



Patricia Martin Rodilla
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General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

My main scientific contributions are methodologies, techniques and resources (algorithms, corpus, reference collections and software tools with intellectual property registration) that allow progress in the conceptual and semantic treatment of language to detect, address and manage human and social problems, such as detection of mental illnesses, detection of toxic behaviors, racism, cultural attacks or patrimonial aspects from social networks, political bots, or detection of textual patterns in repositories. I'm highlighting:

-I have a wide and rich network of international collaborators, which can be seen in the diversity of authors and coverage of events, participation in projects of institutions such as CONICYT-Chile, European Commission or National Plan. I am currently IP of the MSCA-DN HYBRIDS project and principal representative for Spain in the Management Committee of ACTION COST 18128. I have carried out 4 stays abroad with competitive funding, and I coordinate from the IRLab all the training actions of my line of research, (average of 3 TFG/TFM per year and a similar number in progress for the next few years), as well as the training actions derived from the MSCA-DN HYBRIDS network, with the aim of training hybrid doctors who address and resolve complex research questions between engineering of software and the humanities.

-All more than 50 contributions at international conferences have been evaluated through blind peer review. I would highlight successive CAISE, ER, RCIS and ENASE conferences (Core A and Core B Conferences, CORE Conference Ranking) and workshops (i.e. ECAI, Core A). I have participated as an author, reviewer and organizer in the world and European conferences on Digital Humanities, the Society of Hispanic Digital Humanities (HDH2021), national and European conferences on natural language processing (SEPLN, LREC), and in the conference with more seniority in archeology and computing (CAA).

-I have been invited to publish by prestigious publishers, with a book published by Springer, a scientific edition published and a scientific edition in Springer pending publication. I also have more than 20 book chapters in publishers such as Springer, Wiley, or Oxford U.P., some of which offer an analysis of the state of the art and possible lines of work in meeting areas between software engineering and digital humanities.

-All my contributions to journals followed a prior process of blind peer review and are indexed by quality reference indices (ISI, SCOPUS), most of them in Q1 and Q2 in JCR and Scopus. For instance, I contributed to one of the two most prestigious journals in digital humanities (Digital Scholarship in the Humanities, Oxford University Press) and to the oldest and most impactful JCR indexed journal in Heritage and Computing (ACM JOCCH).

-I am a member of 6 scientific and professional associations in which I actively collaborate, especially in the organization of sessions and workshops, including the National Association of Natural Language Processing (SEPLN) and the International Society of Hispanic Digital Humanities (HDH), as well as the European Association for Digital Humanities (EADH). I am also a program committee member at over 60 conferences and a regular reviewer at multiple digital humanities and software engineering journals and conferences.

Patricia Martin Rodilla Patricia Martin Rodilla

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Current professional situation

Employing entity: Universidad de La Coruña **Type of entity:** University
Department: Computer Science, Facultad de Informática
Professional category: Assistant professor **Educational Management (Yes/No):** Yes
Start date: 01/09/2019
Primary (UNESCO code): 330000 - Technological Science.
Secondary (UNESCO code): 570104 - Computational linguistics
Performed tasks: IRLab (Information Retrieval Lab) member Software Engineering degree lecturer
Research on Information Systems mainly in Humanities domains: natural language processing, semantic technologies, information visualization, digital humanities. Empirical studies on Software Engineering.
Field of management activity: University

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de La Coruña	Lecturer & Postdoctoral researcher	01/09/2019
2	Universidad de Santiago de Compostela	Postdoctoral researcher	01/05/2018
3	Galician Regional Government (Xunta de Galicia)	Software Engineer, Data Analyst	23/05/2017
4	Spanish National Research Council	Postdoctoral researcher in ARIADNE FP7 european project	16/03/2016
5	Spanish National Research Council	Researcher & PhD Candidate	01/10/2013
6	Chocosoft S.L.	Project manager	14/10/2015
7	Spanish National Research Council	Researcher & PhD Candidate	01/10/2011
8	Freelance in co-funded company	Software Engineer	01/07/2011
9	Universidad Pontificia de Salamanca	Research assistant	01/10/2010
10	Universidad Pontificia de Salamanca	Research assistant	01/10/2009
11	Universidad Pontificia de Salamanca	UPSA-Caja Duero grant	01/11/2008
12	Aplifisa S.L.	Internship in company.	01/05/2007
13	Chocosoft S.L.	Co-founder and IT project manager	01/06/2010
14	Universidad Pontificia de Salamanca	UPSA-Caja Duero grant	01/01/2010
15	Alfonso X El Sabio Academy	Teacher	13/03/2008

	Employing entity	Professional category	Start date
16	Aplifisa S.L.	Internship in company.	01/01/2008

- 1** **Employing entity:** Universidad de La Coruña **Type of entity:** University
Professional category: Lecturer & Postdoctoral researcher **Educational Management (Yes/No):** Yes
Start-End date: 01/09/2019 - 31/08/2022
Field of management activity: University
- 2** **Employing entity:** Universidad de Santiago de Compostela **Type of entity:** University
Professional category: Postdoctoral researcher
Start-End date: 01/05/2018 - 31/08/2018
Primary (UNESCO code): 570104 - Computational linguistics
Secondary (UNESCO code): 330000 - Technological Science.
Performed tasks: Postdoctoral researcher (Spanish Juan de la Cierva Competitive Postdoctoral Fellowship Program). Research on Information Systems mainly in Humanities domains: natural language processing, semantic technologies, information visualization, digital humanities. Empirical studies on Software Engineering.
- 3** **Employing entity:** Galician Regional Government **Type of entity:** Public Research Body (Xunta de Galicia)
Department: Centro Informático para la Xestión Tributaria Económico-Financiera y Contable, (CIXTEC)
Professional category: Software Engineer, Data Analyst
Start-End date: 23/05/2017 - 21/02/2018
Type of contract: Temporary employment contract
Primary (UNESCO code): 330000 - Technological Science.
Performed tasks: Functional control on institutional software for human resources activity at regional government. Data management and updating for knowledge-based applications requirements. Project management for new software functionalities related with cost control and financial tasks.
- 4** **Employing entity:** Spanish National Research Council **Type of entity:** State agency
Department: Institute of Heritage Sciences
City employing entity: Spain
Professional category: Postdoctoral researcher in ARIADNE FP7 european project
Start-End date: 16/03/2016 - 31/01/2017
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 330000 - Technological Science.
Secondary (UNESCO code): 570104 - Computational linguistics
Performed tasks: Contracted researcher working on ARIADNE project (Advanced Research Infraestructure for Archaeological Dataset Networking in Europe). Tasks of computer text analysis of archaeological and similar memories using techniques of natural language processing, formal discourse analysis, development of specific modeling languages to represent the archaeological argumentation, and participation in the elaboration of a repository of reusable methodological components.
- 5** **Employing entity:** Spanish National Research Council **Type of entity:** State agency
Professional category: Researcher & PhD Candidate

Start-End date: 01/10/2013 - 30/09/2016

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Dedication regime: Full time

Primary (UNESCO code): 330000 - Technological Science.

