

CURRICULUM VITAE

António Manuel Ferreira Rito da Silva

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PERSONAL DATA

- Address:
INESC ID,
Av. Prof. Dr. Cavaco Silva, 2744-016 Porto Salvo PORTUGAL

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E-mail: Rito.Silva@tecnico.ulisboa.pt

- Personal Details:
Date of Birth: 8/4/1964
Nationality: Portuguese
Domicile: Lisboa (PORTUGAL)

RESEARCH INTERESTS

- Social Software Engineering
- Business Process Management
- Organizational Design and Engineering
- Colaborative Development of Software
- Virtual Citizenship

FOREIGN LANGUAGES

- English - Good
- Spanish - Good

1 ACADEMIC EDUCATION

Doctor of Engineering Degree in Systems and Computer Science

Concurrent Object-Oriented Programming: Separation and Composition of Concerns using Design Patterns, Pattern Languages, and Object-Oriented Frameworks

Technical University of Lisbon

March 1999

Master Degree in Applied Mathematics - Computer Science

Technical University of Lisbon.

December 1991

Grade: "Very Good"

Graduation in Applied Mathematics - Computer Science

University of Lisbon

July 1987

Grade : 16 (0-20)

2 ACADEMIC ACTIVITY

2.1 TEACHING FUNCTIONS

- 11/2004 to present: Associate Professor
Instituto Superior Técnico's Department of Computer Science and Engineering Engineering
Technical University of Lisbon
- 9/99 to 11/2004: Assistant Professor
Instituto Superior Técnico's Department of Computer Science and Engineering Engineering
Technical University of Lisbon
- 6/98 to 9/99: Teaching Assistant
Instituto Superior Técnico's Department of Computer Science and Engineering Engineering
Technical University of Lisbon
- 9/92 to 6/98: Teaching Assistant
Instituto Superior Técnico's Department of Electrical and Computer Engineering
Technical University of Lisbon
- August 1989: Invited Professor
Agostinho Neto University's Department of Electrical Engineering
Luanda, Angola

- 9/87 to 8/92: Teaching Assistant
Instituto Superior Técnico's Department of Mathematics and Computer Science
Technical University of Lisbon

2.2 TEACHING ACTIVITY

- Security Engineering. Technical University of Lisbon.
- Software Quality. Technical University of Lisbon.
- Software Testing. Technical University of Lisbon.
- Software Design and Architecture. University of Madeira. 2004.
- Software Architectures. Technical University of Lisbon
- Software Engineering. Technical University of Lisbon
- Object-Oriented Analysis and Design Methods. Professional Course at INA (Portuguese Institute of Administration - Lisbon). 1996
- Object-Oriented Methods: OMT. Professional Course at FUNDETEC (INESC Educational Institute - Lisbon). 1995
- Object-Oriented Methods and Design Patterns. Professional Course at LISNAVE (Portuguese Shipyard - Setúbal). 1995
- Paradigms of Programming Languages. Technical University of Lisbon
- Logic Foundations of Programming. Technical University of Lisbon
- Syntax and Semantics of Languages. University of Luanda. 1989.
- Databases. Technical University of Lisbon
- Compilers. Technical University of Lisbon
- Operating Systems. Technical University of Lisbon
- Programming in Pascal, C, C++ and JAVA. Technical University of Lisbon

2.3 TEACHING AWARDS

1. Best Teacher (9 out of 9) in Software Architectures classes in 2011/12 Winter semester.

2.4 ACADEMIC SUPERVISION

39. Graduation Thesis of Sérgio Nunes and Bruno Almeida, *Web Application for Tutorship*, Technical University of Lisbon, September 2007.
38. Graduation Thesis of Luís Santos and Sérgio Patrício, *Web Application for Scientific Publications*, Technical University of Lisbon, September 2006.

37. Graduation Thesis of Paulo Abrantes, *Web Application for Management of Evaluations Monitoring*, Technical University of Lisbon, September 2006.
36. Graduation Thesis of Pedro Santos and Rita Carvalho, *Web Application for IST Semester Management*, Technical University of Lisbon, September 2005.
35. Graduation Thesis of Carlos Pereira and Francisco Passos, *Web Application for IST Scientific Publications Management* Technical University of Lisbon, September 2005
34. Graduation Thesis of André Fernandes and João Brito, *Web Application for IST Courses Management* Technical University of Lisbon, September 2005.
33. Graduation Thesis of João Sá and Rui Lopes, *Web Application for IST Courses Group Management*, Technical University of Lisbon, August 2005.
32. Graduation Thesis of Pedro Santos, *Tool Support for for XP Software Development* Technical University of Lisbon, July 2005.
31. Graduation Thesis of Ana Costa Vieira and Ana Sofia Graça, *Tool Support for Distributed Software Development*, Technical University of Lisbon, October 2004.
30. Graduation Thesis of Nuno Correia and Ricardo Rodrigues, *Web Application for IST Courses Management*, Technical University of Lisbon, September 2004.
29. Graduation Thesis of Ana Gouveia and Ricardo Lopes, *Web Application for IST Semester Management*, Technical University of Lisbon, September 2004.
28. Graduation Thesis of Nadir Tarmahomed and Shezad Anavarali, *Web Application for IST Virtual Administrative Offices*, Technical University of Lisbon, September 2004.
27. Graduation Thesis of Gonçalo Luiz, *BESERK - BusinEss logic Runtime & Security Resources Kit*, Technical University of Lisbon, July 2004.
26. Graduation Thesis of Hugo Pereira and Vanda Batista, *Web Application for IST Roles Management*, Technical University of Lisbon, November 2003.
25. Graduation Thesis of Ana Sofia Rodrigues and Sara Oliveira, *Web Application for IST Courses Group Management*, Technical University of Lisbon, November 2003.
24. Graduation Thesis of Cláudio Oliveira and José Gomes, *Distributed Software Development*, Technical University of Lisbon, September 2003.
23. Graduation Thesis of Rosa Carchena and João Baptista, *Functional Diagrams Automatic Generation*, Technical University of Lisbon, September 2002.
22. Graduation Thesis of João Mota e do José Neves, *@TX Development Process*, Technical University of Lisbon, September 2002.
21. Graduation Thesis of Cátia Martins and Nuno Antão, *Web Application for IST Semester Management*, Technical University of Lisbon, September 2002.
20. Graduation Thesis of Ana Rita Rodrigues and Carlos Matos, *HelpDesk Supported by Workflow Technology*, Technical University of Lisbon, September 2002.

19. Graduation Thesis of Filipe Velosa and Nuno Teles, *Workflow Role-Based Access Control*, Technical University of Lisbon, September 2002.
18. Graduation Thesis of Ricardo Jota Costa, *Experimentation with a Framework for Awareness Management*, Technical University of Lisbon, July 2002.
17. Graduation Thesis of Gonçalo Franco and Nuno Rosa, *DQAudit - A Tool for Data Quality Audit*, Technical University of Lisbon, July 2002.
16. Graduation Thesis of João Garcia and Bruno Pais, *GesDis - Web-Based System for the Management of a University Course*, Technical University of Lisbon, October 2001.
15. Graduation Thesis of Ruben Carvalho and Pedro Vieira, *Business Modelling of BES100 Banking Product*, Technical University of Lisbon, September 2001.
14. Graduation Thesis of Sérgio Fernandes, *Compositional Micro-Workflow Architecture to Support Business Processes*, Technical University of Lisbon, July 2001.
13. Graduation Thesis of Jorge Martins, *Development of Virtual Environments using an Object-Oriented Framework*, Technical University of Lisbon, July 2001.
12. Graduation Thesis of Paulo Dias, *Application Development using Workflow Technology*, Technical University of Lisbon, July 2001.
11. Graduation Thesis of António Boticas and Nuno Oliveira, *Textual Virtual Environment to Support Lessons*, Technical University of Lisbon, September 2000.
10. Graduation Thesis of Alexandre Pinto and Ricardo Sousa, *Pattern Finder: A Regular Expressions Module for Data Quality Applications*, Technical University of Lisbon, July 2000.
9. Graduation Thesis of Carlos Alves and Daniel Silva, *Applying DASCo to the Development of a Groupware Distributed Meeting Application*, Technical University of Lisbon, September 1997.
8. Graduation Thesis of José Carlos Gama and Miguel Antunes, *Applying DASCo to the Development of a Distributed Ticket Reservation Application using C++ and ISIS*, Technical University of Lisbon, September 1997.
7. Graduation Thesis of Teresa José and Gabriel Coutinho, *Applying DASCo to the Development of a Distributed Voting Application using C++ and ISIS*, Technical University of Lisbon, September 1997.
6. Graduation Thesis of Pedro Gomes and Rui Monteiro, *Applying DASCo to the Development of a Distributed Agenda using JAVA*, Technical University of Lisbon, September 1997.
5. Graduation Thesis of Francisco Mota, *Analysis, Design and Implementation of a Distributed Tool of Model Drawing*, Technical University of Lisbon, July 1996.
4. Graduation Thesis of Nino Torres and Pedro Santos, *Analysis, Design and Implementation of a Distributed Agenda*, Technical University of Lisbon, July 1996.
3. Graduation Thesis of João Martins and Luis Gil, *C++ Implementation of a Framework for Concurrency*, Technical University of Lisbon, July 1996.

2. Graduation Thesis of Cláudia Ramos, Nuno Serra and Tiago Figueiredo, *Organizational Modeling using the OOram Method: the process of purchasing equipment at INESC*, Technical University of Lisbon, July 1996.
1. Graduation Thesis of Paulo Sousa and Jorge Silva, *Organizational Modeling: the process of purchasing equipment at INESC*, Technical University of Lisbon, July 1995.

2.5 SERVICE TO THE ACADEMIC COMMUNITY

2.5.1 RECRUITING COMMITTEES

3. Assistant Professor of the Computer Science Department, FCT - New University of Lisbon, September 2013.
2. Assistant Professor of Information Sciences and Technology, ISCTE – University Institute of Lisbon, September 2011.
1. Invited Assistant Professor of Project Management and Socio-professional Aspects of Information Technology, FCT - New University of Lisbon, June 2011.

