#))
 - Andreia Malucelli, Henrique Lopes Cardoso, Eugénio Oliveira (2006). "Enriching a MAS Environment with Institutional Services", in *Environments*

for Multi-Agent Systems II: E4MAS 2005, Utrecht, The Netherlands, Selected Revised and Invited Papers, Danny Weyns, H. VanDyke Parunak, Fabien Michel (Editors), Lecture Notes in Computer Sciences, V. 3830, pp. 105 - 120, Springer, 2006. ([Scopus](#)) ([WOS:000237040700007](#))

- "Cooperative Learning using Advice Exchange", Luis Nunes and Eugenio Oliveira, in Adaptive Agents and Multi-Agent Systems , Ed. E. Alonso, D.Kudenko, D.Kazakov, Lecture Notes in Artificial Intelligence, V.2636, pp.33-48, Springer 2003. ([Scopus](#)) ([WOS:000183539900003](#))
 - Eugénio Oliveira, "Agents' Advanced Features for Negotiation and Coordination", in Proceedings of 9thECCAI Advanced Course, ACAI'01 , Eds. M.Luck, V.Marik, O.Stepankova, R.Trapp, LNAI2086, Springer, June 2001. ([WOS:000175099100008](#))
 - Malheiro, B. and Oliveira, E. "Argumentation as distributed belief revision: Conflict resolution in decentralised co-operative multi-agent systems", LNAI Vol. 2258, pp. 205-218, Springer 2001 ([Scopus](#))
 - Malheiro, B., Oliveira, E. , "Consistency and Context Management in a Multi-Agent Belief Revision Tesbed", in Agent Theories, Architectures and Languages, Eds. Michael Wooldridge, Joerg. P. Mueller and Millind Tambe Springer-Verlag, LNAI, Vol. 1037, January 1996.
- International Journals:
 - Piero Bonatti, Eugenio Oliveira, Jordi Sabater-Mir, Carles Sierra, Francesca Toni. [On the integration of trust with negotiation, argumentation and semantics](#). The Knowledge Engineering Review, Volume 29, Issue 01, January 2014, pp 31-50, Cambridge University Press, DOI: <http://dx.doi.org/10.1017/S0269888913000064>
 - Raúl Ramos-Pollán, Miguel Ángel Guevara-López, Eugénio Oliveira. "[A Software Framework for Building Biomedical Machine Learning Classifiers through Grid Computing Resources](#)", J Med Syst, (13 pages), Springer, 2012 ([Scopus](#)) ([WOS:000306549000019](#))
 - J. Urbano, Henrique L. Cardoso, Ana Paula Rocha, Eugénio Oliveira (2012). "[Trust and Normative Control in Multi-Agent Systems](#)", Advances in Distributed Computing and Artificial Intelligence J., V. I, No. 1, July 2012, pp. 43-52. ([Scopus](#))
 - Daniel Silva, Rodrigo A.M. Braga, Luís Paulo Reis, Eugénio Oliveira: [Designing a Meta-Model for a Generic Robotic Agent System using GAIA Methodology](#). Information Sciences, Volume 195, pp. 190-210, July 2012, Elsevier, ISSN: 0020-0255, DOI: 10.1016/j.ins.2012.01.029, (IF:3.64; SCImago Q1) ([Scopus](#)) ([WOS:000303092800011](#))
 - Ivo J. P. M. Timóteo, Miguel R. Araújo, Rosaldo J. F. Rossetti, Eugénio C. Oliveira, "Using TraSMAPI for the Assessment of Multi-Agent Traffic Management Solutions". Journal Progress in Artificial Intelligence, July 2012, V. 1, Issue 2, pp 157-164 Springer-Verlag
 - António J. M. Castro, Eugénio Oliveira, "[A New Concept for Disruption Management in Airline Operations Control](#)", J. of Aerospace Engineering, Proceedings Institution of Mechanical Engineers, Part G, V.225 n° 3, pp.269-290, 2011. ([Scopus](#))