Secondary (UNESCO code): 550501 - Archaeology; 570104 - Computational linguistics

Performed tasks: PhD student and contracted researcher at Institute of Heritage Sciences (Spanish National Research Council), in a program in collaboration with the Polytechnic University of Valencia. My advisors were D. César González-Pérez, staff scientist and head of Semantic Technologies department at this institution, and D. Óscar Pastor López, head of the Research Center on Software Production Methods, a specific research institute belongs to Polytechnic University of Valencia. Research tasks, results dissemination activities, preparation and presentation of projects to Spanish and European R & D calls (Galician R & D Plan, National R & D Plan, FECYT, VII Framework Program, H2020, Calls for Private Research Fellowships Banco Santander, BBVA), scientific dissemination, management of social networks and organization of scientific and / or professional events.

Identify key words: Information technology and data processing

6 **Employing entity:** Chocosoft S.L.

Type of entity: Business

Professional category: Project manager

Start-End date: 14/10/2015 - 10/03/2016

Primary (UNESCO code): 330000 - Technological Science.

Performed tasks: Project manager in IT projects: mobile applications functional design and development and data integration in big data systems and existing data analytics systems.

7 **Employing entity:** Spanish National Research Council

Type of entity: State agency

Professional category: Researcher & PhD Candidate

Start-End date: 01/10/2011 - 01/10/2013

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Dedication regime: Full time

Primary (UNESCO code): 330000 - Technological Science.

Secondary (UNESCO code): 550501 - Archaeology; 570104 - Computational linguistics

Performed tasks: JAE-pre program researcher. Research and feasibility studies about software extraction of knowledge using data models in the field of Cultural Heritage.

8 **Employing entity:** Freelance in co-funded company

Professional category: Software Engineer

Start-End date: 01/07/2011 - 31/10/2011

9 **Employing entity:** Universidad Pontificia de Salamanca

Type of entity: University

Professional category: Research assistant

Start-End date: 01/10/2010 - 31/12/2010

Type of contract: Temporary employment contract

Dedication regime: Part time

Primary (UNESCO code): 330000 - Technological Science.

Secondary (UNESCO code): 570104 - Computational linguistics

Performed tasks: Software Engineer. Computer systems design and development in research environments.

Field of management activity: University

- 10** **Employing entity:** Universidad Pontificia de Salamanca **Type of entity:** University
Professional category: Research assistant
Start-End date: 01/10/2009 - 30/06/2010
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Part time
Primary (UNESCO code): 330000 - Technological Science.
Performed tasks: Department collaboration grant. Software Engineering faculty. Network and systems administration in IT department.
Field of management activity: University
- 11** **Employing entity:** Universidad Pontificia de Salamanca **Type of entity:** University
Professional category: UPSA-Caja Duero grant
Start-End date: 01/11/2008 - 30/06/2009
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Part time
Primary (UNESCO code): 330000 - Technological Science.
Performed tasks: Software Engineer. Software design and development in mobile applications for bank sector and social programs in Caja Duero bank.
Field of management activity: University
- 12** **Employing entity:** Aplifisa S.L. **Type of entity:** Business
Professional category: Internship in company.
Start-End date: 01/05/2007 - 30/09/2007
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Primary (UNESCO code): 330000 - Technological Science.
Performed tasks: Software engineer. University grant for internships in companies. Software design and development for tax management (Microsoft technologies).
- 13** **Employing entity:** Chocosoft S.L. **Type of entity:** Business
Professional category: Co-founder and IT project manager
Start date: 01/06/2010
Type of contract: Co-founder
Dedication regime: Full time
Primary (UNESCO code): 330000 - Technological Science.
Performed tasks: Co-founder and IT project manager. Project management: integration of mobile applications in existing systems. Databases and information models management.
- 14** **Employing entity:** Universidad Pontificia de Salamanca **Type of entity:** University
Professional category: UPSA-Caja Duero grant
Start date: 01/01/2010
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Part time
Primary (UNESCO code): 330000 - Technological Science.
Performed tasks: Software Engineer. Software design and development in mobile applications for bank sector and social programs in Caja Duero bank. .
- 15** **Employing entity:** Alfonso X El Sabio Academy
Professional category: Teacher
Start date: 13/03/2008



Type of contract: Temporary employment contract

Dedication regime: Part time

Primary (UNESCO code): 330000 - Technological Science.

Performed tasks: Teacher (mainly university levels and adults education): Algorithms, databases theory, software engineering and basis disciplines in computer science.

16 **Employing entity:** Aplifisa S.L.

Type of entity: Business

Professional category: Internship in company.

Start date: 01/01/2008

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Primary (UNESCO code): 330000 - Technological Science.

Performed tasks: Development of web-based applications for tax management. (J2EE, Struts and other Java-based technologies). Data warehouses and databases migrations. (Including design, development and validation of my own project for obtaininf the Software Engineering titulation)



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Higher degree
Name of qualification: INTELLIGENT SOFTWARE SYSTEMS MASTER
Degree awarding entity: Universidad de Salamanca **Type of entity:** University
Date of qualification: 01/06/2011
Average mark: Excellent
Standardised degree: Yes
- 2 University degree:** Higher degree
Name of qualification: COMPUTER SCIENCE AND SOFTWARE ENGINEERING
Degree awarding entity: Universidad Pontificia de Salamanca **Type of entity:** University
Date of qualification: 01/06/2010
- 3 University degree:** Higher degree
Name of qualification: COMPUTER TECHNICAL AND SOFTWARE ENGINEERING
Degree awarding entity: Universidad de Salamanca **Type of entity:** University
Date of qualification: 01/09/2008

Doctorates

Doctorate programme: Computer Science and Software Engineering Ph.D.
Degree awarding entity: Universidad Politécnica de Valencia **Type of entity:** University
Date of degree: 29/07/2016

Other postgraduate university studies

- 1 Type of education:** Specialism
Postgraduate qualification: Galician Language Official Accreditation CELGA 3 B2 MCERL
Degree awarding entity: SECRETARÍA XERAL DE POLÍTICA LINGÜÍSTICA (XUNTA DE GALICIA)
Date of qualification: 09/09/2021
Standardised degree: Yes
- 2 Postgraduate qualification:** Project Management Professional Certification
Degree awarding entity: Project Management Institute (PMI®)
Date of qualification: 17/11/2016



