

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

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Homepage **<http://www.di.uminho.pt/~prh>**
Nationality **Portuguese**
Date of birth **30, June, 1955**

WORK EXPERIENCE

- Assoc. Prof. *Dates: since 1996 (nomeação definitiva, 2001)*
Employer: University of Minho, Portugal
Sector: Dept. of Informatics
Position held: Associate Professor
Main activities: teaching & research
- Aux. Prof. *Dates: 1993-1996*
Employer: University of Minho, Portugal
Sector: Dept. of Informatics
Position held: Auxiliary Professor
Main activities: teaching & research
- Lecturer *Dates: 1981-93*
Employer: University of Minho, Portugal
Sector: Dept. of Informatics & Control
Position held: Assistant lecturer
Main activities: teaching & research
- Group leader *Dates: since 1994*
Employer: University of Minho, Portugal
Sector: Language Processing group (gEPL)
Position held: Group leader
Main activities: management & research

EDUCATION AND TRAINING

- Agreg *Year: 2012*
Academic degree: Habilitation (Agregação) in Computer Science
Institution: Dept. of Informatics, University of Minho, PT
- Ph.D. *Year: 1993*
Academic degree: Philosophy Doctor in Computer Science
Institution: Dept. of Informatics, University of Minho, PT

- M.Sc. *Year: 1984*
Academic degree: Master of Science in Computer Science (PAPCC examination – M.Sc. equivalent)
Institution: Dept. of Informatics, University of Minho, PT
- Lic. *Year: 1977*
Academic degree: Licenciatura
Institution: Dept. Electrotechnical Engineering, University of Porto, PT

TECHNICAL SKILLS

- Domain of specialization Computer science (Compilers)
- Areas of research Formal Languages Processing, Programming Paradigms, Methods and Languages, Data Analysis and Knowledge Extraction.
- Current research Compiling methods, techniques and tools, Program Comprehension, Visualization and Animation, Data Cleaning (Data Mining preparation).

PH.D. SUPERVISION

- Lázaro Vinícius de Oliveira Lima
Subject: The impact of Augmented Reality for training Computational Thinking
Co-supervisor: Prof. Luís Gonzaga Magalhães (UM/DSI)
Institution: U. Minho (PDInf Program)
Date: 2019-... .
- Renato Preigschdat Azevedo
Subject: DSL based Automatic Generation of Q&A Systems
Co-supervisor: Prof. Maria João Varanda (IPB)
Institution: U. Minho (PDInf Program)
Date: 2018-... .
- Leandro Oliveira Freitas
Subject: Uncertainty and Incompleteness Handling in Context-Aware systems
Co-supervisor: Prof. Paulo Novais(UM)
Institution: U. Minho (PDInf Program)
Date: 2018-... .
- Ricardo Alexandre Martins
Subject: Emotional State Detection through Text Analysis
Co-supervisor: Prof. Paulo Novais(UM)
Institution: U. Minho (PDInf Program)
Date: 2018-... .
- Ricardo Giuliani Martini
Subject: Formal Description and Automatic Generation of Learning Spaces based on Ontologies
Co-supervisor: Prof. Giovanni R. Librelotto (UFMS)
Institution: U. Minho (PDInf Program)
Date: 2014-2018.
- Paula Correia Tavares
Subject: O Impacto da Animação e Visualização no Ensino da Programação
Co-supervisor: Prof. Elsa Ferreira Gomes (ISEP)
Institution: U. Minho (PDInf Program)
Date: 2013-2018.

- Daniela C. da Cruz

Subject: Verification, Slicing and Visualization of Programs with Contracts
Co-supervisor: Prof. Jorge Sousa Pinto (UM)
Institution: U. Minho (MAP-i Program)
Date: 2007-2011.
- Mario M. Berón

Subject: Program Inspection to interconnect the Behavioral and Operational Views for Program Comprehension
Co-supervisor: Prof. Roberto Uzal
Institution: U. Nacional San Luis + U. Minho (Alpha LERNet project)
Date: 2006-2009.
- Paulo J. Oliveira

Subject: Data Quality Problems in Databases: Detection and Correction
Co-supervisor: Prof. Fátima Rodrigues (ISEP / IPP)
Institution: U. Minho
Date: 2003-2009.
- Gustavo V. Arnold