 - J. Urbano, Ana Paula Rocha, Eugénio Oliveira, "[Situation-Aware Computational Trust Model for Selecting Partners](#)". N.T. Nguyen (Ed.), Transactions on

Computational Collective Intelligence V, LNCS 6910, pp. 84–105, 2011, Springer, 2011 ([Scopus](#))

- Henrique L. Cardoso, Eugénio Oliveira (2011). “[Social Control in a Normative Framework: An Adaptive Deterrence Approach](#)”, Web Intelligence and Agent Systems, IOS Press, V. 9, No. 4, July 2011, pp. 363-375. ([Scopus](#))
 - Daniel Castro Silva, Vasco Vinhas, Luís Paulo Reis and Eugénio Oliveira. "Biometric Emotion Assessment and Feedback in an Immersive Digital Environment", International Journal of Social Robotics, Vol. 1, Issue 4, pp. 307-317, November 2009, Springer ([Scopus](#))
 - Castro, A.J., Oliveira, E. “Quantifying Quality Operational Costs in a Multi-Agent System for Airline Operations Recovery”, International Review on Computers and Software, Vol4, N.4, pp.504-516, July 2009. ([Scopus](#))
 - António Castro, Eugénio Oliveira. “The Rationale behind the Development of an Airline Operations Control Centre using GAIA based Methodology”, *Int. J. Agent-Oriented Software Engineering*, Vol. 2 No. 3, pp.350-377, 2008.
 - Henrique Lopes Cardoso, Eugénio Oliveira (2008). “Electronic Institutions for B2B: Dynamic Normative Environments”, Artificial Intelligence & Law (special issue on Agents, Institutions and Legal Theory), Springer, Vol. 16, No. 1, March 2008, pp. 107-128, ISSN 0924-8463 ([Scopus](#))
 - Luis Nogueira, Eugénio Oliveira (2007). "Improving brokering adaptation in dynamic heterogeneous environments", in Int. Journal of Product Lifecycle Management 2007 - Vol. 2, No.2 pp. 113 - 134, Inderscience. ([Scopus](#))
 - Henrique Lopes Cardoso, Eugénio Oliveira (2007). “Institutional Reality and Norms: Specifying and Monitoring Agent Organizations”, International Journal of Cooperative Information Systems (special issue on Emergent Agent Societies), World Scientific Publishing Company, Vol. 16, No. 1, March 2007, pp. 67-95, ISSN 0218-8430. ([Scopus](#)) ([WOS:000250860400005](#))
 - Luis Nunes and Eugénio Oliveira, "On Learning by Exchanging Advice", in AISB JOURNAL, The Interdisciplinary Journal of Artificial Intelligence & the Simulation of Behaviour , V. 1, Nr. 3, London, 2003
 - Eugénio Oliveira, José M. Fonseca, Adolfo S. Garçao, "MACIV: A DAI Based Resource Management System", in Applied Artificial Intelligence Journal , V.11 N.6, pgs 525-550, Taylor& Francis, September 1997. ([Scopus](#))
 - Eugenio Oliveira, Carlos Ramos, "A Cooperative Multi-Agent System for an Assembly Robotics Cell", in Advanced robotics, The International Journal of the Robotics Society of Japan, Volume 10, N1, Tokyo, 1996. ([Scopus](#)) ([WOS:A1996UF18300002](#))
 - Eugénio Oliveira, Rui Camacho, Carlos Ramos, "Multi-agent environment in robotics", in Robotica 9 (pt 4), pp. 431-440, Cambridge, UK. ([Scopus](#)) ([WOS:A1991GL67500009](#))
- Internacional Conferences:
 - Henrique Lopes Cardoso, Eugénio Oliveira. “Flexible Deadlines for Directed Obligations in Agent-based Business Contracts”, in Decker, Sichman, Sierra and Castelfranchi (eds.), Proceedings of The 8th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2009), pp. 1307-1308, Budapest, Hungary, May 10–15, 2009. (CORE A*)