2.5.2 DOCTORAL COMMITTEES

24. Doctoral thesis committee for Filipe Correia. *Documenting Software with Adaptive Software Artifacts*, Informatics Engineering, University of Porto, May 2015.
23. Doctoral thesis committee for Gonçalo Antunes. *Analysis of Enterprise Architecture Models: An Application of Ontologies to the Enterprise Architecture Domain*, Information Systems and Computer Engineering, Instituto Superior Técnico, University of Lisbon, April 2015.
22. Doctoral thesis committee for António Gonçalves. *Using Activity Diagrams to Model an Organization: an Approach based on the Ψ Theory*, Information Systems and Computer Engineering, Instituto Superior Técnico, University of Lisbon, December 2014.
21. Doctoral thesis committee for Nuno Rua. *A Different Perspective on Legacy Information Systems Modernization*, Engineering Management, Instituto Superior Técnico, University of Lisbon, December 2014.
20. Doctoral thesis committee for Gustavo Santos. *Reusable and Interoperable Web-Based Intelligent Tutoring Systems as Open Educational Resources Through E-Learning Standards*, Information Systems and Computer Engineering, Instituto Superior Técnico, University of Lisbon, October 2014.
19. Doctoral thesis committee for Francisco Duarte. *Automated Software Systems Generation for Process-oriented Organizations*, Technology and Information Systems Doctoral Program, University of Minho, Guimarães, October 2014.
18. Doctoral thesis committee for Mesfin Kifle. *Goal-Driven Reflection: A Learning Oriented Approach for Organizational Requirements Development*, IT Doctoral Program, Addis Ababa University, June 2014.

17. Doctoral thesis committee for Fernando Sérgio Barbosa. *Generic Roles: Reducing Code Replication*, Informatics Engineering, University of Porto, September 2013.
16. Doctoral thesis committee for Carla Farinha. *Requirements Elicitation with Focus Groups*, Information Systems and Computer Engineering, Technical University of Lisbon, April 2013.
15. Doctoral thesis committee for Mauricio Alférez. *Derivation and Consistency Checking of Models in Early Software Product Line Engineering*, Informatics Engineering, New University of Lisbon, December 2012.
14. Doctoral thesis committee for Nuno Flores. *Patterns and Tools for Improving Framework Understanding: A Collaborative Approach*, Informatics Engineering, University of Porto, November 2011.
13. Doctoral thesis committee for Hugo Ferreira. *Automatic Plan Generation and Adaptation by Observation - Supporting complex human planning*, Informatics Engineering, University of Porto, November 2011.
12. Doctoral thesis committee for Carla Pereira. *Using Organizational Taxonomies to Support Business Process Design*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2011.
11. Doctoral thesis committee for Cátia Vaz. *A formal approach to long running transactions*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2010.
10. Doctoral thesis committee for João Garcia. *Task-based Personal Data Management*, Information Systems and Computer Engineering, Technical University of Lisbon, December 2009.
9. Doctoral thesis committee for André Santos. *Domain-Oriented Reuse Interfaces for Object-Oriented Frameworks*, Informatic, University of Lisbon, March 2009.
8. Doctoral thesis committee for Paula Martins. *ProPAM - a Software Process Improvement Approach based on Process and Project Alignment*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
7. Doctoral thesis committee for André Vasconcelos. *Information Systems Architecture: Representation e Evaluation*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2007.
6. Doctoral thesis committee for Miguel Monteiro. *Refactorings to Evolve Object-Oriented Systems with Aspect-Oriented Concepts*, School of Engineering, University of Minho, July 2005.
5. Doctoral thesis committee for José Poveda Albaladejo. *Contributions to the Generation and Representation of Digital Terrain Models*, Computer Science, Universitat Jaume I, Castellón, Spain, July 2005.
4. Doctoral thesis committee for David Matos. *Building Systems for Automatic Generation of Natural Language*, Information Systems and Computer Engineering, Technical University of Lisbon, June 2005.

3. Doctoral thesis committee for Ana Almada Cardoso. *Structure Complexity Metrics on Algorithms Codified in C Language*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2004.
2. Doctoral thesis committee for Ademar Aguiar. *Framework Documentation: A Minimalist Approach*, Electrical and Computer Engineering, University of Porto, June 2004.
1. Doctoral thesis committee for Miguel Wermelinger. *Specification of Software Architecture Reconfiguration*, Informatics Engineering, New University of Lisbon, December 1999.

2.5.3 MASTERS COMMITTEES

112. Master thesis (Bologna) committee for André Rei. *Profiling Agent and Rule-set Optimization in Misuse Based Intrusion Detection Systems*, Information Systems and Computer Engineering, University of Lisbon, June 2015. (President)
111. Master thesis (Bologna) committee for Rita Policarpo. *Semantic Classification of Nouns*, Information Systems and Computer Engineering, University of Lisbon, June 2015. (President)
110. Master thesis (Bologna) committee for Alexandre Aguiar. *File System with History*, Information Systems and Computer Engineering, University of Lisbon, June 2015. (President)
109. Master thesis (Bologna) committee for Pedro Gomes. *Track It (Again)*, Information Systems and Computer Engineering, University of Lisbon, June 2015. (President)
108. Master thesis (Bologna) committee for Tiago Cardoso. *A Framework towards Efficient Integration of Energy Data*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2013.
107. Master thesis committee for Carolina Freiras. *A proposal for resources elicitation with focus on organizational processes variability*, Programa de Pós-Graduação em Engenharia da Computação, Escola Politécnica de Pernambuco, University of Pernambuco, Brazil. September 2013.
106. Master thesis (Bologna) committee for Frederico Freitas. *Micromanagement in Real Time Strategy Games: A Squad-Based Approach*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)
105. Master thesis (Bologna) committee for Luís Dias. *CollectTA: Collective Tour Advisor*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)
104. Master thesis (Bologna) committee for Luís Santos. *Resolution of Place Name References in Textual Documents*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)
103. Master thesis (Bologna) committee for Duarte Dias. *Text Mining Methods for Mapping Opinions from Georeferenced Documents*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)

102. Master thesis (Bologna) committee for João Amaro. *SmartAndroid - Mobile Enterprise Development*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)
101. Master thesis (Bologna) committee for Luís Machado. *Information System Architecture for the Portuguese Airforce Aircraft Technical Log*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)
100. Master thesis (Bologna) committee for Nuno Antunes. *Services Architecture for Interoperability in Public Administration*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012. (President)
99. Master thesis (Bologna) committee for Maria Cunha. *Automatic Maintenance of Test Scripts*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2012.
98. Master thesis (Bologna) committee for Ana Vieira. *Using a CRM Approach for Implementing an Information System to Support ITIL*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2012. (President)
97. Master thesis (Bologna) committee for David Dias. *A Method for Improving Healthcare Management Using Enterprise Ontology*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2012. (President)
96. Master thesis (Bologna) committee for Maria do Mar Rosa. *A Method for Identifying IT Services Using Incidents*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2012. (President)
95. Master thesis (Bologna) committee for Diogo Duarte. *Using Visualization Techniques and Gamification to Involve Users in Requirements Elicitation*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2012.
94. Master thesis (Bologna) committee for David Lucas. *Disabled 'R' All – Situationally-Induced Impairments and Disabilities*, Information Systems and Computer Engineering, Technical University of Lisbon, June 2012. (President)
93. Master thesis (Bologna) committee for Joana Almeida. *Stories, Agents and Videotapes: Agents that make up stories*, Information Systems and Computer Engineering, Technical University of Lisbon, June 2012. (President)
92. Master thesis (Bologna) committee for Jaime Jorge. *Tracking Software Clone Evolution Through Meta Clone Detection*, Information Systems and Computer Engineering, Technical University of Lisbon, June 2012.
91. Master thesis (Bologna) committee for Erik Wennberg. *Detection and Geo-temporal Tracking of Important Topics in News Texts*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011. (President)
90. Master thesis (Bologna) committee for Diogo Santos. *Extracção de Opiniões sobre Entidades Mencionadas em Documentos*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011. (President)

89. Master thesis (Bologna) committee for Sara Canteiro. *Risk Assessment in Digital Preservation*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011. (President)
88. Master thesis (Bologna) committee for Hugo Antunes. *EcoFarmer*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011. (President)
87. Master thesis (Bologna) committee for Francisco Valdez. *Reference Architecture for Records Management - A Goal-Driven Approach Using Business Capabilities*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011. (President)
86. Master thesis (Bologna) committee for David Granchinho. *Concurrent Programming Using Transactional Memory With Parallel Nesting*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011. (President)
85. Master thesis (Bologna) committee for Raúl Mesquita. *WebC-Contacts - Collaborative Management of Contacts*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011.
84. Master thesis (Bologna) committee for Vasco Mendes. *Medicine.Ask: an extraction and search system for medicine information*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2011. (President)
83. Master thesis (Bologna) committee for André Varela. *Evaluation of Normalized Systems Theory applied on Evolutionary IS Implementation*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2011.
82. Master thesis (Bologna) committee for Vitor Sequeira. *Hierarchical Classification of Web Documents according to a Topics Hierarchy*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2011. (President)
81. Master thesis (Bologna) committee for Gonçalo Batista. *Workflow Tasks on Disconnected Environments with Mobile Devices*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
80. Master thesis (Bologna) committee for Luís Nascimento. *Methodologies of Support to the Execution of Risk Management*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
79. Master thesis (Bologna) committee for Tiago Jordão. *fMRI Data Analysis Techniques and the Self-Organizing Maps Approach*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
78. Master thesis (Bologna) committee for Pedro Montesinho. *WebGIS Engine*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
77. Master thesis (Bologna) committee for Diogo Duarte. *Mechanisms for Remote Access to Home Automation Systems*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)