3 Postgraduate qualification: First Certificate Cambridge
Degree awarding entity: University of Cambridge **Type of entity:** University
Date of qualification: 28/10/2015

4 Postgraduate qualification: Scrum Manager Professional Certified
Degree awarding entity: Scrum Manager Organization
Date of qualification: 31/01/2013

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Kanban for SCRUM Teams Seminar
Awarding entity: Centro de Novas Tecnoloxías de Galicia (CNTG) **Type of entity:** Technological Centre
End date: 10/06/2021 **Duration in hours:** 4 hours
- 2 Training title:** Project management with PRINCE2 2017 Seminar
Awarding entity: Centro de Novas Tecnoloxías de Galicia (CNTG) **Type of entity:** Technological Centre
End date: 30/04/2020 **Duration in hours:** 4 hours
- 3 Training title:** Open Access Course (Aproximación ao Open Access)
Awarding entity: Universidad de Santiago de Compostela **Type of entity:** University
Aims of the entity: <https://citius.usc.es/novidades/eventos/programa-formacion-seminario-open-access2018>
End date: 19/11/2018 **Duration in hours:** 1 hour
- 4 Training title:** "Information and Communication Technologies: the future is here" Seminar
Awarding entity: Real Academia Gallega de Ciencias
End date: 15/12/2016 **Duration in hours:** 12 hours
- 5 Training title:** Seminar "AS CIENCIAS ENSINAN A PENSAR"
Awarding entity: Consello da Cultura Galega **Type of entity:** Público municipal
End date: 22/06/2016
- 6 Training title:** Course "Project Management Professional Certification for IT projects - Project Management Institute (PMI®)"
Awarding entity: Centro de Novas Tecnoloxías de Galicia. (CNTG) **Type of entity:** Innovation and Technology Centres
End date: 31/01/2016 **Duration in hours:** 40 hours
- 7 Training title:** Jornadas "Converxencia dixital das institucións da memoria" (Digital convergence in cultural heritage institutions)
Awarding entity: Consello da Cultura Galega **Type of entity:** Público municipal
End date: 07/05/2015 **Duration in hours:** 10 hours
- 8 Training title:** French A2 MCER
Awarding entity: Escuela de Idiomas Universitat Oberta de Catalunya **Type of entity:** University
End date: 28/02/2015 **Duration in hours:** 150 hours



- 9 Training title:** Seminar: "NoSQL. MongoDB Databases"
Awarding entity: Centro de Novas Tecnoloxías de Galicia. (CNTG).
End date: 23/09/2014
Type of entity: Innovation and Technology Centres
Duration in hours: 4 hours
- 10 Training title:** Course "Interactivity in class: 2.0 web and advanced uses"
Awarding entity: Universidad San Pablo CEU
End date: 31/08/2014
Type of entity: University
Duration in hours: 110 hours
- 11 Training title:** Course "Inteligencia de Negocios – Business Intelligence-".
Awarding entity: Programa de Formación Continua Universitat Oberta de Catalunya (UOC)
End date: 31/07/2013
Type of entity: University
Duration in hours: 25 hours
- 12 Training title:** Course "Gestión y seguimiento de proyectos informáticos con SCRUM manager" (SCRUM Software Projects Agile Methodology)
Awarding entity: Centro de Novas Tecnoloxías de Galicia. (CNTG)
End date: 31/01/2013
Type of entity: Innovation and Technology Centres
Duration in hours: 20 hours
- 13 Training title:** Course Galician Language: A2 MCER
Awarding entity: Universidad de Santiago de Compostela
End date: 31/01/2013
Type of entity: University
Duration in hours: 40 hours
- 14 Training title:** Seminar "SUMMIT Developer ESRI (Geographical-based and spatial software development)"
Awarding entity: ESRI
End date: 30/11/2012
Type of entity: Business
Duration in hours: 6 hours
- 15 Training title:** Course "Smartphones, apps and museums"
Awarding entity: Instituto Andaluz de Patrimonio Histórico
End date: 31/05/2012
Type of entity: Public Research Body
Duration in hours: 21 hours
- 16 Training title:** Course: Digital Photogrammetry, Agisoft PhotoScan Professional
Awarding entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO
End date: 31/03/2012
Type of entity: State agency
Duration in hours: 40 hours
- 17 Training title:** Seminar: "Post-bureaucracy research groups"
Awarding entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO
End date: 30/11/2010
Type of entity: State agency
Duration in hours: 20 hours
- 18 Training title:** Training day "Digital Libraries: reference frameworks"
Awarding entity: Universidad Pontificia de Salamanca
End date: 24/03/2010
Type of entity: University



- 19 Training title:** Training day: "IT-based entrepreneurship"
Awarding entity: Universidad Pontificia de Salamanca **Type of entity:** University
End date: 16/03/2010
- 20 Training title:** Training day: "Intellectual rights and patents"
Awarding entity: Universidad Pontificia de Salamanca **Type of entity:** University
End date: 16/03/2010
- 21 Training title:** Course: "Android® development for innovation"
Awarding entity: Universidad Pontificia de Salamanca **Type of entity:** University
End date: 2010
- 22 Training title:** Course: "Mobile development with JME for innovation"
Awarding entity: Universidad Pontificia de Salamanca **Type of entity:** University
End date: 2009
- 23 Training title:** Course: "Mobile development with Java technologies for innovation"
Awarding entity: Universidad Pontificia de Salamanca **Type of entity:** University
End date: 2009
- 24 Training title:** Course: "Advanced GNU/linux systems administration and utilities"
Awarding entity: Universidad de Salamanca **Type of entity:** University
End date: 2007
- 25 Training title:** Course: "Development with J2EE & Struts".
Awarding entity: Universidad de Salamanca **Type of entity:** University
End date: 2007
- 26 Training title:** Course: "Scientific software in Maths. MATLAB"
Awarding entity: Universidad de Salamanca **Type of entity:** University
End date: 2006
- 27 Training title:** Fourth Spanish National Seminar for software and internet security advances
Awarding entity: Universidad de Salamanca **Type of entity:** University
End date: 2006
- 28 Training title:** Course: ".NET development foundations"
Awarding entity: Universidad de Salamanca **Type of entity:** University
End date: 2005

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1 Title of course/seminar:** Legal-administrative issues of university teaching
Organising entity: Centro Universitario de Formación e Innovación Educativa CUFIE **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: University of A Coruña
Duration in hours: 12 hours
Start-End date: 01/06/2022 - 30/07/2022