- Luis Nunes and Eugénio Oliveira, "Learning from Multiple Sources", in AAMAS' 04 - Autonomous Agents and Multi/Agent Systems , New York, July 20, ACM Press, pp.1106-1113,2004 ([Scopus](#)) (CORE A*)
- Alexessander Alves, Rui Camacho & Eugenio Oliveira, "Discovery of Functional Relationships in Multi-Relational Data using Inductive Logic Programming", in Proceedings of the International Conference on Data Mining , IEEE Computer Society Press, pp.319-322, 2004.([Scopus](#)) ([WOS:000225713000041](#)) (CORE A*)
- Eugénio Oliveira and Luis Sarmiento, "Emotional Advantage for Adaptability and Autonomy", in AAMAS '03 - 2nd Joint Conference on Autonomous Agents and Multi-Agent Systems , Melbourne, 2003, Eds. J.Rosenschein, T.Sandholm, M.Wooldridge, M.Yokoo, ACM Press([Scopus](#))([WOS:000182748800015](#)) (CORE A*)
- Célia Talma Gonçalves, Rui Camacho, Eugénio Oliveira. "[From Sequences to Papers: An Information Retrieval Exercise](#)", in Proc. of 2nd Workshop on Biological Data Mining and its Applications in Healthcare (BioDM 2011), collocated with 10th IEEE International Conference on Data Mining (ICDM 2011), Vancouver, Canada ([Scopus](#)). (co-located with CORE A*)
- Henrique Lopes Cardoso, Eugénio Oliveira (2008). "Norm Defeasibility in an Institutional Normative Framework", in M. Ghallab, C. Spyropoulos, N. Fakotakis & N. Avouris (eds.), Proceedings of The 18th European Conference on Artificial Intelligence (ECAI 2008), IOS Press, ISBN 978-1-58603-891-5, pp. 468-472, Patras, Greece, July 21-25, 2008. ([WOS:000273903100090](#)) (CORE A)
- Benedita Malheiro, Nick Jennings and Eugenio Oliveira, "Belief Revision in Multi-Agent Systems", in Proc. European Conference on Artificial Intelligence , Amsterdam, 1994. (CORE A)
- Joana Urbano, Ana Paula Rocha, Eugénio Oliveira (2013), "[The impact of Benevolence in Computational Trust](#)", in Agreement Technologies, (Eds). Carlos Chesnevar, E.Onaindia, S.Ossowski, G. Vouros, AT 2013, Beijing, China, Lecture Notes in Artificial Intelligence, Springer, V.8068, pp 210-224. ([Scopus](#))
- Gustavo Laboreiro, Matko Bošnjak, Luís Sarmiento, Eduarda Mendes Rodrigues, Eugénio Oliveira (2013). "[Determining language variant in microblog messages](#)", in Proceedings of the 28th Annual ACM Symposium on Applied Computing 2013, Volume I, ACM, ISBN 978-1-4503-1656-9, pp. 902-907. ([Scopus](#)) (CORE B)
- Patrícia R. J. A. Alves, Joel Gonçalves, Rosaldo J. F. Rossetti, Eugénio C. Oliveira, Cristina Olaverri-Monreal (2013). "[Forward Collision Warning Systems Using Heads-Up Display: Testing Usability of Two New Metaphors](#)". In: 2nd Workshop on Human Factors in Intelligent Vehicles (HFIV), IEEE Intelligent Vehicles Symposium (IV 2013), Gold Coast City, Australia, June 23-26, 2013 ([Scopus](#)) (CORE B)
- Nogueira, P. A., Rodrigues, R., Oliveira, E., & Nacke., L. E. "[Guided Emotional State Regulation: Understanding and Shaping Players' Affective Experiences in Digital Games](#)". In 9th Annual AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment (AIIDE). Boston, Massachusetts, USA. 2013.