76. Master thesis (Bologna) committee for André Louçã. *Crossing Financial Time Series with Domain Knowledge*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
75. Master thesis (Bologna) committee for Flávio Esteves. *Automatic Search Disambiguation*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
74. Master thesis (Bologna) committee for Ricardo Santos. *Music Information Retrieval*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
73. Master thesis (Bologna) committee for Pedro Vaz. *Ancient and Medieval Battle Simulator*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010.
72. Master thesis (Bologna) committee for Gustavo Guerra. *Testing Support for the OutSystems Agile Platform*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
71. Master thesis (Bologna) committee for Diogo Mariano. *LaSMUDE: Large Scale Multi-User Design Environment*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
70. Master thesis (Bologna) committee for Carlos Rocha. *WebC-Docs/Wf - Document Management with Workflow Mechanisms*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010.
69. Master thesis (Bologna) committee for Miguel Pinto. *Project Management with Agile Processes*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
68. Master thesis (Bologna) committee for Guilherme Duarte. *Personal Trainer System: Technology Applied to Monitoring, Motivation and Evolution*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
67. Master thesis (Bologna) committee for Marco Santos. *WAIST: Wasp Inspired Scheduling for Real-Time Strategy Games*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
66. Master thesis (Bologna) committee for Filipe Martins. *Implementing ITIL Change Management*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
65. Master thesis (Bologna) committee for Miguel Henriques. *Enterprise Governance with DEMO - Towards a reference method to guide the enterprise dynamics by addressing DEMO's competence, authority and responsibility*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
64. Master thesis (Bologna) committee for João Leitão. *SmartSTEP: Automatic Configuration of Web Services*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)

63. Master thesis (Bologna) committee for Sérgio Gomes. *Generation of Metadata Associated with Multimedia Content*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
62. Master thesis (Bologna) committee for João Gonçalves. *LOBSTER - A Mobile Multimedia Push Location Based Services Platform*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
61. Master thesis (Bologna) committee for Pedro Costa. *SimplexIS - Assess the Impact of SIMPLEX on Information Systems Architecture*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010. (President)
60. Master thesis (Bologna) committee for Lara Leite. *Context and Location-Awareness for an Indoor Mobile Guide*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
59. Master thesis (Bologna) committee for Miguel Raposo. *The Browser*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
58. Master thesis (Bologna) committee for Raul Silva. *Organizational Maturity and ITIL Adoption*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
57. Master thesis (Bologna) committee for Paulo Marques. *Identification and Performance Management of IT Services*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
56. Master thesis (Bologna) committee for Cláudio Diniz. *RuDriCo2 - A Faster Disambiguator and Segmentation Modifier*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
55. Master thesis (Bologna) committee for Raoul Félix. *Scalable and Efficient Resource Discovery in P2P Grids*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
54. Master thesis (Bologna) committee for Ricardo Filipe. *Deduplication in HTTP Traffic - Redundancy Detection and Suppression on the Web*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
53. Master thesis (Bologna) committee for Diogo Cunha. *Organisational Wikipedia: Safirapedia Project*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010. (President)
52. Master thesis (Bologna) committee for Stoyan Garbatov. *Data Access Pattern Analysis and Prediction for Object-Oriented Applications*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2009.
51. Master thesis (Bologna) committee for Nuno Tomás. *Story Tags: Narratives for the tagging of stories*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2009.

50. Master thesis (Bologna) committee for António Cerqueira. *Differentiator Factors in the Implementation of Social Network Sites*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2009.
49. Master thesis (Bologna) committee for Tiago Teixeira. *Web Collaboration for Software Engineering*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2009.
48. Master thesis (Bologna) committee for Pedro Castanheira. *Requirements specification and design of knowledge discovery and source monitoring services for a collaborative network platform*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2009.
47. Master thesis (Bologna) committee for Cláudio Costa. *Social Software for Music*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2009.
46. Master thesis (Bologna) committee for Daniel Magalhães. *Semantic Wikis for the Collaborative Management of Conceptual Models*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2009.
45. Master thesis (Bologna) committee for Pedro Teixeira. *Browsing and Searching Files*, Information Systems and Computer Engineering, Technical University of Lisbon, May 2009.
44. Master thesis (Bologna) committee for André Costa. *A development tool for the ION simulation platform*, Information Systems and Computer Engineering, Technical University of Lisbon, March 2009.
43. Master thesis (Bologna) committee for Afonso Pimentel. *Multi-criteria Analysis for Architectural Choices in Software Product Lines*, Information Systems and Computer Engineering, New University of Lisbon, February 2009.
42. Master thesis (Bologna) committee for Sandra António. *Adapting i* Framework for Software Product Lines*, Information Systems and Computer Engineering, New University of Lisbon, February 2009.
41. Master thesis committee for Rodrigo Ferreira. *Towards a Third Wave Software Delivery Network*, Information Systems and Computer Engineering, Technical University of Lisbon, December 2008.
40. Master thesis committee for Carlos Ruben Ferreira. *Risk Analysis in the Construction of Ontologies*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2008.
39. Master thesis committee for Karla Andrade. *A Contribution of Requirements Engineering to Ontologies Specification: An Application to Collaborative Networks*, Information Management, University of Porto, October 2008.
38. Master thesis (Bologna) committee for Sérgio Magalhães. *Developing the Computer Version of a Board Game - Case Study: World of Warcraft - The Board Game*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.

37. Master thesis (Bologna) committee for Daniel Zacarias Silva. *Radia Source - An Information System for the Management of Processes in a Radio Station*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
36. Master thesis (Bologna) committee for João Neves. *Multi-channel Processes Support*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
35. Master thesis (Bologna) committee for David Rodrigues. *Design of a Speech Interface for Augmenting Desktop Accessibility*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
34. Master thesis (Bologna) committee for Rui Pascoal. *Workflow Academic - Workflow System to Support Academic Evaluation Processes*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
33. Master thesis (Bologna) committee for António Farinha. *integrationUTL - Integration and Consolidation of the Technical University of Lisbon Information*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
32. Master thesis (Bologna) committee for António Afonso Martins. *Mashup*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
31. Master thesis (Bologna) committee for Gonçalo Marques. *Fénix - e-Learning Module*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
30. Master thesis (Bologna) committee for Gonçalo Dumiense. *Enforcing Complex Access Control Policies in Rich Domain Applications*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
29. Master thesis (Bologna) committee for Adriano Andrade. *P-DEPT - Educational Department Process Support*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2008.
28. Master thesis (Bologna) committee for João Rocha. *Wiki for Kids – A Collaborative Platform for Primary Schools*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2008.
27. Master thesis (Bologna) committee for Mário Lopes. *EventBook: a web site for events management*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2008.
26. Master thesis (Bologna) committee for Carlos Tavares. *Context Awareness in a Personal Health Assistant*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2008.
25. Master thesis (Bologna) committee for André Silva. *WaaS: Wiki as a Service*, Master in Informatics and Computing Engineering, Faculty of Engineering, University of Porto, July 2008.

24. Master thesis (Bologna) committee for Pedro Dias. *i* Organizational Architectures based on Agents: A Model Driven Approach*, Information Systems and Computer Science, New University of Lisbon, July 2008.
23. Master thesis (Bologna) committee for André Gil. *Integrating Early Aspects with Goal-Oriented Requirements Engineering: The Case of KAOS*, Information Systems and Computer Science, New University of Lisbon, July 2008.
22. Master thesis (Bologna) committee for João Santos. *Deriving SPL Requirements Analysis Models from Textual Requirements*, Information Systems and Computer Science, New University of Lisbon, July 2008.
21. Master thesis (Bologna) committee for André Sousa. *Traceability Support in Software Product Lines*, Information Systems and Computer Science, New University of Lisbon, July 2008.
20. Master thesis committee for Frederico Baptista. *eCT - Electronic Commerce Library to the WebComfort Platform*, Information Systems and Computer Engineering, Technical University of Lisbon, May 2008.
19. Master thesis committee for Ricardo Lapão. *Information and Organizational Self-Awareness*, Information Systems and Computer Engineering, Technical University of Lisbon, April 2008.
18. Master thesis committee for Leonardo Varella-Cid. *The Role of Communities in Organizational Learning*, Information Systems and Computer Engineering, Technical University of Lisbon, April 2008.
17. Master thesis committee for Ana Sofia Carvalho. *A Methodology for Testing of Software*, Management of Information Systems, Instituto Superior de Ciências do Trabalho e da Empresa, March 2008.
16. Master thesis committee for João Saraiva. *The UML Modeling Tool of ProjectIT-Studio*, Information Systems and Computer Engineering, Technical University of Lisbon, February 2007.
15. Master thesis committee for Ana Rita Fernandes. *Context Modeling in Organizational Engineering*, Information Systems and Computer Engineering, Technical University of Lisbon, April 2006.
14. Master thesis committee for Pedro António. *Business Process Execution Support*, Information Systems and Computer Engineering, Technical University of Lisbon, December 2005.
13. Master thesis committee for Simone Correia. *Supporting the Construction and Execution of Interface based Functional Tests*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2005.
12. Master thesis committee for Manuel Costa. *e-Whip: A Study on the Impact of Tools in the Software Development Process*, Informatics, Faculty of Sciences, University of Lisboa, July 2005.
11. Master thesis committee for André Pires. *BeLife: A Collaborative Learning Tool*, Information Systems and Computer Science, Technical University of Lisbon, April 2005.