- 2** **Title of course/seminar:** Course for updating linguistic skills for teaching in Galician Language (Curso de Actualización de Competencias Lingüísticas CACL UDC)
Goals of the course/seminar: Update of Linguistic Competences for Teaching in Galician Language
Organising entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Servizo de Normalización Lingüística
Duration in hours: 30 hours
Start-End date: 11/10/2021 - 05/11/2021
- 3** **Title of course/seminar:** Quality measurement of teaching plans and teacher's internal validation
Organising entity: Centro Universitario de Formación e Innovación Educativa CUFIE **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: University of A Coruña
Duration in hours: 12 hours
Start-End date: 01/06/2020 - 30/06/2020
- 4** **Title of course/seminar:** Students orientation and mentoring on higher education systems
Organising entity: Centro Universitario de Formación e Innovación Educativa CUFIE **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: University of A Coruña
Duration in hours: 12 hours
Start-End date: 01/05/2020 - 31/05/2020
- 5** **Title of course/seminar:** Active teaching methodologies: Flipped Classroom
Organising entity: Centro Universitario de Formación e Innovación Educativa CUFIE **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: University of A Coruña
Duration in hours: 12 hours
Start-End date: 01/04/2020 - 30/04/2020
- 6** **Title of course/seminar:** Teaching planification on higher education systems
Organising entity: Centro Universitario de Formación e Innovación Educativa CUFIE **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: University of A Coruña
Duration in hours: 12 hours
Start-End date: 01/03/2020 - 31/03/2020
- 7** **Title of course/seminar:** Law regulation and terminology on disability in higher education systems
Organising entity: Centro Universitario de Formación e Innovación Educativa CUFIE **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: University of A Coruña
Duration in hours: 16 hours
Start-End date: 01/02/2020 - 29/02/2020

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	A2	A2	A2	A2	A2
Gallegan	C1	B2	B1	B1	B1
English	C1	C1	B2	B2	C1

Teaching experience

General teaching experience

- 1 Name of the course:** Operating Systems
Type of programme: Engineering
Type of subject: Obligatory
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software
Start date: 01/09/2021 **End date:** 31/08/2023
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 127
Entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Facultad de Informática
Department: Computer Science
- 2 Name of the course:** Requirements Engineering
Type of programme: Engineering
Type of subject: Obligatory
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software
Start date: 01/09/2021 **End date:** 31/08/2023
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 20
Entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Facultad de Informática
Department: Computer Science
- 3 Type of teaching:** Official teaching
Name of the course: Software Development Methodologies
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software
End date: 31/08/2023
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 84
Entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Facultad de Informática
- 4 Name of the course:** Concurrence and Paralellism in Computer Science Systems
Type of programme: Engineering
Type of subject: Obligatory
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software



Start date: 01/09/2021

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 60

Entity: Universidad de La Coruña

Faculty, institute or centre: Facultad de Informática

Department: Computer Science

End date: 31/08/2022

Type of entity: University

5 Name of the course: Operating Systems

Type of programme: Engineering

Type of subject: Obligatory

University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software

Start date: 01/09/2021

End date: 31/08/2022

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 180

Entity: Universidad de La Coruña

Type of entity: University

Faculty, institute or centre: Facultad de Informática

Department: Computer Science

6 Type of teaching: Official teaching

Name of the course: Software Development Methodologies

University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software

End date: 31/08/2022

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universidad de La Coruña

Type of entity: University

Faculty, institute or centre: Facultad de Informática

7 Name of the course: Concurrence and Paralellism in Computer Science Systems

Type of programme: Engineering

Type of subject: Obligatory

University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software

Start date: 01/09/2020

End date: 31/08/2021

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 41

Entity: Universidad de La Coruña

Type of entity: University

Faculty, institute or centre: Facultad de Informática

Department: Computer Science

8 Name of the course: Operating Systems

Type of programme: Engineering

Type of subject: Obligatory

University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software

Start date: 01/09/2020

End date: 31/08/2021

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 229

Entity: Universidad de La Coruña

Type of entity: University

Faculty, institute or centre: Facultad de Informática

Department: Computer Science



- 9** **Type of teaching:** Official teaching
Name of the course: Information Management and Data Engineering for Humanities
Type of programme: Doctorate
Type of subject: Doctorate
University degree: Training Program for PhD Students on Humanities Fields
Start date: 29/10/2019 **End date:** 21/12/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Faculty, institute or centre: Centro Internacional de Estudos de Doutoramento e Avanzados da USC (CIEDUS)
Department: http://www.usc.es/export9/sites/webinstitucional/gl/centros/ciedus/actividades_formativas/PDFs_19-20/1920-3-03.pdf
Funding entity: http://www.usc.es/gl/centros/ciedus/actividades_formativas/actividades_19-20.html
- 10** **Name of the course:** Concurrence and Paralellism in Computer Science Systems
Type of programme: Engineering
Type of subject: Obligatory
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software
Start date: 01/09/2019 **End date:** 31/08/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 60
Entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Facultad de Informática
Department: Computer Science
- 11** **Name of the course:** Operating Systems
Type of programme: Engineering
Type of subject: Obligatory
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software
Start date: 01/09/2019 **End date:** 31/08/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 240
Entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Facultad de Informática
Department: Computer Science
- 12** **Name of the course:** Software development methodologies
Type of programme: Engineering
Type of subject: Obligatory
University degree: Graduado o Graduada en Ingeniería Informática - Ingeniería del Software
Start date: 01/09/2019 **End date:** 31/08/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 12
Entity: Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Facultad de Informática
Department: Computer Science
- 13** **Name of the course:** Information Systems Analysis
University degree: Master's degree in Computer Science
Start date: 01/09/2019 **End date:** 31/08/2020
Type of hours/ ECTS credits: Credits



Hours/ECTS credits: 12

Entity: University of A Coruña

14 Type of teaching: Official teaching

Name of the course: Information Management and Data Engineering for Humanities

Type of programme: Doctorate

Type of subject: Doctorate

University degree: Training Program for PhD Students on Humanities Fields

Start date: 29/10/2019

End date: 21/12/2019

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 20

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Centro Internacional de Estudos de Doutoramento e Avanzados da USC (CIEDUS)

Department: http://www.usc.es/export9/sites/webinstitucional/gl/centros/ciedus/actividades_formativas/PDFs_19-20/1920-3-03.pdf

Funding entity: http://www.usc.es/gl/centros/ciedus/actividades_formativas/actividades_19-20.html