Subject: Automatização da Geração de Código para Robôs Industriais diversos
Co-supervisor: Prof. Jaime Fonseca (UM)
Institution: U. Minho
Date: 2002-2008.
- Giovanni R. Librelotto

Subject: Topic Maps, da Sintaxe à Semântica
Co-supervisor: Prof. José Carlos Ramalho (UM)
Institution: U. Minho
Date: 2001-2005.
- Paulo J. Matos

Subject: Um Modelo Arquitectónico para Desenvolvimento de Compiladores: aplicação à Framework Dolphin
Institution: U. Minho
Date: 2000-2005.
- Maria João Varanda Pereira

Subject: Sistematização da Animação de Programas
Institution: U. Minho
Date: 1998-2003.
- Jorge G. Rocha

Subject: Informação Geográfica: Meta-Informação, Codificação e Visualização
Institution: U. Minho
Date: 1997-2005.
- José João Almeida

Subject: Dicionários Dinâmicos Multi-fonte
Institution: U. Minho
Date: 1997-2003.
- Fátima C. Rodrigues

Title of thesis: Arquitectura Heterogénea para Extracção de Conhecimento a partir de Dados
Institution: U. Minho
Co-supervisor: Prof. Carlos Ramos (ISEP / IPP)
Date: 1997-2000.
- José Carlos Ramalho

Title of thesis: Anotação Estrutural de Documentos e sua Semântica
Institution: U. Minho
Date: 1995-2000.

PROGRAM COMMITTEES

CHAIR PERSON

- SLATe'2018

7th International Symposium on Languages, Applications and Technology,
 Guimarães/Portugal, June 2018.

- WAPL'2017 *6.th Workshop on Advances in Programming Languages*, Prague, Czech Republic, September, 2017.
- RAISE'2012 Co-chair of 1st Int. Workshop on *Realizing AI Synergies in Software Engineering*, Zurich, Switzerland, June 2012.
- ICPC'2010 General-Chair of 18th IEEE Int. Conference on *Program Comprehension*; Braga, July 2010.
- CoRTA'2010 Chair of 4th Int. Workshop on *Compiler and Related Technologies and Applications*; Braga, Sept. 2010.
- CoRTA'2008 Co-chair of 2nd Int. Workshop on *Compiler and Related Technologies and Applications*; Bragança, July 2008.
- CoRTA'2007 Co-chair of 1st Int. Workshop on *Compiler and Related Technologies and Applications*; Covilhã, July 2007.
- CTNET'2006 Co-chair of 2nd Int. Workshop on *Compiler related Technologies for the .NET plataform*; Covilhã, April 2006.
- SIA2D'2004 Co-chair of 1st Int. Workshop on *Sistemas de Informação para a Análise de Dados Demográficos*, Granada/Spain, April 2004; co-located with ADEH'2004 (*VII Congresso Ibérico de Demografia Histórica*).
- WAGA'2000 Co-chair of 3rd Workshop on *Attribute Grammars and their Applications*, Ponte do Lima, July 2000; co-located with MPC'2000.
- WDavid'1996 Program chair and organizer of the Workshop *David: Algebraic Document Processing*, Braga, September 1996.
- WoLP'1993 Program chair and organizer of the Workshop on *Language Processing: OO-approaches and Parallelism*, Braga, October 1993.

COMMITTEE MEMBER

- SAC'2020-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, April 2020.
- ICSOFT'2020 *15th International Conference on Software Engineering*, 2020.
- ICAART'2020 *12th. International Conference on Agents and Artificial Intelligence*, January 2020.
- SAC'2019-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Cyprus, April 2019.
- SLATe'2019 *8th International Symposium on Languages, Applications and Technology*, Coimbra/Portugal, June 2019.
- WAPL'2019 *7.th Workshop on Advances in Programming Languages*, Leibniz/Germany, September 2019.
- IWSC'2019 *International Wiki Scientific Conference*, Porto, March 2019.
- ICSOFT'2019 *14th International Conference on Software Engineering*, 2019.
- ICAART'2019 *11th. International Conference on Agents and Artificial Intelligence*, January 2019.

