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Education:

1999 PhD in Information Systems, 1999, Lisbon Technical University, Portugal

1987 B.S., Agronomy Science, Lisbon Technical University, Portugal

Primary areas of expertise: data warehousing, relational databases, computer science education, application of IT in education, information ecology, simulation models

Recent publications:

- Caldeira, C. (2011). *A Arte das Bases de Dados*. Edições Sílabo, Lisboa. ISBN 978-972-618-627-4
- Ferreira, A., Caldeira, C. & Olival, F. (2011). *Das Bases de Dados Prosopográficas à Análise de Redes: Ensaio de Aplicação a Dados Históricos. Proceedings of the 2^{as} Jornadas de Informática da Universidade de Évora - JIUE'2011*, Évora. ISBN 978-989-97060-2-6
- Ribeiro, N., Caldeira, C. & Filipe, J. (2011). Applying Problem Based Learning educational method for improving Human-tech competencies in Computer Engineering students: a research proposal. *Proceedings of the 2^{as} Jornadas de Informática da Universidade de Évora - JIUE'2011*, Évora. ISBN 978-989-97060-2-6
- Caldeira, C. (2010). *A Ecologia da Informação Aplicada ao Desenho de Bases de Dados. Novena Conferencia Iberoamericana en Sistemas, Cibernética e Informatica: CISCI 2010: 29 de Junio a 2 de Julio de 2010*, Orlando, Florida.
- Caldeira, C. (2009). *A Data Warehouse Virtual Appliance - A research in progress. Proceedings of the 3rd European Conference on Information Management and Evaluation - ECIME 2009*, September 17-18, Gothenburg, Sweden.
- Caldeira, C. (2009). *A Ecologia da Informação na Definição de Domínios. International Conference on Information Systems and Technology Management*, June 3-5. S. Paulo, Brasil.
- Caldeira, C. (2008). *Data Warehousing: Conceitos e Modelos*. Edições Sílabo, Lisboa. ISBN 978-972-618-479-9

- Caldeira, C. (2008). Teaching SQL: A Case Study. *ITiCSE '08: Proceedings of the 13th annual conference on Innovation and technology in computer science education*, June 30 - July 2, Madrid, Spain: 340.
- Caldeira, C. (2008). Review of: Group cognition: Computer support for building collaborative knowledge John Wiley & Sons (2006). *Journal of the American Society for Information Science and Technology* 59(9): 1531.
- Caldeira, C. (2007). A Utilização de Bases de Dados em Prosopografia. *Seminário de Prosopografia, bases de dados e análise de redes: pressupostos teórico-metodológicos*. Instituto de Investigação Científica Tropical, 15-19 de Outubro, Lisboa.
- Caldeira, C. (2007). Review of: The Microsoft Data Warehouse Toolkit, John Wiley and Sons Inc. (2006). *The Computer Journal* 50(2): 249.
- Caldeira, C. (2007). Winesys: an Information System for Wine Route Management (Work in Progress). *International Science and Technology Conference*. Malaga, Spain, March 21-22.
- Caldeira, C. (2007). Review of: Introduction to Information Systems: Supporting and Transforming Business, John Wiley and Sons Inc. (2007). *Information Processing and Management* 43(3): 824-825.
- Caldeira, C. (2006). Winesys: a database model for wine route management. *MCIS'06 Mediterranean Conference on Information Systems*. San Servolo, Venice, Italy, October 5-9.
- Caldeira, C. (2006). Relational Modeling Advantages over the E-R Approach. *CODATA 2006 International Conference - Scientific Data and Knowledge within the Information Society*. October 22-25, Beijing, China.
- Caldeira, C. (2006). A Data Warehouse Perspective on Agricultural Databases. : *7th International Conference on Mathematics and Computers in Biology and Chemistry*, June 13-15.
- Caldeira, C. (2006). *Projecto de Arquitectura em XML para Publicação de Dados Académicos e Científicos*. XATA 2006 - XML: Aplicações e Tecnologias Associadas, ESTG, Portalegre, 9 e 10 de Fevereiro.
- Caldeira, C. (2006). *Introdução às Folhas de Cálculo* (Brief notes about spreadsheets). ISBN: 972-99834-4-5. Universidade de Évora, Évora.
- Caldeira, C. (2005). *A Usabilidade das Bases de Dados Relacionais* (Database usability issues). ISBN: 972-99834-0-2. Universidade de Évora, Évora.
- Caldeira, C. (2002). Mining Agricultural Information Through Metadata Repositories. Presenting author In: *Proceedings of the 17th Symposium of the International Farming Systems Association*, "Farming Systems Knowledge and Information Systems Chapter", 17-20 November, Gainesville, Florida: 105.
- Caldeira, C. (2001). Design and Implementation of a GUI Database Interface to DSSAT. In: *Proceedings of the 2nd International Symposium on Modelling Cropping Systems*, 16-18 July, Florence, Italy: 113-114.