15 Name of the course: Archaeological Information Modelling

Type of programme: Master's degree

Type of subject: Optional

University degree: Master's Degree in Archeology and Ancient Sciences

Start date: 01/09/2018

End date: 30/09/2019

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 3

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Geografía e Historia

City of entity: Santiago de Compostela, Spain

16 Name of the course: Resources and technological tools for lexicography: use and design II

University degree: European Master in Lexicography

Start date: 01/09/2018

End date: 01/09/2019

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 24

Entity: Universidad de Santiago de Compostela

Type of entity: University

17 Type of teaching: Official teaching

Name of the course: Information Management and Data Engineering for Humanities

Type of programme: Doctorate

Type of subject: Doctorate

University degree: Training Program for PhD Students on Humanities Fields

Start date: 29/10/2018

End date: 21/12/2018

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 22

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Centro Internacional de Estudos de Doutoramento e Avanzados da USC (CIEDUS)

Funding entity: <http://www.usc.es/export9/sites/webinstitucional/gl/centros/ciedus/actividadesformativas/1819/1819-3-08.pdf>

18 Type of teaching: Official teaching

Name of the course: Archaeological Information Modelling

Type of programme: Master's degree



Type of subject: Optional

University degree: Master's Degree in Archeology and Ancient Sciences

Start date: 01/09/2017

End date: 30/09/2018

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 12

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Geografía e Historia

City of entity: Santiago de Compostela, Spain

19 Type of teaching: Official teaching

Name of the course: Archaeological Information Modelling

Type of programme: Master's degree

Type of subject: Optional

University degree: Master's Degree in Archeology and Ancient Sciences

Start date: 01/09/2016

End date: 30/09/2017

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 12

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Geografía e Historia

City of entity: Santiago de Compostela, Spain

20 Type of teaching: Official teaching

Name of the course: Archaeological Information Modelling

Type of programme: Master's degree

Type of subject: Optional

University degree: Master's Degree in Archeology and Ancient Sciences

Start date: 01/09/2015

End date: 01/09/2016

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 12

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Geografía e Historia

City of entity: Santiago de Compostela, Spain

21 Type of teaching: Official teaching

Name of the course: Archaeological Information Modelling

Type of programme: Master's degree

Type of subject: Optional

University degree: Master's Degree in Archeology and Ancient Sciences

Start date: 01/09/2014

End date: 01/09/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 12

Entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Geografía e Historia

City of entity: Santiago de Compostela, Spain

22 Name of the course: Teaching credits in Final Degree Project tutorization

University degree: Master's degree in Archaeology and Ancient Sciences

Start date: 01/09/2014

End date: 30/06/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2,33

Entity: Universidad de Santiago de Compostela

Type of entity: University



- 23** **Type of teaching:** Official teaching
Name of the course: Archaeological Information Modelling
Type of programme: Master's degree
Type of subject: Optional
University degree: Master's Degree in Archeology and Ancient Sciences
Start date: 01/09/2013 **End date:** 01/09/2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 10,5
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Faculty, institute or centre: Facultad de Geografía e Historia
City of entity: Santiago de Compostela, Spain
- 24** **Type of teaching:** Official teaching
Name of the course: Estimation and Software Development Metrics
Type of programme: Engineering
University degree: Master's Degree in Software Engineering
Start date: 01/03/2014
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 64
Entity: Universidad Andrés Bello **Type of entity:** University
Faculty, institute or centre: Facultad de Ingeniería de Viña del Mar.
City of entity: Viña del Mar, Chile

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Web platform for the application and monitoring of data quality metrics in repositories of historical and archaeological collections
Co-director of thesis: Patricia Martin Rodilla; Cesar Gonzalez Perez; Leticia Tobalina Pulido
Student: Sara García Senra
Obtained qualification: 7.80
Date of reading: 06/07/2022
- 2** **Project title:** Musical information retrieval system for Galician folklore pieces: indexing and retrieval based on acoustic similarity metrics
Type of project: End of course project
Co-director of thesis: Patricia Martin Rodilla; Miguel Anxo Pérez Vila
Entity: University of A Coruña
Student: Víctor Vázquez Morelle
Obtained qualification: 10/10 with honours
Date of reading: 04/07/2022
- 3** **Project title:** Study for the early detection of depression on Twitter applying multilingual detection algorithms
Type of project: End of course project
Entity: University of A Coruña
Student: Héctor Silva Martínez
Obtained qualification: 9
Date of reading: 04/07/2022



- 4** **Project title:** An audio speech analysis tool for providing automatic feedback to learners in Spanish pronunciation
<https://www.udc.gal/en/tfe/traballo/?codigo=24025>
Type of project: End of course project
Co-director of thesis: Patricia Martin Rodilla; Nelly Condori
Entity: Universidad de La Coruña **Type of entity:** University
Student: Tamara Couto Fernández
Obtained qualification: 9.5
Date of reading: 25/11/2021
- 5** **Project title:** Web application for visual analysis of information retrieval referencie collections from social media on cultural heritage
Type of project: End of course project
Co-director of thesis: Patricia Martin Rodilla
Entity: Universidad de La Coruña **Type of entity:** University
Student: Martín Fernández Fernández
Obtained qualification: 8.6
Date of reading: 24/09/2021
- 6** **Project title:** Social Big Data and mental illnesses: Automatic application of new discursive techniques to collections of social networks in contexts of mental illness.
Type of project: Master thesis
Co-director of thesis: David Losada; Patricia Martin Rodilla
Entity: University of Santiago de Compostela **Type of entity:** University
Student: Raúl Alberto Barrantes Pampillo
Date of reading: 17/02/2021
- 7** **Project title:** Web application for automatic classification and visualization of Twitter political bots
Type of project: Bachelor thesis/Final Degree Project
Co-director of thesis: Patricia Martín Rodilla
Entity: University of A Coruña **Type of entity:** University
Student: Carlos Fraiz Ares
Date of reading: 25/09/2020
- 8** **Project title:** Web tool for comparative information visualization and expert annotation of social networks documents produced in mental illnesses contexts
Type of project: Bachelor thesis/Final Degree Project
Co-director of thesis: Patricia Martín Rodilla; David Otero Freijeiro
Entity: University of A Coruña **Type of entity:** University
Student: Mario Juan Santana Irausquin
Date of reading: 25/09/2020
- 9** **Project title:** Characterization and automatic user profiling for early risk detection of mental illnesses from social networks
Type of project: Master thesis
Co-director of thesis: Patricia Martín Rodilla; Javier Parapar López
Entity: University of A Coruña **Type of entity:** University
Student: Paloma Piot Pérez-Abadín
Date of reading: 25/09/2020