10. Master thesis committee for Sílvia Cristina da Graça. *Remote Control of Takamak ASDEX Microwave Reflectometry*, Electrical and Computer Engineering, Technical University of Lisbon, September 2004.
9. Master thesis committee for Hugo Bringel. *Data Quality Modeling: a Perspective on a Organizational Engineering Approach*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2003.
8. Master thesis committee for David Aveiro. *Functional Modeling in Organizational Engineering: The case of the IT Function*, Information Systems and Computer Engineering, Technical University of Lisbon, September 2003.
7. Master thesis committee for Ana Isabel Lindo. *Workflow Modeling and Analysis*, Informatics, Faculty of Sciences, University of Lisboa, June 2003.
6. Master thesis committee for Miguel Pinto Luz. *Software Model Driven Software Development*, Information Systems and Computer Engineering, Technical University of Lisbon, May 2003.
5. Master thesis committee for Pedro Libório Sinogas. *Business Process Modeling*, Information Systems and Computer Science, Technical University of Lisbon, May 2002.
4. Master thesis committee for António Caldeira. *System Support for Internet Files Sharing with Relaxed Consistency*, Electrical and Computer Engineering, Technical University of Lisbon, July 2001.
3. Master thesis committee for Nuno Ribeiro. *Reverse Engineering the Portuguese Army Data Model for the Personnel Department*, Statistics and Information Management, Instituto Superior de Estatística e Gestão da Informação of the New University of Lisbon, May 2001.
2. Master thesis committee for Hugo Miranda. *Support Platform for the Development and Composition of Communication Protocols*, Informatics, Faculty of Sciences, University of Lisboa, May 2001.
1. Master thesis committee for Carlos Ramos. *Distributed Platform for the Integration Software Services by Contract*, Computation and Artificial Intelligence, Faculty of Engineering, University of Porto, November 2000.

3 PROFESSIONAL ACTIVITY

3.1 PROFESSIONAL FUNCTIONS

- 2014: Evaluator for the *Austrian Science Fund (FWF)*. (1 proposal).
- 1/2011 to 12/2012: Coordinator of the Master Science Programme in Information Systems and Computer Engineering of Instituto Superior Técnico at Tagus.
- 5/2008 to 3/2009: Enterprise Architecture of the Portuguese National Prosecutor Information System. Together with Aristides Júnior, Artur Caetano, Carla Marques Pereira, José Tribolet and Rui Gil (INOV).

- 6/2008 to 10/2008: Consultant for the Ministry of Health. Strategic Plan for the Health Information Systems. Together with António Cruz Serra (Technical University of Lisbon)
- 11/2006: Assessment of the Curriculum of the Informatics Engineering Degree of the Maule Catholic University, Chile.
- 10/2005: Independent Expert for the evaluation of proposals submitted to the Fifth Call of the IST VI Framework Programme. Strategic Objective 2.3.2.3: Open Development Platforms for Software and Services.
- 1/2004 to 6/2004: Head of the Executive Committee of INESC ID Cooperative Virtual Environments Laboratory.
- 11/2003: Independent Expert for the evaluation of proposals submitted to the Second Call of the IST VI Framework Programme. Strategic Objective 2.3.2.3: Open Development Platforms for Software and Services.
- 2/2003 to 12/2006: Pivot of the Technical University of Lisbon for the Virtual Campus (e-U) project which goal is to provide an electronic support, wireless and web-services, for the Portuguese University Campus.
- 6/2002 to 2/2008: President of the Computers Center of IST, Technical University of Lisbon (CIIST).
- 1/2002 to 12/2003: Member of the Scientific Council Board of INESC-ID Lisboa.
- 10/2001 to 10/2002: External Expert of IST Advisory Group on Software (www.cordis.lu/ist/istag.htm) under the VI Framework Programme for EU RTD.
- 8/2001 to 7/2004: Technical University of Lisbon (Instituto Superior Técnico) responsible for RITOS2 (Ibero-American Cooperation for Software Technologies) project.
- 3/2001 to 5/2002: Vice-President of the Computers Center of IST, Technical University of Lisbon (CIIST).
- 2001 to 2004: Member of the International Association of Science and Technology for Development - IASTED (www.iasted.org) Technical Committee on Software Engineering.
- 5/2000 to 5/2001: Consultant for ATX on Business Architectures, Requirements Engineering and Software Architectures for the banking domain.
- 1/1998 to 12/1999: External Expert of FCAR (Fonds pour la Formation de Chercheurs et l'Aide à la Recherche) du Québec.
- 1/1996 to 5/1996: Consultant for the LISNAVE shipyard on the adoption and training on an object-oriented method for the SGO project
- 9/1991 to 7/1992: Programmer for Espirito Santo Data Informatica (ESDI), Lisbon
- 9/1986 to 7/1987: Programmer for Portugal Telecom, Lisbon

3.2 CONFERENCE AND WORKSHOP ORGANIZATION

8. Organizing Co-Chair of the *8th International Conference on the Quality of Information and Communications Technology*. 3-6 September 2012, Lisbon, Portugal. Together with Alberto Silva (Technical University of Lisbon). 117 participants. <http://2012.quatic.org/>
7. Co-organizer of the *First International Workshop on Organizational Design and Engineering*. December 2009, Lisboa, Portugal. Together with Rodrigo Magalhães (Technical University of Lisbon).
6. Chair of Panel on Organizational Design and Engineering at CreativeSME 2009. June 2009. Guimarães, Portugal. Panelists: João Álvaro Carvalho (University of Minho, School of Engineering), Horatiu Dragomirescu (Bucharest University of Economics), António Rito Silva (Technical University of Lisbon), António Lucas Soares (Faculty of Engineering, University of Porto).
5. Organizing Committee (Tutorial Chair) of the *13th Conference on Software Engineering and Databases*. October 2008, Gijón, Spain.
4. Co-organizer of the *ECOOP '99 Multi-User Object-Oriented Environments Workshop*. June 1999, Lisboa, Portugal. Together with Ivan Tomek (Acadia University - Canada), Alicia Diaz (Lifia/ UNLP - Argentina) and Ronald Melster (GMD FIRST - Germany). Workshop report published as *Multi-User Object-Oriented Environments Workshop*. In *ECOOP '99 Workshop Readears*, Lisbon Portugal. June 1999. Springer-Verlag LNCS 1743. pp. 80-96.
3. Organizing Committee (Demonstration Chair) of the *13th European Conference on Object-Oriented Programming*. June 1999, Lisboa, Portugal. Together with Vasco Vasconcelos, Ana Moreira, Rui Carlos Oliveira, Luis Caires, Carlos Baquero Moreno and Mário Silva.
2. Co-organizer of the *OOPSLA'96 Workshop on Methodologies for Distributed Objects*. October 1996, San Jose, California. Together with Arne-Jorgen Berre (SINTEF - Norway), Desmond D'Souza (Icon Computing - USA) and Sean O'Sullivan (IONA - Ireland).
1. Co-organizer of the *7th ERCIM DBRG Workshop on Object Oriented Databases*. May 1995, Lisboa, Portugal. Together with Helena Galhardas (INESC) and Pedro Sousa (INESC).

3.3 SOFTWARE PROJECTS

- Since 1/2013: A Collaborative Archive for Fernando Pessoa's Book of Disquiet (<http://www.uc.pt/fluc/clp/inv/proj/ldod>). Software Architect and Principal Developer (<https://bitbucket.org/softmirrors/edition/>).
- 3/2001 to 2/2008: Leader of FenixEDU project (<http://fenixedu.org/>) and responsible for its deployment at Instituto Superior Técnico.
- 3/2001 to 3/2005: Design and Implementation of a framework, FenixEdu, to support the development of web applications for the academic domain.
Programming language: JAVA
Environment: Struts and OJB

- 10/1995 to 8/1998: Design and Implementation of a framework to support the development of distributed and concurrent applications
Programming language: C++
Environment: Adaptive Communication Environment (ACE)
- 6/1995: Definition of the object-oriented design of a client-server application for the Tourism domain. Implementation of a prototype.
Programming language: C++
Environment: VISUAL C++ and ODBC
- 10/1992 to 3/1993: Design and Implementation of a Tool supporting the construction of diagrammatic models in a distributed environment.
Programming language: C++
Environment: ET++ framework and IK platform. IK platform supports transparent access to remote objects.
- 9/1991 to 7/1992: Participate in the development of a CASE tool for the Object-Oriented Method OBLOG
Programming language: C
Company: Espirito Santo Data Informatica (ESDI), Lisbon
- 9/1986 to 7/1987: Participate in the development of the Information System for the Local Communications Net (SIREL)
Programming language: Pascal and RDB Database
Company: Portugal Telecom, Lisbon

4 RESEARCH ACTIVITY

4.1 RESEARCH FUNCTIONS

- 9/1995 to date: Researcher at the Software Engineering Group.
Instituto de Engenharia de Sistemas e Computadores (INESC)
- 3/2008 to 5/2009: Director of the Center for Organizational Design and Engineering (CODE).
INESC Inovação (INOV)
- 9/1999 to 3/2008: Project Leader of the Software Engineering Group.
Instituto de Engenharia de Sistemas e Computadores (INESC)
- 9/1995: Researcher at the Software Engineering Group.
Instituto de Engenharia de Sistemas e Computadores (INESC)
- 9/1992 to 7/1995: Researcher at the Distributed Systems Group.
Instituto de Engenharia de Sistemas e Computadores (INESC)
- 9/1987 to 7/1992: Researcher at the Computer Science Group.
Instituto de Engenharia de Sistemas e Computadores (INESC)