Patents:

PROSOPOGRAFIA & REDES - SISTEMA DIGITAL DE PROCESSAMENTO DE DADOS EM REDES SOCIAIS (*Prosopography and Networks- Digital Data Processing System for Social Networks*). Inventor: C. P. Caldeira. Approved by the Portugal Patent Office.

Committee Assignments:

ECEG 2010 Member of the Program Committee for 10th European Conference on e-Government . National Centre for Taxation Studies, University of Limerick, Ireland, 17-18 June 2010.

ECIME 2010 Member of the Program Comiittee for the 4th European Conference on Information Management and Evaluation. ISEGI, New University of Lisbon, 9-10 September 2010.

EISWT-2010 Member of the Program Committee for International Conference on Enterprise Information Systems and Web Technologies (EISWT-10) . Orlando, Florida, USA, 12-14 July 2010.

SETP-09 International Conference on Software Engineering Theory and Practice, July 13-16, 2009. Orlando, Florida, USA.

In Site 2009: Informing Science and Information Technology Education Joint Conference, June 12-15, Macon State College, Georgia, USA.

EISWT-09 International Conference on Enterprise Information Systems and Web Technologies, July 13-16, 2009. Orlando, FL, USA.

ECIME 2008. 2nd European Conference on Information Management and Evaluation Royal Holloway, 11-12 September 2008, University of London, UK.

EISWT-08 International Conference on Enterprise Information Systems and Web Technologies, July 7-10, 2008. Orlando, FL, USA.

18th IRMA International Conference. Theme: Managing Worldwide Operations and Communications with Information Technology, May 19-23, 2007. Vancouver, British Columbia, Canada

MCBC 2007 8th WSEAS International Conference on MATHEMATICS and COMPUTERS in BIOLOGY and CHEMISTRY, June 19-21, 2007. Vancouver, Canada.

EHAC 2007. The 6th WSEAS International Conference on ELECTRONICS, HARDWARE, WIRELESS and OPTICAL COMMUNICATIONS, , February 16-19, 2007, Corfu Island, Greece.

The 5th International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED '07)

IACIS 2006 (International Association for Computer Information Systems) Conference,
October 4-7, 2006 Reno, Nevada, USA

3er Simposium Iberoamericano de Educación, Cibernética e Informática (SIECI 2006),
July 20-23, 2006, Orlando, Florida, USA

The 6th International Conference on DISTANCE LEARNING and WEB
ENGINEERING (DIWEB '06)

2006 International Conference on Cellular and Molecular Biology - Biophysics and
Bioengineering (BIO'06)

2006 WSEAS International Conference on Mathematical Biology and Ecology

2005 WSEAS International Conference on Mathematical Biology and Ecology

Membership:

ACM's Special Interest Group on Management of Data (SIGMOD)

ACM's Special Interest Group on Computer Science Education (SIGCSE)

WSEAS Working Group on Biology and Biomedicine

Independent Oracle Users Group (IOUG)