- BICT'2019 *11th EAI International Conference on Bio-inspired Information and Communications Technologies*, Pittsburgh, Pennsylvania, USA, April, 2019.
- SAC'2018-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, April 2018.
- LATA'2018 *12th International Conference on Language and Automata Theory and Applications*, Bar-Ilan University/Israel, April 2018.
- ICISOFT'2018 *13th International Conference on Software Engineering*, 2018.
- WIREs'2018 *Workshop on Intelligent Recommendation Systems*, organized in the scope of the CISTI 2018 - 13th Iberic Conference on Information Systems and Technologies, Cáceres, Spain, June, 2018.
- ICAART'2018 *10th. International Conference on Agents and Artificial Intelligence*, January 2018.
- PAAMS'2018-DeMaDIE *15th Int. Conf. on Practical Applications of Agents and Multi-agents Systems — 3rd Decision Making in Dynamic Information Environments (DeMaDIE)*, Toledo/Spain, June 2018.
- MDASD'2018 *5th Workshop on Model Driven Approaches in System Development*, Poland, September 2018.
- SAC'2017-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Marrakech, Morocco, April 2017.
- SLATe'2017 *6th International Symposium on Languages, Applications and Technology*, Vila do Conde/Portugal, June 2017.
- SCLIT'2017 *7th Symposium on Computer Languages, Implementation and Tools*, Greece, September 2017.
- ICISOFT'2017 *12th International Conference on Software Engineering*, Lisboa, Portugal, 2017.
- BICT'2017 *The 10th EAI International Conference on Bio-inspired Information and Communications Technologies (formerly BIONETICS)*, New Jersey, USA, March 2017.
- IDEAS'2017 *20th International Database Engineering & Applications Symposium*, Canada, July 2017.
- ICAART'2017 *9th. International Conference on Agents and Artificial Intelligence*, January 2017.
- SAC'2016-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Pisa - Italy, April 2016.
- SLATe'2016 *5th International Symposium on Languages, Applications and Technology*, Maribor/Slovaia, June 2016.
- SCLIT'2016 *6th Symposium on Computer Languages, Implementation and Tools*, Greece, September 2016.
- ICISOFT-EA'2016 *11th International Conference on Software Engineering and Applications*, 2016.
- WorldCIST'2016-SHR *1st Workshop on Semantics for Humanities Resources* co-located with *4th World Conference on Information Systems and Technologies*, Recife - Brasil, March 2016.
- MDASD'2016 *4rd Workshop on Model Driven Approaches in System Development*, Warsaw/Poland, September 2016.

- HistInformatics'2016 *4th International Workshop on Computational History – Mining and Harvesting Digital History, Poland, July 2016.*
- IDEAS'2016 *20th International Database Engineering & Applications Symposium, Canada, July 2016.*
- ICAART'2016 *8th. International Conference on Agents and Artificial Intelligence, January 2016.*
- CAPSI'2017 *16ª Conferência da Associação Portuguesa de Sistemas de Informação, Portugal, October 2017.*
- ICSME'2015 *31st IEEE International Conference on Software Maintenance and Evolution, , Sep/October 2015.*
- SLATe'2015 *4th International Symposium on Languages, Applications and Technology, Madrid/Spain, June 2015.*
- WAPL'2015 *5.th Workshop on Advances in Programming Languages, Poland, September 2015.*
- SCLIT'2015 *5th Symposium on Computer Languages, Implementation and Tools, Greece, September 2015.*
- RAISE'2015 *4th Int. Workshop on Realizing AI Synergies in Software Engineering, Florence/Italy, May 2015.*
- ICSoft-EA'2015 *10th International Conference on Software Engineering and Applications, 2015.*
- IDEAS'2015 *19th International Database Engineering & Applications Symposium, China, July 2015.*
- ICAART'2015 *7th. International Conference on Agents and Artificial Intelligence, Lisboa/Portugal, January 2015.*
- EPIA'2015 *General AI (GAI) track at the International Conference of Artificial Intelligence in Portugal, Coimbra/Portugal, September 2015.*
- HD'2015 *1ª Conferência de Humanidades-Digitais'2015, Lisboa/Portugal, November 2015.*
- CAPSI'2015 *15ª Conferência da Associação Portuguesa de Sistemas de Informação, Lisboa/Portugal, October 2015.*
- VideoJogos'2015 *7ª Conferência de Ciências e Artes dos Videojogos, Coimbra/Portugal, November 2015.*
- ICSME'2014 *30th IEEE International Conference on Software Maintenance and Evolution, Victoria/Canada, October 2014.*
- SLATe'2014 *3rd International Symposium on Languages, Applications and Technology, Bragança/Portugal, June 2014.*
- SCLIT'2014 *4th Symposium on Computer Languages, Implementation and Tools, Greece, September 2014.*
- ICSoft-EA'2014 *9th International Conference on Software Engineering and Applications, Viena/Austria, August 2014.*
- IDEAS'2014 *18th International Database Engineering & Applications Symposium, Porto/Portugal, July 2014.*
- MDASD'2014 *3rd Workshop on Model Driven Approaches in System Development, Warsaw/Polonia, September 2014.*