- 10 Project title:** Collaborative technological platform for music festivals management
Type of project: Master thesis
Co-director of thesis: Javier Parapar López; Patricia Martín Rodilla
Entity: University of A Coruña **Type of entity:** University
Student: Diego Sánchez Lamas
Date of reading: 25/09/2020

Student tutorials

- 1 Name of the programme:** External supervisor students Applied Linguistics Master Official Internships at CiTIUS-USC
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Number of recognized hours/ECTS credits: 140
Number of tutored students: 2
- 2 Name of the programme:** Students support for master in archeology máster degree. 6 créditos
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Number of recognized hours/ECTS credits: 3
- 3 Name of the programme:** Students support for master in archeology máster degree. 6 créditos
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Number of recognized hours/ECTS credits: 6
- 4 Name of the programme:** Students support for master in archeology máster degree. 6 créditos
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Number of recognized hours/ECTS credits: 6
- 5 Name of the programme:** Students support for the Operating Systems subject (Computer Science Degree): 6 hours/week
Entity: Universidad de La Coruña **Type of entity:** University
Number of recognized hours/ECTS credits: 90
Number of tutored students: 160
- 6 Name of the programme:** Supervisor for the project "Supercorrector: corrección y evaluación automática de textos mediante la construcción de gramáticas formales" CiTIUS-USC summer grants
Entity: Universidad de Santiago de Compostela **Type of entity:** University
Number of recognized hours/ECTS credits: 150
Number of tutored students: 1

Teaching experience in courses and seminars for university teacher training

- 1 Type of event:** Seminar
Name of the event: Common languages between disciplines. In seminar: "transdisciplinary projects in humanities and informatics: improving collaboration between disciplines". <https://bit.ly/3GQEDuv>
Organising entity: FUNDACION EMPRESA-UNIVERSIDAD DE NAVARRA
Teaching date: 29/10/2021
Type of participation: Participatory - invited/keynote talk



- 2** **Type of event:** Conference
Name of the event: Trabajando desde, con y para humanos: inteligencia semántica en software para contextos de generación de conocimiento
Organising entity: Universidad de Santiago de Compostela **Type of entity:** University
Aims of the course: Conferencia dentro del programa CiTIUS-USC Research Insider
Hours of teaching: 1
Teaching date: 19/06/2019
- 3** **Name of the event:** Discovering beyond our narratives: software assisted knowledge generation from cultural heritage sources
City organizing entity: Koln, Germany
Organising entity: Faculty of Arts and Humanities, Köln University **Type of entity:** University
Hours of teaching: 4 **Teaching language:** English
Teaching date: 12/12/2018
Type of participation: Participatory - invited/keynote talk
- 4** **Type of event:** Seminar
Name of the event: Investigación Interdisciplinar en Lenguaje e Ingeniería Software
Organising entity: Universidad Politécnica de Valencia **Type of entity:** University
Hours of teaching: 4
Teaching date: 16/11/2018
- 5** **Type of event:** Seminar
Name of the event: When glass ceiling and interdisciplinary research barriers converge: experiences on Software Engineering and Cultural Heritage
Organising entity: Marie Skłodowska-Curie Actions Innovative Training Networks Project "Critical Heritage Studies and the Future of Europe – CHEurope". Summer School
Teaching language: English
Teaching date: 28/06/2018
Type of participation: Participatory - invited/keynote talk
- 6** **Type of event:** Curso on-line
Name of the event: On-line postgraduate course: Conceptual Modelling for Cultural Heritage
Organising entity: UNED Foundation, Digital humanities Innovation Laboratory (LINDH-UNED) and Institute of Heritage Sciences
Hours of teaching: 400
Teaching date: 01/10/2015
- 7** **Type of event:** Seminar
Name of the event: Digital curation of archaeological knowledge ARIADNE Summer School
http://summerschool.dcu.gr/?page_id=21
City organizing entity: Athenas, Greece
Organising entity: Digital Curation Unit, IMIS-Athena Research Centre
Aims of the course: Summer school, participation as member of the Experts' Forum. 12-17 Junio 2015
Teaching language: English
Teaching date: 12/06/2015
Type of participation: Participatory - invited/keynote talk



- 8** **Type of event:** Seminar
Name of the event: Seminar “Conceptual Modelling for Cultural Heritage: Utility, Strategies & Potential”
Organising entity: National Center for Preservation and Restoration. Santiago de Chile. Chile. **Type of entity:** State agency
Hours of teaching: 10
Teaching date: 07/05/2014
- 9** **Type of event:** Curso
Name of the event: Course: “Conceptual Modelling for Cultural Heritage”.
Organising entity: Research Group: Grupo de Investigación en Patrimonio Construido (GPAC) de la Universidad del País Vasco (UPV/EHU) y la Fundación Zain
Hours of teaching: 30
Teaching date: 06/2012
- 10** **Type of event:** Curso
Name of the event: Postgraduate Course: “Introduction for Conceptual Modelling for Cultural Heritage.”
Organising entity: Spanish National Research Council. (Programa de Cursos de Especialización y de Alta Especialización del CSIC)
Hours of teaching: 60
Teaching date: 04/2012

Educational or pedagogical publications, books, articles, etc.

- 1** Patricia Martín Rodilla; Javier Parapar; Álvaro Barreiro García. García Naya, J.A. (ed.) (2021). Contextos universitarios transformadores: a nova normalidade académica. Leccións aprendidas e retos de futuro. V Xornadas de Innovación Docente. Cufie. Universidade da Coruña. A Coruña. DOI: <https://doi.org/10.17979/spudc.9788497498180>, V Xornadas de Innovación Docente na UDC. Centro Universitario de Formación e Innovación Educativa (CUFIE). 6, pp. 233 - 248. (Spain): Available on-line at: https://www.udc.es/en/cufie/INNOVACION/xornada_innovacion/V-Xornadas-de-Innovacion-Docente-na-UDC/.
Name of the materials: Protocolo de autoevaluación e impacto frente a técnicas tradicionales en la docencia práctica de Sistemas Operativos
Date of drafting: 28/05/2102
Format: Book
Justification of material: UDC
https://www.udc.es/en/cufie/INNOVACION/xornada_innovacion/V-Xornadas-de-Innovacion-Docente-na-UDC/
Corresponding author: Yes
- 2** Patricia Martín Rodilla. 2019.
Name of the materials: Gestión de Información: directrices básicas para alumnos de doctorado en Humanidades y CC.SS. y jurídicas
Date of drafting: 20/12/2018
Justification of material: Material for the doctorate program course: <http://www.usc.es/export9/sites/webinstitucional/gl/centros/ciedus/actividadesformativas/1819/1819-3-08.pdf>
Corresponding author: Yes
- 3** César González Pérez; Patricia Martín Rodilla. 29 Vídeo-tutoriales MCPC,
Name of the materials: Curso MCPC on Vimeo
Date of drafting: 18/03/2016
Justification of material: <https://vimeo.com/user44469689> <https://vimeo.com/user44469689/videos>