4.2 RESEARCH PROJECTS

9. 1/2012 to 12/2014: Researcher of project No Problem Has a Solution: A Digital Archive of the Book of Disquiet, funded by Portuguese Foundation for Science and Technology under contract PTDC/CLE-LLI/118713/2010.
Partners: Faculty of Humanities (University of Coimbra) and INESC-ID.
8. 2/2010 to 6/2013: Researcher of project UNPRESCRIBED (Management impacts of the relationship between prescribed and unprescribed information systems) funded by Portuguese Foundation for Science and Technology under contract PTDC/EGE-GES/108139/2008.
Partners: Faculty of Economy (New University of Lisbon), ISCTE (Lisbon University Institute) and INESC-ID.
7. 6/2002 to 10/2004: INESC's responsible for the IST V Framework ACE-GIS (Adaptable and Composable E-commerce and Geographic Information Services) IST-2001-37724.
Partners: NORWEGIAN MAP AUTHORITY(Norway), IONIC SOFTWARE(Belgium), E-BLANA(Ireland), INESC ID(Portugal), UNIVERSITY OF JAUME I(Spain), UNIVERSITY OF MUNSTER(Germany), SINTEF(Norway).
6. 12/2000 to 2/2003: INESC's responsible for the IST V Framework project COMBINE (COMponent-Based INteroperable Enterprise system development) project IST-1999-20893.
Partners: GECO SCHLUMBERGER(Norway), GENESIS(Italy), INESC(Portugal), OPEN GROUP(England), OPEN-IT(England), SINTEF(Norway), SOFTEAM(France).
5. 9/2000 to 8/2003: Researcher of project MODIFY (Modeling Organization Dynamics using a Combined Business and System Framework) funded by Portuguese Foundation for Science and Technology under contract 34565/99.
Partners: INESC-ID.
4. 7/2000 to 6/2003: Lead Researcher of project MOOSCo (Multi-User Object-Oriented Environments with Separation of Concerns) funded by Portuguese Foundation for Science and Technology under contract POSI/331277/CHS/2000.
Partners: LASIGE (Faculty of Sciences of the University of Lisbon) and INESC-ID.
3. 7/1996 to 6/1999: Responsible for the Enterprise and Engineering Tasks of the ESPRIT DISGIS (Distributed Geographical Information Systems: Models, Frameworks and Tools) project Nr. 22.084.
Partners: DIKAS(Norway), GISDK(Denmark), INESC(Portugal), IONA(Ireland), NMA(Norway), SINTEF(Norway), TASKON(Norway).
2. 3/1993 to 10/1995: Responsible for the IMD (Intelligent Message Dispatcher) Task of the ESPRIT FAST (Financial Assistant for Servicing and Training) project Nr. 6691.
Partners: BBV(Spain), Bull(France), Cap Gemini(France), Cariplo-Caridata(Italy), Etnoteam(Italy), INESC(Portugal), Nomos Sistema(Italy), Olivetti Group(Italy), Sema Group(Spain)
1. 3/1988 to 3/1990: Researcher of the Object Management Task of the ESTÍMULO Project (Multimedia Integrated Workstation), sponsored by the national Board for Research (JNICT).

4.3 RESEARCH SUPERVISION

4.3.1 PhD SUPERVISION

5. PhD Thesis of Mário Guimarães, *Real-Time Integration - Improving Collaboration in Software Development*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2013.
4. PhD Thesis of David Aveiro, *G.O.D. (Generation, Operationalization & Discontinuation) and Control (sub)organizations: a DEMO-based approach for continuous real-time management of organizational change caused by exceptions*, Information Systems and Computer Engineering, Technical University of Lisbon, June 2010. Co-adviser.
3. PhD Thesis of Artur Caetano, *Business Process Modelling with Objects and Roles*, Information Systems and Computer Engineering, Technical University of Lisbon, May 2008. Co-adviser.
2. PhD Thesis of João Cachopo, *Development of Rich Domain Models with Atomic Actions*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2007.
1. PhD Thesis of Dulce Domingos, *Access Control in Adaptive Workflow Management Systems*, Informatic, University of Lisbon, June 2005. Co-adviser.

4.3.2 MSc SUPERVISION

25. Master Thesis (Bologna) of Sérgio Silva, *Dynamic Chain Value: A Communities-based Case*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2013.
24. Master Thesis (Bologna) of Davide Passinhas, *Blended Workflow: A Modular Architecture to Use an External Workflow Management System*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2012.
23. Master Thesis (Bologna) of Bernardo Pinto, *An Architecture for a Blended Workflow System*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2011.
22. Master Thesis (Bologna) of Marco Pinheiro, *Wikis for Unprescribed Information Systems*, Information Systems and Computer Engineering, Technical University of Lisbon, June 2011.
21. Master Thesis (Bologna) of Paul Maia, *Information Systems' Requirements as a Guide for Organizational Steering*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010.
20. Master Thesis (Bologna) of Rui Silva, *Prescribed and Non-prescribed Information Systems: Convergence and Divergence*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2010.
19. Master Thesis (Bologna) of Rui Henriques, *Object-centered Process Modeling*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2010.

18. Master Thesis (Bologna) of David Martinho, *ProcessPedia - An Organizational Blackboard for Business Processes*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2009.
17. Master Thesis (Bologna) of Filipe Ferreira, *Access Control Architecture: An Integrated Perspective*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2009.
16. Master Thesis (Bologna) of João Sobral Gonçalves, *Integrating Organizational Design and Architecture: A Case Study*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2009.
15. Master Thesis (Bologna) of Hugo Rocha, *O alinhamento do negócio com a tecnologia: O estudo de um caso real*, Information Systems and Computer Engineering, Technical University of Lisbon, October 2009.
14. Master Thesis (Bologna) of João Sitefane, *Domain Centered Design: The Faculty Allocation Case*, Technical University of Lisbon, September 2007.
13. MSc Thesis of Vitorino Gouveia, *Applying the Software Product Line Approach in the Context of a SME*, Information Systems and Computer Science, University of Madeira, September 2007.
12. MSc Thesis of Ricardo Martinho, *Workflow Authentication Requirements*, Information Systems and Computer Science, Technical University of Lisbon, December 2006. Co-adviser.
11. MSc Thesis of Jorge Martins, *Monitoring Support in WorkSCo*, Information Systems and Computer Engineering, Technical University of Lisbon, July 2006.
10. MSc Thesis of Sérgio Fernandes, *A Workflow Virtual Machine*, Information Systems and Computer Engineering, Technical University of Lisbon, March 2006.
9. MSc Thesis of Ricardo Costa, *Extreme Programming Support in Distributed Geographically Environments*, Information Systems and Computer Engineering, Technical University of Lisbon, August 2005.
8. MSc Thesis of Pedro Vieira, *Adaptive Workflow Management in WorkSCo*, Information Systems and Computer Engineering, Technical University of Lisbon, March 2005.
7. MSc Thesis of Elsa Cardoso, *A Decision Support System for IST Academic Information*, Information Systems and Computer Engineering, Technical University of Lisbon, November 2003.
6. MSc Thesis of Paulo Dias, *Workflow Evolution*, Information Systems and Computer Engineering, Technical University of Lisbon, April 2003.
5. MSc Thesis of Miguel Antunes, *Multi-User Virtual Environments: A Separation and Composition of Concerns Approach*, Electrical and Computer Engineering, Technical University of Lisbon, December 2000.
4. MSc Thesis of Francisco Rosa, *Component Based Distributed Applications Configuration*, Technical University of Lisbon, January 1998.

3. MSc Thesis of Teresa Gonçalves, *Object Replication Design and Framework*, Technical University of Lisbon, January 1998.
2. MSc Thesis of João Cruz, *Incremental Simulation of Concurrent Applications*, Technical University of Lisbon, October 1997.
1. MSc Thesis of João Carlos Pereira, *Enrichment with Concurrency Control of Object-Oriented Specifications*, Technical University of Lisbon, September 1994.

4.4 EDITOR

1. 2010 to 2015: Associate Editor of the International Journal of Organisational Design and Engineering (IJODE). Inderscience.

4.5 PROGRAM CHAIR

1. Program Co-chair of *9th International Conference on the Quality of Information and Communications Technology (QUATIC2014)*. 23-26 September, 2014, Guimarães, Portugal. Together with Alberto Silva (University of Lisbon). <http://2014.quatic.org/>

4.6 PROGRAM COMMITTEES

74. *Demo Track in 12th International Conference on Business Process Management*. Haifa, Israel. September 2014.
73. *Science and Software Engineering Track of INFORUM 2014*. Porto, Portugal. September 2014.
72. *XIX Jornadas de Ingenieria del Software y Bases de Datos*. Cádiz, Spain. September 2014.
71. *22nd European Conference on Information Systems*. Associate Editor. Tel Aviv, Israel. June 2014.
70. *17th International Conference on Business Information Systems (BIS 2014)*. Golden Bay Beach Hotel, Larnaca, Cyprus. May 2014.
69. *The XVII Iberoamerican Conference on Software Engineering (CIBSE 2014)*. Pucón, Chile. April 2014.
68. *29th Annual ACM Symposium on Applied Computing, 11th Enterprise Engineering Track*. Gyeongju, Korea, March 2014.
67. *Conferência Ibero Americana em Computação Aplicada 2013*. Porto Alegre, Brazil. November 2013.
66. *Science and Software Engineering Track of INFORUM 2013*. Évora, Portugal. September 2013.
65. *XVIII Jornadas de Ingenieria del Software y Bases de Datos*. Madrid, Spain. September 2013.

64. *Demos Track of the 11th International Conference on Business Process Management*. Beijing, China. August 2013.
63. *21st European Conference on Information Systems*. Associate Editor. Utrecht, The Netherlands. June 2013.
62. *28th Annual ACM Symposium on Applied Computing, 10th Enterprise Engineering Track*. Coimbra, Portugal, March 2013.
61. *Demos Track of the 10th International Conference on Business Process Management*. Tallinn, Estonia. September 2012.
60. *8th International Conference on the Quality of Information and Communications Technology*. Lisbon, Portugal. September 2012.
59. *Internet of Things and Services Track of INFORUM 2012*. Lisbon, Portugal. September 2012.
58. *XVII Jornadas de Ingenieria del Software y Bases de Datos*. Almería, Spain. September 2012.
57. *1st International Workshop on Knowledge-intensive Business Processes*. Rome, Italy. June 2012.
56. *27th Annual ACM Symposium on Applied Computing, 9th Enterprise Engineering Track*. Riva del Garda (Trento), Italy, March 2012.
55. *Demos Track of the 9th International Conference on Business Process Management*. Clermont-Ferrand, France. September 2011.
54. *XVI Jornadas de Ingenieria del Software y Bases de Datos*. A Coruna, Spain. September 2011.
53. *Internet of Things and Services Track of INFORUM 2011*. Coimbra, Portugal. September 2011.
52. *Software Engineering Track of INFORUM 2011*. Coimbra, Portugal. September 2011.
51. *26th Annual ACM Symposium on Applied Computing, 8th Enterprise Engineering Track*. Tai Chung, Taiwan, March 2011.
50. *17th Conference on Pattern Languages of Programs*. Reno, Nevada, USA. October 2010.
49. *Demos Track of the 8th International Conference on Business Process Management*. Hoboken, New Jersey, USA. September 2010.
48. *Internet of Things and Services Track of INFORUM 2010*. Braga, Portugal. September 2010.
47. *XV Jornadas de Ingenieria del Software y Bases de Datos*. Valencia, Spain. September 2010.
46. *Editorial Board of a Special Issue based on best papers of ASSE 2009* Electronic Journal SADIO (EJS). 2010.