- BICT'2014 *The 8th International Conference on Bio-inspired Information and Communications Technologies — AI and Software Engineering (AISE) Track*, Boston, December 2014.
- ICAART'2014 *6th. International Conference on Agents and Artificial Intelligence*, Angers/France, March 2014.
- Histoinformatics'2014 *2nd International Workshop on Computational History – Mining and Harvesting Digital History*, Barcelona/Spain, November 2014.
- KDO'2014 *2nd. Workshop on Knowledge Discovery in Ontologies*, Warsaw/Poland, August 2014.
- CAPSI'2014 14ª Conferência da Associação Portuguesa de Sistemas de Informação, Santarém/Portugal, October 2014.
- VideoJogos'2014 6ª Conferência de Ciências e Artes dos Videojogos, Barcelos/Portugal, November 2014.
- ICSM'2013 *29th IEEE International Conference on Software Maintenance*, Eindhoven/The Netherlands, September 2013.
- RAISE'2013 *2nd Int. NFS sponsored Workshop on Realizing AI Synergies in Software Engineering*, San Francisco/USA, May 2013.
- SAC'2013-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Coimbra/Portugal, March 2013.
- SLATe'2013 *2nd Symposium on Languages, Applications and Tools*, Porto/Portugal, June 2013.
- SCLIT'2013 *3rd Symposium on Computer Languages, Implementation and Tools*, Greece, September 2013.
- WAPL'2013 *4.th Workshop on Advances in Programming Languages*, Poland, September 2013.
- KDO'2013 *First Workshop on Knowledge Discovery in Ontologies*, Atlanta/USA, November 2013.
- Informatics'2013 *12th International Scientific Conference on Informatics*, Slovakia, November 2013.
- Histoinformatics'2013 *1st International Workshop on Histoinformatics – "Mining and Harvesting Digital History"*, Kioto/Japan, November 2013.
- ICAART'2013 *International Conference on Agents and Artificial Intelligence*, January 2013.
- SDIA'2013 *Doctoral Symposium of the Portuguese Association for Artificial Intelligence*, Açores/Portugal, September 2013.
- EPIA'2013 *General AI track & Special track Challenges*, Açores/Portugal, September 2013.
- CAPSI'2013 13ª Conferência da Associação Portuguesa de Sistemas de Informação, Évora/Portugal, October 2013.
- Interação'2013 5ª Conferência Nacional sobre Interação, Vila-Real/Portugal, November 2013.
- SAC'2012-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Italy, March 2012.
- SAC'2012-DE *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Document Engineering"*, Italy, March 2012.

