

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name **Pedro Manuel Rangel Santos HENRIQUES**
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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

- 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-... .
- 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-... .
- 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.

- **Giovani 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'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.
 - ICSOFT'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.
 - 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.
 - 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.
 - ICSOFT'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/Slovin, June 2016.
 - SCLIT'2016 *6th Symposium on Computer Languages, Implementation and Tools*, Greece, September 2016.
 - ICSOFT-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, Italy, 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 (*3ž 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

- 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 (POSI/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 Adl, 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

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
- Araujo:2018a Cristiana Araújo, Ricardo G. Martini, Pedro Rangel Henriques, and José João Almeida.
New Advances in Information Systems and Technologies: Volume 2, chapter Annotated Documents and Expanded CIDOC-CRM Ontology in the Automatic Construction of a Virtual Museum, pages 91–110.
Studies in Computational Intelligence 718. Springer International Publishing AG, 2018
- Martini2016a Ricardo G. Martini, Cristiana Araújo, Giovanni R. Librelotto, and Pedro R. Henriques.
New Advances in Information Systems and Technologies, chapter A Reduced CRM-Compatible Form Ontology for the Virtual Emigration Museum, pages 401–410.
Springer International Publishing, Cham, 2016
- Martini2016b Ricardo G. Martini, Cristiana Araújo, José João Almeida, and Pedro Rangel Henriques.
New Advances in Information Systems and Technologies: Volume 2, chapter OntoMP, An Ontology to Build the Museum of the Person, pages 653–661.
Springer International Publishing, Cham, 2016
- RCHS2015 Daniel Rodriguez-Cerezo, Pedro Rangel Henriques, and José-Luis Sierra.
TICAI 2013-2014: TICs para el Aprendizaje de la Ingeniería., chapter EvDebugger: Las gramáticas de atributos hechas fáciles (Cap. 6), pages 57–65.
IEEE, Sociedad de Educación: Capítulos Español y Portugués, Sep 2015
- POCH2015 Maria João Varanda Pereira, Nuno Oliveira, Daniela da Cruz, and Pedro Rangel Henriques.
(chp. 7) Innovative Teaching Strategies and New Learning Paradigms in Computer Programming, chapter An effective Way to Teach Language Processing Courses.
IGI Global, 2015
- FCHG12b Daniela Fonte, Daniela da Cruz, Pedro Rangel Henriques, and Alda Lopes Gançarski.
Innovations in XML Applications and Metadata Management: Advancing Technologies, chapter GuessXQ, a query-by-example approach for XML querying, pages 57–76.
IGI Global by Hershey, PA: Information Science Reference, Dec 2012
- FHG12a Flávio Xavier Ferreira, Pedro Rangel Henriques, and Alda Lopes Gançarski.
Innovations in XML Applications and Metadata Management: Advancing Technologies, chapter Using Semantics in XML Information Access: Application to the Portuguese Emigration Museum, pages 198–215.
IGI Global by Hershey, PA: Information Science Reference, Dec 2012
- CH09 Daniela da Cruz and Pedro Rangel Henriques.
Advances in Computer Science and IT (D. M. Akbar Hussain, Ed.), chapter Slicing techniques to derive the User Interface Abstract Model, pages 249–276.
In-Teh, December 2009
- LHD08 Sandra Lopes, Pedro Rangel Henriques, and Paulo Dias.
Making concept maps available on the web to the students.
In António José Mendes, Isabel Pereira, and Rogério Costa, editors, *Computers and Education*, pages 179–188. Springer London, 2008.
10.1007/978-1-84628-929-3_18
- ORH06 Paulo Oliveira, Fátima Rodrigues, and Pedro Rangel Henriques.
Data cleaning by reusing domain knowledge.
In *Knowledge and Decision Technologies*, pages 67–74. ISBN: 972-8688-39-3, 2006
- RRH02 Fátima Rodrigues, Carlos Ramos, and Pedro Rangel Henriques.
Data reduction to improve knowledge extraction.
In J.Filipe, B.Sharp, and Miranda, editors, *Enterprise Information Systems III*, pages 137–145.
Kluwer Academic Publishers, 2002

PROCEEDINGS EDITOR

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**PERSONAL SKILLS AND
COMPETENCIES**

- Mother tongue Portuguese
- Other languages English and French
- Membership in Associations Member of the *Portuguese Association for Artificial Intelligence*, APPIA;
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