45. *25th Annual ACM Symposium on Applied Computing, 7th Organizational Engineering Track.* Crans-Montana, Sierre, Switzerland. March 2010.
44. *First Organizational Engineering Workshop of the Track Organizational Systems and Technology of the 2010 Hawaii International Conference on System Sciences.* Kauai, Hawaii, USA. January 2010.
43. *Third Software Engineering PhD Students Symposium* in coordination with the The Fourth International Conference on Software Engineering Advances. Porto, Portugal. September 2009.
42. *XIV Jornadas de Ingenieria del Software y Bases de Datos.* San Sebastián, Spain. September 2009.
41. *16th Conference on Pattern Languages of Programs.* Chicago, Illinois, USA. August 2009.
40. *10th Argentinean Symposium on Software Engineering.* Mar del Plata, Argentina. August 2009.
39. *24rd Annual ACM Symposium on Applied Computing, 6th Organizational Engineering Track.* Honolulu, Hawaii, EUA. March 2009.
38. *15th Conference on Pattern Languages of Programs.* Nashville, Tennessee, USA. October 2008.
37. *23rd Annual ACM Symposium on Applied Computing, 5th Organizational Engineering Track.* Vila Galé in Fortaleza, Ceará, Brazil. March 2008.
36. *14th Conference on Pattern Languages of Programs.* Monticello, Illinois, USA. September 2007.
35. *First International Workshop on Enterprise Information Systems Engineering.* Regensburg, Germany. September 2007.
34. *XII Jornadas de Ingenieria del Software y Bases de Datos.* Zaragoza, Spain. September 2007.
33. *Second Software Engineering PhD Students Symposium* in coordination with the 6th International Conference on the Quality of Information and Communications Technology. Lisbon, Portugal. September 2007.
32. *Eight Argentinean Symposium on Software Engineering.* Mar del Plata, Argentina. August 2007.
31. *IASTED International Conference on Software Engineering (SE 2007).* Innsbruck, Austria. February 13-15, 2007.
30. *XII Congreso Argentino de Ciencias de la Computación.* San Luis, Argentine. October 2006.
29. *XI Jornadas de Ingenieria del Software y Bases de Datos.* Sitges, Spain. October 2006.
28. *Eighth International Conference on Enterprise Information Systems.* Paphos - Cyprus. May 23-27, 2006.

27. *IASTED International Conference on Software Engineering (SE 2006)*. Innsbruck, Austria. February 14-16, 2006.
26. *X Jornadas de Ingenieria del Software y Bases de Datos*. Granada, Spain. September 2005.
25. *Data Gadgets 2005 Workshop - Bringing Up Emerging Solutions for Data Warehousing Systems*. Granada, Spain. September 2005.
24. *Seventh International Conference on Enterprise Information Systems*. Miami, USA. May 24-28, 2005.
23. *IASTED International Conference on Software Engineering (SE 2005)*. Innsbruck, Austria. February 15-17, 2005.
22. *IX Jornadas de Ingenieria del Software y Bases de Datos*. Malaga, Spain. November 2004.
21. *Data Gadgets 2004 Workshop - Bringing Up Emerging Solutions for Data Warehousing Systems*. Malaga, Spain. November 2004.
20. *IASTED International Conference on Software Engineering and Applications 2004 (SEA2004)*. MIT Cambridge, MA, USA. November 8-11, 2004.
19. *Sixth International Conference on Enterprise Information Systems*. Porto, Portugal. April 14-17, 2004.
18. *IASTED International Conference on Applied Computing 2004*. Lisbon, Portugal. March 23-26, 2004.
17. *4rd International Workshop on Distributed Auto-adaptive and Reconfigurable Systems*. Tokyo, Japan, March 23-26, 2004.
16. *IASTED International Conference on Software Engineering (SE 2004)*. Innsbruck, Austria. February 17-19, 2004.
15. *VIII Jornadas de Ingenieria del Software y Bases de Datos*. Alicante, Spain. November 12-14, 2003.
14. *3rd International Workshop on Distributed Auto-adaptive and Reconfigurable Systems*. Providence, Rhode Island, USA. May 19-22, 2003.
13. *IV Congreso Nacional de Computacion CORE-2003*. Mexico City, Mexico. May 6-7, 2003.
12. *Sixth Workshop Iberoamericano de Ingeniería De REquisitos y Ambientes Software IDEAS'2003*. Asunción, Paraguay. April 30, 2003 to May 2, 2003.
11. *Fifth International Conference on Enterprise Information Systems*. Angers, France. April 23-26, 2003.
10. *Jornadas da Licenciatura em Engenharia de Sistemas e Informática da Universidade do Minho*. Braga, Portugal. April 29-30, 2002.
9. *2nd International Workshop on Aspect Oriented Programming for Distributed Computing Systems*. Vienna, Austria. July 2-5, 2002.

8. *Fourth International Conference on Enterprise Information Systems*. Ciudad Real, Spain. April, 2002.
7. *VI Jornadas de Engenharia de Software e Bases de Dados*. Almagro, Ciudad Real, Spain. November 21-23, 2001.
6. *Second Argentine Symposium on Software Engineering*. Buenos Aires. September 10-11, 2001.
5. *Third International Conference on Enterprise Information Systems, ICEIS2001*. Setúbal, Portugal. July, 2001.
4. *International Workshop on Distributed Dynamic Multiservice Architectures*. Phoenix, Arizona, USA. April 16-19, 2001.
3. *V Jornadas de Engenharia de Software e Bases de Dados*. Valladolid, Espanha. November 8-10, 2000.
2. *Sixth International Workshop on Groupware, CRIWG2000*. Madeira, Portugal. October 18-20, 2000.
1. *II Argentine Symposium on Object Orientation*. Buenos Aires, August 31, September 1, 1998.

4.7 REVIEWER

32. Reviewer for the *Business Process Management Journal*. (1 paper) 2014.
31. Reviewer of the *28th Annual ACM Symposium on Applied Computing, Requirements Engineering Track*. Coimbra, Portugal, March 2013.
30. Reviewer for the *Business Process Management Journal*. (1 paper) 2012.
29. Reviewer of the *Software Engineering in Argentina: present and future trends. Extended version of selected papers ASSE 2009*. Electronic Journal SADIO, volume 9, issue 1.
28. *IASTED International Conference on Software Engineering and Applications 2005 (SEA2005)*. Phoenix, AZ, USA. November 14-16, 2005.
27. Reviewer of the *II Workshop de Ingeniería de Software y Bases de Datos (WISBD 2005)*. October 17-21, 2005. Concordia, Entre Ríos, Argentina.
26. Reviewer of the *The 4th IASTED International Conference on Modelling, Simulation and Optimization (MSO 2004)*. August 17-19, 2004. Kauai, Hawaii, USA.
25. Reviewer of the *18th European Conference on Object-Oriented Programming*. June 14 - 18, 2004. Oslo, Norway.
24. Reviewer of the *19th Annual ACM Symposium on Applied Computing*. March 14 - 17, 2004. Nicosia, Cyprus.
23. Reviewer of the *7th IASTED International Conference on Software Engineering and Applications (SEA 2003)*. November 3-5, 2003. Marina del Rey, CA, USA.

22. Reviewer of the *IASTED International Conference on Computer Science and Technology (CST'2003)*. May 19-21, 2003. Cancun, Mexico.
21. Reviewer of the *Applied Informatics (AI'2003)*. February 10-13, 2003. Innsbruck, Austria.
20. Reviewer of the *6th IASTED International Conference on Software Engineering and Applications (SEA 2002)*. November 4-6, 2002. MIT, Cambridge, USA.
19. Shepherd of the *Ninth Conference on Pattern Languages of Programs*. September 2002.
18. Shepherd of the *Seventh European Conference on Pattern Languages of Programs*. July 2002.
17. Reviewer of the *Applied Informatics Conference, AI'2002*. February 18-21, 2002. Innsbruck, Austria.
16. Shepherd of the *Seventh Conference on Pattern Languages of Programs*. August 2000.
15. Reviewer of *Journal of Network and Computer Applications Theme Issue on Text-Based Virtual Environments*. Academic Press. 2000.
14. Shepherd of the *Sixth Conference on Pattern Languages of Programs*. August 1999.
13. Shepherd of the *Fourth European Conference on Pattern Languages of Programs*. July 1999.
12. Reviewer of the Addison-Wesley's book *Pattern Languages of Program Design 4*. 1999.
11. Reviewer of the *Minitrack on Distributed Cooperative Work Environments of the Thirty-Second Hawaiian International Conference on Systems Sciences (HICSS-32)*. January 1999.
10. Shepherd of the *Fifth Conference on Pattern Languages of Programs*. August 1998.
9. Shepherd of the *Third European Conference on Pattern Languages of Programs*. July 1998.
8. Reviewer of two-volume Wiley's book on *Object-Oriented Application Frameworks*. 1998.
7. Reviewer of *Communications of the ACM Theme Issue on Object-Oriented Application Frameworks*. October 1997.
6. Shepherd of the *Fourth Conference on Pattern Languages of Programs*. September 1997.
5. Reviewer of the *Third International Euro-Conference on Parallel Processing, EuroPar'97*. August 1997.
4. Shepherd of the *Second European Conference on Pattern Languages of Programs*. July 1997.
3. Reviewer of the *17th International Conference on Distributed Computing Systems, ICDCS-17*. May 1997.
2. Reviewer of *Communications of the ACM Theme Issue on Patterns and Pattern Languages*. October 1996.
1. Reviewer of *IEEE Computer Theme Issue on Managing Object-Oriented Software Development*. September 1996.