- ICAART'2012 *International Conference on Agents and Artificial Intelligence*, Portugal, January 2012.
- SLATe'2012 *1st Symposium on Languages, Applications and Tools*, Braga/Portugal, June 2012.
- SCLIT'2012 *2nd Symposium on Computer Languages, Implementation and Tools*, Greece, September 2012.
- MDASD'2012 *2nd Workshop on Model Driven Approaches in System Development* a satellite event of *FedCISC'2012*, Poland, September 2012.
- CSE'2012 *International Scientific Conference on Computer Science and Engineering*, Stará-Lesná/Slovakia, September 2012.
- BCI'2012 *5th Balkan Conference in Informatics*, Novi-Sad/Serbia, September 2012.
- ICPC'2011 *19th IEEE International Conference on Program Comprehension*, Canada, June 2011.
- SCAM'2011 *11th IEEE International Working Conference on Source Code Analysis and Manipulation*, USA, September 2011.
- SAC'2011-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Taiwan, March 2011.
- WAPL'2011 *3.nd Workshop on Advances in Programming Languages*, Poland, September 2011.
- SCLIT'2011 *Symposium on Computer Languages, Implementation and Tools*, Greece, September 2011.
- CoRTA'2011 *4th Int. Workshop on Compiler and Related Technologies and Applications*; Portugal, September 2011.
- EPIA'2011 *Bi-Annual Conference of the Portuguese Association for Artificial Intelligence*, Lisboa, October 2011.
- ICAART'2011 *International Conference on Agents and Artificial Intelligence*, latly, January 2011.
- SAC'2010-PL *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Programming Languages"*, Switzerland, March 2010.
- SAC'2010-DE *ACM-SIGAPP Symposium on Applied Computing – Technical Track on "Document Engineering"*, Switzerland, March 2010.
- BIONETICS'2010 *The 5th Int. Conference on Bio-Inspired Models of Network, Information and Computing Systems, a AI and Software Engineering (AISE) Track*, Boston, December 2010.
- ADBIS'2010 *14th East-European Conference on Advances in Databases and Information Systems*, Novi Sad, September 2010.
- MDASD'2010 *1st Workshop on Model Driven Approaches in System Development* a satellite event of *ADBIS'2010*, Novi Sad, September 2010.
- ICAART'2010 *International Conference on Agents and Artificial Intelligence*, Spain, January 2010.
- EPIA'2009 *Bi-Annual Conference of the Portuguese Association for Artificial Intelligence*, Aveiro, October 2009.
- WAPL'2009 *2.nd Workshop on Advances in Programming Languages*, Mragowo/Poland, October 2009.

- CoRTA'2009 3rd Int. Workshop on *Compiler and Related Technologies and Applications*; Lisboa, September 2008.
- SAC'2008-PL ACM-SIGAPP *Symposium on Applied Computing – Technical Track on "Programming Languages"*, Brasil, March 2008.
- SAC'2008-DE ACM-SIGAPP *Symposium on Applied Computing – Technical Track on "Document Engineering"*, Brasil, March 2008.
- CSE'2008 International Scientific Conference on *Computer Science and Engineering*, Stará-Lesná/Slovakia, September 2008.
- EPIA'2007 Bi-Annual Conference of the *Portuguese Association for Artificial Intelligence*, Guimarães, December 2007.
- WAPL'2007 *1.st Workshop on Advances in Programming Languages*, Wisla/Poland, October 2007.
- ETAPS'2007 *10th European Joint Conferences on Theory and Practice of Software*, Braga, March 2007.
- GTTSE'2005 1st International Summer School on *Generative and Transformational Techniques in Software Engineering*, Braga, July 2005.
- ICKDES'2004 1st Int. Conference on *Knowledge Engineering and Decision Support*, Porto, July 2004.
- CINTEC'2001 Int. Conference on *New Technologies in Science Education*, Aveiro, July 2001.
- MPC'2000 5th Int. Conference on *Mathematics of Program Construction*, Ponte do Lima, July 2000.
- SIA'1999 1st Workshop on *Archaeologic Information Systems: GIS applied to Archeology*, Vila Real, Set. 1999; co-located with CAP'1999 (*3.º Congresso de Arqueologia Peninsular*).
- AFP'1998 3rd International Summer School on *Advanced Functional Programming*, Braga, September 1998.
- WDavid'1996 Workshop *David: Algebraic Document Processing*, with 3 British specialists in SGML/TEI, DSSSL, LaTeX, Braga, September 1996.
- WoLP'1993 Workshop *Language Processing: OO-approaches and Parallelism*, with 3 foreign invited speakers, Braga, October 1993.
- XATA National Conference on *XML and Associated Technologies and Tools*, since 2003.
- CAPSI Annual Conference of the *Portuguese Association for Information Systems*, since 2000.
- CNPLf *National Annual Logic & Functional Programming Contest*, 1998-2007.
- MIUP-TIUP *National Imperative Programming Contests*, 2000-2008.

PARTICIPATION IN RESEARCH PROJECTS

- NetLang *The Language of Cyberbullying: Forms and Mechanisms of Online Prejudice and Discrimination in Annotated Comparable Corpora of Portuguese and English*
<https://sites.google.com/site/projectnetlang/introduction>;
 supported by FCT (under contract PTDC/LLT-LIN/29304/2017);
 2019-2021.