- 4** Patricia Martín Rodilla; César González Pérez. Unidades Didácticas MCPC on-line,
Name of the materials: Unidades Didácticas MCPC on-line
Date of drafting: 01/10/2015
- 5** Charlotte Hug; César González Pérez; Patricia Martín Rodilla. Ejercicios versión 1.4.5,
Name of the materials: Ejercicios ConML
Date of drafting: 22/11/2013
Format: Manual
Justification of material: <http://www.conml.org/Documents/Ejercicios%20ConML.pdf>
- 6** Charlotte Hug; César González Pérez; Patricia Martín Rodilla. Ejercicios con Soluciones versión 1.4.5,
Name of the materials: Ejercicios ConML Soluciones
Date of drafting: 22/11/2013
Format: Manual
Justification of material: <http://www.conml.org/Documents/Ejercicios%20ConML%20con%20Soluciones.pdf>

Participation in innovative teaching projects

Project title: UDC Teaching Innovation Groups: GIE Group on Computational Systems for Information Accesibility
Type of participation: Team member
Name of the main researcher: Álvaro Barreiro García
Funding entity: University of A Coruña **Type of entity:** University
Start date: 01/09/2020

Other activities/achievements not included above

- 1** **Description of the activity:** 2020/2021 Academic Year: Secretary and member of tribunal defenses of final projects for Ms.C. in Sogtware Engineeering. (Master Universitario en Ingeniería Informática, MUEI)
Organising entity: Universidad de La Coruña **Type of entity:** University
End date: 22/11/2021
- 2** **Description of the activity:** 2019/2020 Academic Year: Secretary and member of tribunal defenses of final projects for Ms.C. in Sogtware Engineeering. (Master Universitario en Ingeniería Informática, MUEI)
Organising entity: Universidad de La Coruña **Type of entity:** University
End date: 24/09/2020
- 3** **Description of the activity:** On-line teacher in on-line courses from 2011 to 2014: on-demand courses for companies in Android mobile development. Chocosoft S.L. and Enclave Formación S.L.
Organising entity: ENCLAVE FORMACION; S.L
End date: 2014
- 4** **Description of the activity:** 2015/2016 Academic Year: Secretary and member of tribunal defenses of final projects for Ms.C. in Archeology and Sciences of the Antiquity
Organising entity: University of Santiago de Compostela
- 5** **Description of the activity:** 2016/2017 Academic Year: Secretary and member of tribunal defenses of final projects for Ms.C. in Archeology and Sciences of the Antiquity
Organising entity: University of Santiago de Compostela



Most relevant contributions of your teaching CV

- Description:** Course "Conceptual Modelling for Cultural Heritage", on-line. First completely on line course about conceptual modelling and information treatment or humanities profesionales in Spanish, for Spain and Iberoamerica community. I have also co-developed pedagogical material for the course, both exercises dossiers and video-tutorials.

Organising entity: FUNDACION DEL PATRONATO DE ENSEÑANZA SUP. A DISTANCIA (UNED)
- Description:** International teaching experience: See teaching experience parts for specific information about international teaching experience in postgraduates levels in Chile, seminars in Sydney, Chile, France, Portugal, Germany. I gave also lectures and workshops (see R&D activities organization) during my CAA conference contributions in China, UK, Australia, France, Italy, Norway, EEUU, Poland, and recently I organized tutorials for ADHO conferences
- Description:** Subject/University Course "Archaeological Modelling": Every year since 2013/2014 I co-teach the subject "Modeling of Archaeological Information" (with a total of 10,5 ECTS per year of personal teaching between classes and tutorials, as well as I participate in the final project courts of the students). The master's course, created by us, is a pioneer in its area, since it is the only case known in Spain in which professional software engineers teach advanced content of information modeling and representation in software systems of patrimonial information in the university system.

Organising entity: Universidad de Santiago de Compostela

Type of entity: University

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- Name of the project:** Hybrid Intelligence to monitor, promote and analyse transformations in good democracy practices (HYBRIDS)

Entity where project took place: University of A Coruña

Name principal investigator (PI, Co-PI...): Patricia Martín Rodilla

Name of the programme: HORIZON-TMA-MSCA-DN 2022

Code according to the funding entity: 101073351

Start-End date: 01/01/2023 - 01/01/2027

Duration: 4 years

Total amount: 2.635.012 €

Sub-project amount: 251.971 €
- Name of the project:** Big-eRisk: Early Prediction fo personal risks on massive data

Entity where project took place: University of A Coruña

City of entity: A Coruña, Galicia, Spain

Name principal investigator (PI, Co-PI...): Javier Parapar Lopez

Funding entity or bodies: Ministerio de Ciencia e Innovación

Type of entity: Spanish Government

Start-End date: 01/12/2021 - 30/11/2024

Total amount: 253.130,8 €

- 3** **Name of the project:** Heritage 3.0: Argumentation and Conceptual Modelling for Enhanced Cultural Heritage Participation and Management Policies
Entity where project took place: Institute of Heritage Sciences
Type of entity: Public Research Body
City of entity: Santiago de Compostela, Spain
Name principal investigator (PI, Co-PI....): Cesar Gonzalez Perez
Nº of researchers: 30
Funding entity or bodies: Agencia Estatal de Investigación (Spanish National Research Agency)
Type of entity: Public Research Body
Start-End date: 01/09/2021 - 31/08/2024
Total amount: 66.550 €
- 4** **Name of the project:** Saving European Archaeology from the Digital Dark Age (SEADDA) COST ACTION
Type of project: Research and development, including transfer
Entity where project took place: University of York
Name principal investigator (PI, Co-PI....): Julian Richards
Nº of researchers: 58
Name of the programme: <https://www.cost.eu/actions/CA18128/>
Start-End date: 2019 - 2023
Duration: 4 years
- 5** **Name of the project:** TECHNOLOGIES FOR THE EARLY PREDICTION OF RISK SIGNS RELATED TO PSYCHOLOGICAL DISORDERS (TECNOLOGIAS PARA LA PREDICCIÓN TEMPRANA DE SIGNOS RELACIONADOS CON TRASTORNOS PSICOLÓGICOS)
Entity where project took place: Universidad de Santiago de Compostela
Type of entity: University
Name principal investigator (PI, Co-PI....): David Enrique Losada Carril; Juan Carlos Pichel Campos
Name of the programme: CONVOCATORIA 2018 DE PROYECTOS I+D+i «RETOS INVESTIGACIÓN» DEL PROGRAMA ESTATAL DE I+D+i ORIENTADA A LOS RETOS DE LA SOCIEDAD
Code according to the funding entity: RTI2018-093336-B-C21
Start-End date: 01/01/2019 - 31/12/2021
Total amount: 70.301 €
- 6** **Name of the project:** AXUDAS PARA A CONSOLIDACIÓN E ESTRUTURACIÓN DE UNIDADES DE INVESTIGACIÓN COMPETITIVAS. GPC CONSELLERIA DE EDUCACIÓN, UNIVERSIDADE E FORMACIÓN PROFESIONAL
Entity where project took place: University of A Coruña
Type of entity: University
City of entity: A Coruña, Spain
Name principal investigator (PI, Co-PI....): Álvaro Barreiro García
Nº of researchers: 10
Funding entity or bodies: Junta de Galicia
Type of entity: Regional Government
Start-End date: 01/01/2019 - 20/11/2021
- 7** **Name of the project:** MARIOL, Heritage 2.0: Abstract Reference Models for Information on Cultural Heritage
Entity where project took place: INSTITUTO DE CIENCIAS DEL PATRIMONIO
Type of entity: State agency
Name principal investigator (PI, Co-PI....): César González Pérez
Nº of researchers: 8