4.8 TUTORIALS

2. **António Rito Silva**. *Object-Oriented Patterns: From Principles to Reality*. October 1996. Object-Oriented Portugal 1996.
1. Amândio Vaz Velho and **António Rito Silva**. *Comparison of Object-Oriented Analysis and Design Methods*. September 1994. Object-Oriented Portugal 1994.

4.9 INVITED TALKS

20. *Processpedia*. INESC-ID DMIR Group Seminair. December 22, 2010.
19. *Integrating Organisational Design with IT Design*. In *Business Technology World Conference: Software Development in Portugal*, Lisbon, Portugal. October 19, 2010.
18. *AGILIPO (AGILe busIness PrOcess Management)* . In *BPM Seminar Series: Business Process Management Research Group*, Queensland University of Technology, Brisbane, Australia. September 24, 2009.
17. *AGILIPO (AGILe busIness PrOcess Management)* . In *RUM Session: SAP Research*, Brisbane, Australia. August 28, 2009.
16. *Organizational Design and Engineering*. In *Business Technology World Conference: The impact of business technologies in enterprise organizations*, Lisbon, Portugal. March 19, 2009.
15. *Fénix: An Open-Source Approach for University Software Development*. In *Informania 2005*, Faculty of Sciences, University of Lisbon, Portugal. April 14, 2005.
14. *The Fénix Case*. Seminário para Administradores de Universidades Iberoamericanas, Madrid, Spain. February 3-5, 2005.
13. *A Novel Software Development Strategy for Universities*. In *Pro-Ingénieur - Altran*, Lisbon, Portugal. October 7, 2004.
12. *Software Architecture a Short Course*. In *Universidad de Castilla-La Mancha*, Ciudad Real, Spain. July 19-22, 2004.
11. *A Novel Software Development Strategy for Universities*. In *Java On Demand 2004*, Lisbon. April 20, 2004.
10. *A Novel Software Development Strategy for Universities*. In *4ª Reunión Anual de la Red Iberoamericana de Tecnologías de del Software para la década del 2000 RITOS2*, Buenos Aires, Argentina. April 1-2, 2004.
9. *Fénix Project: An Open-Source Approach to Teach and Research in Software Engineering*. In *XI Week of Computers*, Technical University of Lisbon, March 8-12, 2004.
8. *A Software Architecture for WEB Applications: A Student Management System Example*. In *Jornadas Chilenas de Computación*, Universidad del Bío-Bío, Chillán, Chile, November 3-8, 2003.

7. *A Software Architecture for WEB Applications: A Student Management System Example*. In *IX Jornadas Iberoamericanas de Informática*, Cartagena de las Indias, Colombia, August 11-15, 2003.
6. *A Software Architecture for WEB Applications: A Student Management System Example*. In *e-GALLAECIA*, Santiago de Compostela, Spain, June 2-4, 2003.
5. *Composition of Non-Functional Concerns*. In *Workshop on Architectural Aspects in Specification and Design*, Faculty of Sciences, University of Lisbon, December 16-17, 1999.
4. *Components: Past? Present? Future?.* In *VI Week of Computers*, Technical University of Lisbon, March 15-19, 1999.
3. *Program Construction Based on Separation and Composition of Concerns: Design Patterns, Pattern Languages and Frameworks*. In *II Argentine Symposium on Object Orientation*. Buenos Aires August 31, 1998.
2. *Separation and Composition of Distributed Concerns*. UBILAB, Zurich, March 11, 1997.
1. *Object-Oriented Design Patterns: Pieces for Software Construction*. In *III Week of Computers*, Technical University of Lisbon, May 6-10, 1996.

4.10 ROUND TABLE

2. *Doing Design Research*, DESRIST 2012 Panel. Moderator: Sandeep Puroo, Penn State University. Panelists: William Kuechler, University of Nevada, Reno; **Antonio Rito Silva**, Technical University of Technology; Atish Sinha, University of Wisconsin -Milwaukee ; Samir Chatterjee, Claremont Graduate University. May 14, 2012. Las Vegas, USA.
1. *Informatics Engineering Past, Present and Future: Academic and Business Perspectives*, with Pedro Guerreiro from Universidade Nova de Lisboa, Salvador Abreu from Universidade de Évora, Gonçalo Quadros from Critical Software and Vítor Santos from Microsoft. Students of Informatics National Meeting. April 25, 2005. Coimbra, Portugal.

4.11 VISITING

2. *Sabbatical Leave*, August 2009 to July 2010. Visiting Fellow at the Business Process Management Group of the Queensland University of Technology in Brisbane Australia and Invited Researcher at SAP Research in Brisbane, Australia.
1. *SINTEF*, March 3-7, 1997, Norway. Under the specialists programme 1997 of the Research Council of Norway and the Portuguese Foundation for Research, Science and Technology (JNICT).

4.12 BOOK CHAPTERS

3. **António Rito Silva**, João Pereira and José Alves Marques. *Object Synchronizer*. In *Pattern Languages of Program Design 4*, edited by Neil Harrison, Brian Foote and Hans Rohnert, Addison-Wesley, 1999. pp. 111-131.

2. **António Rito Silva**. *Development and Extension of a Three-Layered Framework*. In *Handbook of Object Technology*, edited by Saba Zamir, CRC Press, December 1998. Chapter 27.
1. **António Rito Silva**, João Pereira and José Alves Marques. *Object Recovery*. In *Pattern Languages of Program Design 3*, edited by Robert Martin, Dirk Riehle and Frank Buschman, Addison-Wesley, 1997. pp. 261-276.

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11. Manuel Portela and **António Rito Silva**. *Encoding, Visualizing and Generating Variation in LdoD*, In *Variants*, Volume 12 (2015), ISSN 1573-3084. (to appear)
10. **António Rito Silva** and Manuel Portela. *TEI4LdoD: Textual Encoding and Social Editing in Web 2.0 Environments*, In *Journal of the Text Encoding Initiative*, Issue 8 (December 2014), ISSN: 2162-5603. DOI: 10.4000/jtei.1171 (to appear).
9. Manuel Portela and **António Rito Silva**. *A Model for a Virtual LdoD*, In *Literary and Linguistic Computing (LLC)*, Oxford University Press. First published online: 5 March 2014. DOI:10.1093/lc/fqu004. Latter published in *Digital Scholarship in the Humanities* (new name for LLC), Oxford University Press. First published online: 2 December 2014.
8. Artur Caetano, **António Rito Silva** and José Tribolet. *Applying the principle of separation of concerns to business process design*. In *International Journal of Organisational Design and Engineering*. Special Issue: Enterprise Engineering. Inderscience. Vol. 2, No. 3, pp.250-270, 2012. DOI: 10.1504/IJODE.2012.049695
7. **António Rito Silva** and Michael Rosemann. *Processpedia – An Ecological Environment for BPM Stakeholders’ Collaboration*. In *Business Process Management Journal*. Emerald. Vol. 18, Issue 1, February 2012. pp.20-42. DOI: 10.1108/14637151211214993
6. Giorgio Bruno, Frank Dengler, Ben Jennings, Rania Khalaf, Selmin Nurcan, Michael Prilla, Marcello Sarini, Rainer Schmidt and **António Rito Silva**. *Key challenges for enabling agile BPM with social software*. In *Journal of Software Maintenance and Evolution: Research and Practice. Special Issue on Business Process Management*. Wiley. Vol. 23, Issue 4, June 2011. pp. 297–326. DOI: 10.1002/smr.523.
5. David Aveiro, **António Rito Silva** and José Tribolet. *GOD-theory for organizational engineering: continuously modeling the continuous (re)Generation, Operation and Deletion of the enterprise*. In *International Journal of Internet and Enterprise Management, Special Issue on Enterprise Systems Modeling and Simulation*. Vol. 7, No 1, January 2011. pp. 64-83. DOI: 10.1504/IJIEM.2011.038383
4. Artur Caetano, **António Rito Silva** and José Tribolet. *Business Process Decomposition: An approach based on the principle of separation of concerns*. In *Enterprise Modelling and Information Systems Architectures Journal*. Vol. 5, No1, July 2010. pp. 44-57.
3. João Cachopo and **António Rito-Silva**. *Versioned Boxes as the Basis for Memory Transactions*. *Science of Computer Programming, Elsevier*. Vol. 16, No 2, December 2006. pp. 172-185. DOI: 10.1016/j.scico.2006.05.009

2. Elsa Cardoso, Helena Galhardas, Maria José Trigueiros and **António Rito Silva**. *A Decision Support System for IST Academic Information*. In *Informatica - International Journal of Computing and Informatics, Special Issue on Information and Communication Technology at European Universities*, edited by Viljan Mahnic and Kristel Sarlin. Vol. 27, No. 3, October 2003.
1. **António Rito Silva**, Francisco Rosa and Teresa Gonçalves. *Framework Description Using Concern-Specific Design Patterns Composition*. In *Special Electronic Issue on Application Frameworks, ACM Computing Surveys Symposia*, edited by Mohamed Fayad and Peter Wegner. Vol. 32, No. 1, March 2000.