- Eugénio Oliveira, "[Software Agents: Can We Trust Them?](#)". In Proceedings of IEEE 16th International Conference on Intelligent Engineering Systems-INES2012, pp.15-20, Lisbon, 2012. ([Scopus](#))

- Bošnjak, M., Oliveira, E., Martins, J., Rodrigues, E.M., Sarmiento, L. (2012). "[TwitterEcho - A distributed focused crawler to support open research with twitter data](#)", WWW'12 - Proceedings of the 21st Annual Conference on World Wide Web Companion , pp. 1233-1239 ([Scopus](#))
- Patrícia Alves, Pedro Campos and Eugénio Oliveira. "[Modeling the Trustworthiness of a Supplier Agent in a B2B Relationship](#)", in Collaborative Networks in the Internet of Services, IFIP Advances in Information and Communication Technology, 2012, Volume 380/2012, pp. 675-686. (2nd best paper). ([Scopus](#)) ([WOS:000321076200067](#))
- Joana Urbano, Henrique Lopes Cardoso, Ana Paula Rocha and Eugénio Oliveira. "[Trust and Normative Control in Multi-agent Systems: An Empirical Study](#)", in Highlights on Practical Applications of Agents and Multi-Agent Systems, Series: Advances in Intelligent and Soft Computing, 2012, V. 156/2012, 207-214.([WOS:000310548300025](#)) ([Scopus](#))
- Antonio J. M. Castro, Ana Paula Rocha and Eugenio Oliveira "[Towards an Autonomous and Intelligent Airline Operations Control](#)". Proceedings of the 2012 15th IEEE Conference on Intelligent Transportation Systems (ITSC 2012), Anchorage, USA, pp. 1429-1434. ([Scopus](#)) ([WOS:000312599600237](#))
- J. Teixeira, L. Sarmiento, E. Oliveira, "[A Bootstrapping Approach for Training a NER with Conditional Random Fields](#)", Progress in Artificial Intelligence , L. Antunes and H.S. Pinto (Eds.) EPIA 2011, LNAI V.7026, Springer, pp. 664-678, (nominee for Best Paper Award) ([Scopus](#)) ([WOS:000310859800048](#)) (CORE B)
- J. Urbano, A. P. Rocha, E. Oliveira, "[Dynamic Agents' Behavior Model for Computational Trust](#)", Progress in Artificial Intelligence, L. Antunes and H.S. Pinto (Eds.): EPIA 2011, LNAI V. 7026, Springer, pp. 536–550, 2011 ([Scopus](#)) ([WOS:000310859800039](#)) (CORE B)
- G. Laboreiro, L. Sarmiento, E. Oliveira. "[Identifying Automatic Posting Systems in Microblogs](#)" Progress in Artificial Intelligence , L. Antunes and H.S. Pinto (Eds.): EPIA 2011, LNAI V. 7026, Springer, pp.634-648. ([Scopus](#)) ([WOS:000310859800046](#)) (CORE B)
- Henrique Lopes Cardoso, Eugénio Oliveira (2008). "A Contract Model for Electronic Institutions", in J.S. Sichman et al. (eds.), Coordination, Organizations, Institutions, and Norms in Agent Systems III, LNAI 4870, Springer, ISBN: 978-3-540-79002-0, pp. 27-40 ([Scopus](#)) (CORE B)
- Andreia Malucelli and Eugénio Oliveira, "Ontology-Services to Facilitate Agents' Interoperability", in PRIMA'03 - 6th Pacific Rim International Workshop On Multi-Agents, LNAI, Vol. 2891, pp. 170-181, Springer-Verlag. November, Seoul, Korea, 2003. ([Scopus](#)) ([WOS:000188172400015](#)) (CORE B)
- Henrique Lopes Cardoso and Eugénio Oliveira, "A Platform for Electronic Commerce with Adaptive Agents", in AA'2000 Agent-Mediated Electronic Commerce III , Frank Dignum and Ulises Cortés (eds.), LNAI 2003, pp.96-107, Springer-Verlag, 2000.
- Eugénio Oliveira, "Robots as responsible Agents", in Proceedings of IEEE Conference on Systems, Man and Cybernetics , Orlando, USA, 1997. ([Scopus](#)) ([WOS:A1997BJ80Y00397](#)) (CORE B)
- "Dynamic Selection of Action Sequences", Feliz Ribeiro, J.P.Barthes, E. Oliveira, in From Animals to Animates 2, (ed.) Jean Arcady Meyer, Roitblat, S. Wilson, MIT Press, 1993 ([Scopus](#)) ([WOS:A1993BA26G00022](#)).