

# 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

- **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 platform*; 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'2017-PL ACM-SIGAPP *Symposium on Applied Computing – Technical Track on "Programming Languages"*, Marrakech, Marocco, April 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.
  - 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 *11 Conferência de Humanidades-Digitais'2015, Lisboa/Portugal, November 2015.*
- CAPSI'2015 *151 Conferência da Associação Portuguesa de Sistemas de Informação, Lisboa/Portugal, October 2015.*
- VideoJogos'2015 *71 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.*
- HistInformatics'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 *141 Conferência da Associação Portuguesa de Sistemas de Informação, Santarém/Portugal, October 2014.*
- VideoJogos'2014 *61 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 *3rd 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 (*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*, since 2000.

## **PARTICIPATION IN RESEARCH PROJECTS**

- 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 - Reinigorating 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 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/>.

## 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
- 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.  
*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

- ICPC2010 Giuliano Antoniol, Keith Gallagher, and Pedro Rangel Henriques, editors.  
*18th IEEE International Conference on Program Comprehension (ICPC2010)*, Washington, DC, USA, June 2010. IEEE Computer Society, Conference Publishing Services (CPS)
- AFP1999 Doaitse Swierstra, Pedro Rangel Henriques, and José Nuno Oliveira, editors.  
*Advanced Functional Programming*, volume Lecture Notes in Computer Science (LNCS) – 1608, Berlin, 1999. Springer-Verlag GmbH

#### INTERNATIONAL JOURNALS

- Pereira201635 Maria João Varanda Pereira, João Fonseca, and Pedro Rangel Henriques.  
Ontological approach for DSL development.  
*Computer Languages, Systems & Structures*, 45:35–52, 2016
- Martini2016c Ricardo G. Martini, Mónica Guimarães, Giovanni R. Librelotto, and Pedro Rangel Henriques.  
Creating virtual exhibition rooms from emigration digital archives.  
*Universal Access in the Information Society*, pages 1–11, 2016
- SanchezOBH15 Alejandro Sanchez, Nuno Oliveira, Luís Soares Barbosa, and Pedro Rangel Henriques.  
A perspective on architectural re-engineering.  
*Sci. Comput. Program.*, 98:764–784, 2015
- CarvalhoAHP15 Nuno Ramos Carvalho, José João Almeida, Pedro Rangel Henriques, and Maria João Varanda Pereira.  
From source code identifiers to natural language terms.  
*Journal of Systems and Software*, 100:117–128, 2015

- BCHP2012a José Barros, Daniela da Cruz, Pedro Henriques, and Jorge Pinto.  
Assertion-based slicing and slice graphs.  
*Formal Aspects of Computing*, 24:217–248, 2012.  
10.1007/s00165-011-0196-1
- RCH2012a Miguel Regedor, Daniela da Cruz, and Pedro Rangel Henriques.  
The Role of Best Practices to Appraise Open Source Software.  
48, 2012
- CH2011a Daniela Carneiro da Cruz and Pedro Rangel Henriques.  
Visualizing and analyzing the Quality of XML Documents.  
*J. UCS*, 17(1):126–150, 2011
- ORH2011 Nuno Oliveira, Nuno Rodrigues, and Pedro Rangel Henriques.  
Domain-Specific Language for Coordination Patterns.  
*ComSIS – Computer Science an Information Systems Journal, (special issue on Advances in Formal Languages, Modeling and Applications)*, 8(2):343–359, May 2011
- LVOCH2011 Ivan Lukovic, Maria João Varanda Pereira, Nuno Oliveira, Daniela da Cruz, and Pedro Rangel Henriques.  
A DSL for PIM Specifications: Design and Attribute Grammar based implementation.  
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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;  
President of the Coordination Board for 2006-2007, 2008-2009, and 2010-2011.