4.14 CONFERENCE AND WORKSHOP PUBLICATIONS

62. **António Rito Silva** and Vicente García-Díaz. *Integrating activity- and goal-based workflows: a data model based design method*. In *4th Workshop on Data- & Artifact-centric BPM (DAB'15)*. August 2015, 13th Conference on Business Process Management, Innsbruck, Austria. LNBIP (to appear)
61. **António Rito Silva** and Manuel Portela. *TEI4LdoD: Textual Encoding and Social Editing in Web 2.0 Environments*. In *TEI Conference 2013*. October 2013, Rome, Italy. F. Ciotti, A. Ciula (Eds.): TEI 2013 Book of Abstracts, Digilab, pp. 119-126. ISBN 978-88-6507-542-5.
60. **António Rito Silva** and Manuel Portela. *Social Edition 4 The Book of Disquiet: The Disquiet of Experts with Common Users*. In *13th European Conference on Computer-Supported Cooperative Work (ECSCW2013)*. September 2013, Paphos, Cyprus. M. Korn, T. Colombino, M. Lewkowicz (Eds.): ECSCW 2013 Adjunct Proceedings, DAIMI PB - 596, September 2013, pp. 45-50. ISSN 0105-8517. (in work in progress)
59. David Martinho and **António Rito Silva**. *An experiment on the capture of business processes from knowledge workers*. In *The 6th Workshop on Business Process Management and Social Software (BPMS2'13)*. August 2013, Beijing, China. N. Lohmann, M. Song, P. Wohed (Eds.): BPM 2013 Workshops, LNBIP 171, pp. 113-124, 2013. Springer. DOI: 10.1007/978-3-319-06257-0_10
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57. Davide Passinhas, Michael Adams, Bernardo Oliveira Pinto, Ricardo Costa, **António Rito Silva** and Arthur H.M. ter Hofstede. *Blended Workflow Engine*. In *Proceedings of the Demonstration Track of the 10th International Conference on Business Process Management (BPM 2012)*. September 2012, Tallinn, Estonia. N. Lohmann, S. Moser (Eds): BPM Demos 2012, Vol. 940, pp. 23-28, 2012. CEUR Workshop Proceedings. urn:nbn:de:0074-940-9
56. David Martinho and **António Rito Silva**. *A Recommendation Algorithm to Capture End-users' Tacit Knowledge*. In *10th International Conference on Business Process Management (BPM2012)*. September 2012, Tallinn, Estonia. A. Barros, A. Gal, E. Kindler (Eds.): BPM

- 2012, LNCS 7481, 2012 pp. 216-222, 2012. Springer. DOI: 10.1007/978-3-642-32885-5_17 (short paper)
55. Mário Luís Guimarães and **António Rito Silva**. *Improving Early Detection of Software Merge Conflicts*. In *34th International Conference on Software Engineering (ICSE2012)*. June 2012, Zurich, Switzerland. M. Glinz, G. Murphy, and M. Pezzè (Eds.): ICSE2012, pp. 342-352, 2012. IEEE. DOI: 10.1109/ICSE.2012.6227180
 54. **António Rito Silva** and Michael Rosemann. *Integrating Organisational Design with IT Design: The Queensland Health Payroll Case*. In *7th International Conference on Design Science Research in Information Systems and Technology (DESRIST 2012)*. May 2012, Las Vegas, USA. K. Peffers, M. Rothenberger, and B. Kuechler (Eds.): DESRIST 2012, LNCS 7286, pp. 271-286, 2012. Springer. DOI: 10.1007/978-3-642-29863-9_20
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 52. David Martinho and **António Rito Silva**. *Non-intrusive Capture of Business Processes Using Social Software - Capturing the End Users' Tacit Knowledge*. In *The 4th Workshop on Business Process Management and Social Software (BPMS2'11)*. August 2011, Clermont-Ferrand, France. F. Daniel et al. (Eds.): BPM 2011 Workshops, Part I, LNBIP 99, pp. 207-218, 2012. Springer. DOI: 10.1007/978-3-642-28108-2_21
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 50. **António Rito Silva**. *A Blended Workflow Approach*. In *Business Process Design (BPD2011)*. August 2011, Clermont-Ferrand, France. F. Daniel et al. (Eds.): BPM 2011 Workshops, Part I, LNBIP 99, pp. 25-36, 2012. Springer. DOI: 10.1007/978-3-642-28108-2_3
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 47. David Martinho and **António Rito Silva**. *ECHO: An Evolutive Vocabulary for Collaborative BPM Discussions*. In *The Third Workshop on Business Process Management and Social Software*. September 2010, Hoboken New Jersey, USA. M. zur Muehlen and J. Su (Eds.): BPM 2010 Workshops, LNBIP 66, pp. 408-419, 2011. Springer. DOI: 10.1007/978-3-642-20511-8_38

46. **António Rito Silva**, Michael Rosemann and Samia Mazhar. *Towards Processpedia: An Ecological Environment for BPM Stakeholders Collaboration*. In *The Third Workshop on Business Process Management and Social Software*. September 2010, Hoboken New Jersey, USA. M. zur Muehlen and J. Su (Eds.): BPM 2010 Workshops, LNBIP 66, pp. 449–460, 2011. Springer. DOI: 10.1007/978-3-642-20511-8_41
45. David Aveiro, **António Rito Silva** and José Tribolet. *Extending the Design and Engineering Methodology for Organizations with the Generation Operationalization and Discontinuation Organization*. In *Proceedings of the 5th International Conference on Design Science Research in Information Systems and Technology*. June 2010. St. Gallen, Switzerland. R. Winter, J.L. Zhao, and S. Aier (Eds.): DESRIST 2010, LNCS 6105, Springer, pp. 226-241. DOI: 10.1007/978-3-642-13335-0_16
44. David Aveiro, **António Rito Silva** and José Tribolet. *Towards a G.O.D. Organization for Organizational Self-Awareness*. In *6th International Workshop, CIAO! 2010*, held at DESRIST 2010. June 2010. St. Gallen, Switzerland. A. Albani and J.L.G. Dietz (Eds.): CIAO! 2010, LNBIP 49, Springer. pp. 16–30. DOI: 10.1007/978-3-642-13048-9_2
43. Mário Luís Guimarães and **António Rito Silva**. *Towards Real-Time Integration*. In *Proceedings of the 3rd International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE10)*. May 2010. Cape Town, South Africa. ACM. pp. 56-63. DOI: 10.1145/1833310.1833320
42. Artur Caetano, **António Rito Silva** and José Tribolet. *Identification of Services through Functional Decomposition of Business Processes*. In *Proceedings of the 13th International Conference on Business Information Systems (BIS 2010)*. May 2010. Berlin, Germany. LNBIP 47. Springer. pp. 144-157. DOI: 10.1007/978-3-642-12814-1_13
41. David Aveiro, **António Rito Silva** and José Tribolet. *Towards a GOD-theory for organizational engineering: continuously modeling the continuous (re)Generation, Operation and Deletion of the enterprise*. In *Proceedings of the 2010 ACM Symposium on Applied Computing*. March 2010. Sierre, Switzerland. SESSION: Enterprise engineering track, pp. 150-157. DOI: 10.1145/1774088.1774118
40. Artur Caetano, **António Rito Silva** and José M. Tribolet. *A method for business process decomposition based on the separation of concerns principle*. In *Proceedings of the 2010 ACM Symposium on Applied Computing*. March 2010. Sierre, Switzerland. SESSION: Enterprise engineering track, pp. 79-85. DOI: 10.1145/1774088.1774107
39. **António Rito Silva**, Rachid Meziani, Rodrigo Magalhães, David Martinho, Ademar Aguiar and Nuno Flores. *AGILIPO: Embedding Social Software Features into Business Process Tools*. In *The Second Workshop on Business Process Management and Social Software*. BPM 2009 Workshops. LNBIP 43. Springer. pp. 219-230. DOI: 10.1007/978-3-642-12186-9_21
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36. João Cachopo and **António Rito-Silva**. *Combining Software Transactional Memory with a Domain Modeling Language to Simplify Web Application Development*. In *ACM Proceedings of the Sixth International Conference on Web Engineering (ICWE)*, July 2006, Menlo Park, California, USA. pp. 297-304. DOI: 10.1145/1145581.1145640
 35. Ricardo Martinho, Dulce Domingos and **António Rito-Silva**. *Supporting Authentication Requirements in Workflow*. In *IEEE Proceedings of the 8th International Conference on Enterprise Information Systems (ICEIS 2006)*, May 2006, Paphos, Cyprus. pp. 181-188.
 34. Pedro Vieira and **António Rito-Silva**. *Adaptive Workflow Management in WorkSCo*. In *IEEE Proceedings of the Fifth International Workshop on Web Based Collaboration (WBC'2005)*, August 2005, Copenhagen, Denmark. pp. 640-645. DOI: 10.1109/DEXA.2005.43
 33. Artur Caetano, **António Rito Silva** and José Tribolet. *Using roles and business objects to model and understand business processes*. In *The 20th Annual ACM Symposium on Applied Computing*. March 2005, Santa Fe, New Mexico, USA. DOI: 10.1145/1066677.1066973
 32. Artur Caetano, Marielba Zacarias, **António Rito Silva** and José Tribolet. *A Role-Based Framework for Business Process Modeling*. In *38th Hawaii International Conference on System Sciences (HICSS -38)*. January 2005, Hawaii, USA. IEEE Computer Society. DOI: 10.1109/HICSS.2005.49
 31. Ricardo Jota and **António Rito Silva**. *Supporting Distributed Extreme Programming with Adaptive Workflow*. In *Proceedings of the Workshop on Cooperative Support for Distributed Software Engineering Processes (CSSE 2004)*, September 2004, Linz, Austria. pp.131-137.
 30. **António Rito Silva** and Pedro Santos. *An Integrated Strategy for the Development of Higher Education Institutions Information Systems*. In *Proceedings of the 10th International Conference of European University Information Systems (EUNIS 2004)*, July 2004, Bled, Slovenia. pp.195-200.
 29. Alexandre Coimbra and **António Rito Silva**. *Value Chain: An Interpretation For Higher Education Institutions*. In *Proceedings of the 10th International Conference of European University Information Systems (EUNIS 2004)*, July 2004, Bled, Slovenia. pp. 347-352.
 28. Artur Caetano, **António Rito Silva** and José Tribolet. *Business Process Modeling with Objects and Roles*. In *IEEE Proceedings of the 6th International Conference on Enterprise Information Systems (ICEIS 2004)*. April 2004, Porto, Portugal. pp. 14-17.
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