- NoviBraga *Data-Mining based evaluation of IT teaching practices in Portugal and Serbia;*
bilateral Serbia-Portugal joint-research project supported by FCT (Departamento das Relações Europeias, Bilaterais e Multilaterais);
2018-2019.
- S3IR *Reforço da segurança dos sistemas de software através de métodos, técnicas e ferramentas de engenharia reversa;*
bilateral Argentina-Portugal joint-research project supported by FCT (Departamento das Relações Europeias, Bilaterais e Multilaterais);
2018-2019.
- CetrO+Spec *Construction, Exploration and Transformation of Learning Object Repositories in Specialized Domains (Creación, Exploración y Transformación de Repositorios de Objetos Educativos en Dominios Especializados);*
Spanish Research Project (funded by Ministry of Education, proc. TIN2017-88092-R) – team leader: Professor José Luis Sierra Rodríguez, Universidad Complutense de Madrid; collaborator; 2018-2020.
- RedR+Human *Repositories for Education with Dynamic Reconfigurability in the Humanities;*
Spanish Research Project (funded by Ministry of Education) – team leader: Professor José Luis Sierra Rodríguez, Universidad Complutense de Madrid; collaborator; 2015-2017.
- QUIXOTE *Desenvolvimento de modelos do domínio do problema para inter-relacionar as vistas operacional e comportamental em sistemas de software;*
bilateral Argentina-Portugal joint-research project supported by FCT (Departamento das Relações Europeias, Bilaterais e Multilaterais);
team leader; 2010-2011.
- AsCoP *Assessing Comprehension of Domain Specific Programs;*
bilateral Slovenia-Portugal joint-research project supported by FCT (Departamento das Relações Europeias, Bilaterais e Multilaterais);
team leader; 2010-2011.
- HERMES *Aprendizagem e Povoamento de Ontologias a partir de Fontes Textuais;*
bilateral Brasil-Portugal joint-research project supported by Programa CAPES-FCT2009 (Departamento das Relações Europeias, Bilaterais e Multilaterais);
2010-2012.
- CROSS *An Infrastructure for Certification and Re-engineering of Open Source Software;*
supported by FCT (under contract PTDC/EIA-CCO/108995/2008);
2010-2012.
- Matisse *MathIS - Reinvigorating Mathematics for the Information Society;*
supported by FCT (under contract PPTDC/EIA/73252/2006);
2009-2011.
- DSLpc *Program Comprehension for Domain Specific Languages;*
bilateral Slovenia-Portugal joint-research project supported by FCT (Departamento das Relações Europeias, Bilaterais e Multilaterais);
team leader; 2008/2009.
- PCVIA *Program Comprehension by Visual Inspection and Animation;*
supported by FCT (POS/EIA/57662/2004);
team leader; 2005-2007.
- Voda *Grammar-based Systems;*
bilateral Slovenia-Portugal joint-research project supported by GRICES;
team leader; 2004-2006.

- AGiL *Automatic Generation of Language-based Tools;*
bilateral Slovenia-Portugal joint-research project supported by ICCTI;
team leader; 2001-2003.
- Fasti *Fasti Ecclesiae Portugaliae, estudo prosopográfico do Clero Catedralício Português na Idade Média;*
supported by FCT;
team leader; 2003-2006.
- MetaMedia2 *Metadata for the Preservation and Retrieval of Multimedia Components;*
supported by FCT (programa PRAXIS);
team leader; 2000/2002.
- MetaMedia1 *Metadata for Multimedia Archives;*
supported by FCT (programa PRAXIS);
team leader; 1999-2000.
- MRP-C *Portugal, país de mortalidade excepcionalmente favorável? Aprofundamento micro-analítico;*
supported by FCT (programa PRAXIS);
team leader; 2006-2007.
- MRP-B *Informatização Normalizada de Arquivos: Reconstituição de Paróquias e História das Populações - fase II;*
supported by FCT (programa PRAXIS);
team leader; 2001-2004.
- MRP-A *Informatização Normalizada de Arquivos: Reconstituição de Paróquias e História das Populações;*
supported by FCT (programa PRAXIS);
team leader; 1999-2001.
- OOF *Object-Oriented Frameworks: applications and support;*
JNICT/British-Council Coop. Protocol;
team leader; 1997-1998.
- LePAForM *Language and Environments for the Pragmatic Application of Formal Methods;*
JNICT/British-Council Coop. Protocol;
team leader; 1995-1997.
- GelRA *Information System supporting the Portuguese heritage;*
supported by INTERREG II;
team leader; 1996-1999.
- David *Algebraic Specification of Documents;*
JNICT, PBIC/TIT/2479/95; (project coordinator);
project coordinator; 1996-1998.
- Sara *Visual Programming: Definition, Applications, Environments;*
JNICT, PBIC/TIT/2481/95; (project coordinator);
project coordinator; 1996-1998.

**(COORDINATION OF)
DEVELOPMENT PROJECTS**

- GreenSSCM *Green Software for Space Control Mission – optimization of energy consumption via software, in cooperation with VisionSpace, supported by AdI, 2013-2015.*

- SIGON.2 *Sistema de Informação para a Gestão da Operação Norte 2 —an information system to ON.2 (O Novo Norte)— a financial instrument which supports regional development in the north of Portugal, in cooperation with CCRN, 2007/2008.*
- IntegraSTC *Compilador e Máquina Virtual para a linguagem de programação de controladores ST segundo a norma IEC, in cooperation with Efacec, 2006.*
- SIME *The Information System for the Emigration virtual Museum (MEC), in cooperation with Casa da Cultura da Câmara Municipal de Fafe, 2003-...*
- SIEP *An web-based Information System to support the Prosopographic study of portuguese medieval priests, in the context of the "Fasti Ecclesiae Portugaliae" FCT project., 2002-2004.*
- IPSb *Análise de Requisitos para o Instituto Português do Sangue, in cooperation with IPS (Ministério da Saúde), 2002/2003.*
- IPSa *Verificação de Software para o Instituto Português do Sangue: validação da aplicação ASIS, in cooperation with IPS (Ministério da Saúde), 1999-2000.*
- SDT *Sistema de Suporte ao Desenvolvimento para Telecomunicações, um Compilador para a linguagem SDL 2000, in cooperation with Adl (Agência portuguesa de Inovação) via CDFTel, 1999/2000.*
- npMP *Núcleo Português do Museu da Pessoa, A Virtual Museum to collect, process and expose individual "Life Stories", in cooperation with Museu da Pessoa de São Paulo – Brasil, 1998-2005.*

TALKS/TUTORIALS

- UCM *Languages, Ontologies and automatic Grammar generation, UCM Doctoral Program in Informatics, UCM/Madrid, 2016.Jul.12.*
- IMG *Perspectiva de Informática na colaboração em projetos das Humanidades—que diálogos?, Workshop Idade Média Digital, IEM/FCSH-UNL, 2014.Sep.26.*
- Webinar *Organização e Representação da Informação (Arquivos, Bibliotecas e Museus), Webinar BAD, 2013.May.07.
Summary publication at:
<http://www.bad.pt/noticia/2013/11/04/organizacao-e-representacao-da-informacao-ontologias-como-motor-da-web-semantic/>.*
- palUBI04 *Maratonas de Programação e outros Desafios Lúdicos baseados em computador: o seu papel no ensino, UBI/Covilhã, 2004.Mar.02.
presentation available at:
www.di.uminho.pt/~prh/palUBI04.ppt.*

PUBLICATIONS

THESIS AND DISSERTATIONS

- Hen11a Pedro Rangel Henriques.
Brincando às Linguagens com Rigor: Engenharia Gramatical.
Habilitation in Computer Science (Technical Report), Dep. de Informática, Escola de Engenharia da Universidade do Minho, Oct. 2011.
Habilitation monography presented and discussed in a public session held in April 2012 at UM/Braga
- Hen92b Pedro Rangel Henriques.
Atributos e Modularidade na Especificação de Linguagens Formais.
PhD thesis, Universidade do Minho, Dec. 1992

BOOKS OR BOOK CHAPTERS

- RH02 José Carlos Ramalho and Pedro Rangel Henriques.
XML & XSL: da teoria à prática.
Série Tecnologias de Informação ISBN-972-722-347-8. Editora FCA, 1st ed. edition, Oct 2002
- AzevedoRenPH19a Renato Azevedo, Maria João Varanda Pereira, and Pedro Rangel Henriques.
DSL Based Automatic Generation of Q&A Systems.
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