Name of the programme: I+D+i PROGRAMA DE I+D+i ORIENTADA A LOS RETOS DE LA SOCIEDAD 2013

Code according to the funding entity: HAR2013-41653-R

Start-End date: 02/2014 - 02/2017

Total amount: 108.000 €

Applicant's contribution: Researcher: information modelling and cultural heritage information management. Design of the case studies for the research project, design of the empirical experiments and validation experiences with cultural heritage professionals.

8 Name of the project: ARIADNE: Advanced Research Infrastructure for Archaeological Dataset Networking in Europe

Entity where project took place: INSTITUTO DE CIENCIAS DEL PATRIMONIO **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Franco Niccolucci

N° of researchers: 150

Name of the programme: Call FP7-INFRASTRUCTURES-2012-1 VII MARCO Program Research European Commission

Code according to the funding entity: 313193

Start-End date: 02/2013 - 02/2017

Total amount: 6.499.652 €

Applicant's contribution: Research in application of techniques of natural language processing to reports and cultural heritage textual documentation from the project. Creation of computerized linguistic models and techniques for processing, analysis, comprehension and dissemination.

9 Name of the project: PROYECTO RCINDIM (Centro Nacional de Investigación para la Gestión Integrada de Desastres Naturales - National Research Center for Integrated Natural Disasters Management).

Entity where project took place: Universidad Andrés Bello **Type of entity:** University

City of entity: Santiago de Chile,

N° of researchers: 50

Funding entity or bodies:

CONICYT - Comisión Nacional de Investigación Científica y Tecnológica - Ministerio de Educación, Chile. **Type of entity:** State agency

Name of the programme: Conicyt FONDAP Fondo de Financiamiento de Centros de Investigación en Áreas Prioritarias

Code according to the funding entity: CONICYT/FONDAP/15110017

Start-End date: 01/2013 - 02/2017

Applicant's contribution: Development of a data model for the treatment of smart cities prior information for the prevention of natural disasters.

10 Name of the project: Textura, sub-proyecto Consolider TCP ("Tecnologías para la conservación y valorización del Patrimonio Cultural")

Entity where project took place: INSTITUTO DE CIENCIAS DEL PATRIMONIO **Type of entity:** State agency

Funding entity or bodies:

Comisión Europea **Type of entity:** ERC Consolider

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 01/2007 - 02/2013

Total amount: 5.000.000 €

Applicant's contribution: Incipit-CSIC internal project in requirements elicitation, design, implementation and implementation of software tools based on previous developments of models for cultural heritage



information. Software systems design tasks, coordination of the development team and development of cultural heritage case studies for testing.

- 11 Name of the project:** MIRFOL (Metodoloxía Integral Para A Representación Formal Do Patrimonio Cultural).
Entity where project took place: INSTITUTO DE CIENCIAS DEL PATRIMONIO **Type of entity:** State agency
City of entity: Spain
Name principal investigator (PI, Co-PI....): César González Pérez
N° of researchers: 11
Funding entity or bodies: XUNTA DE GALICIA
City funding entity: Spain
Name of the programme: programa INCITE - Xunta de Galicia-
Code according to the funding entity: 09SEC002606PR
Start-End date: 09/2009 - 09/2012
Total amount: 50.002 €
Applicant's contribution: Development of software models for the management and exploitation of cultural heritage information.
- 12 Name of the project:** SAKG: Software-Assisted Knowledge Generation in the Cultural Heritage Domain: A Conceptual Framework
Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Start date: 01/10/2011
Applicant's contribution: Doctoral Thesis.
- 13 Name of the project:** T-Sensitive: sistema Multiagente para el cuidado y supervisión de pacientes en centros de dependencia
Entity where project took place: Universidad de Salamanca **Type of entity:** University
Name principal investigator (PI, Co-PI....): Juan Manuel Corchado
Funding entity or bodies: MINISTERIO DE EDUCACION Y CIENCIA
City funding entity: Spain
Applicant's contribution: Software innovation in systems for designing and development of multiagent systems for the care and supervision of patients in dependency centers

R&D non-competitive contracts, agreements or projects with public or private entities

- 1 Name of the project:** Project SIDCA: Multi-agent system for detecting elderly people falls through mobile devices
Degree of contribution: Current university student
Name principal investigator (PI, Co-PI....): Javier Bajo Pérez
N° of researchers: 4
Funding entity or bodies: Caja Duero **Type of entity:** Business
Start date: 01/01/2010 **Duration:** 6 months



- 2 Name of the project:** Project “Ayuda Global” (Software Rules-based system for an inter-cooperative system for NGO’s.)
Degree of contribution: Current university student
Name principal investigator (PI, Co-PI....): José Antonio de la Varga y Ávila
Nº of researchers: 6
Participating entity/entities: Universidad Pontificia de Salamanca
Funding entity or bodies:
Caja Duero **Type of entity:** Business
Start date: 01/11/2008

Results

Industrial and intellectual property

- 1 Title registered industrial property:** Plugin para el análisis fonético-fonológico en español. PAFe
Inventors/authors/obtainers: Tamara Couto Fernández; Albina Sarymsakova; Nelly Condori; Patricia Martín Rodilla
Entity holder of rights: University of A Coruña
Reference/registry code: C-140-2022
Country of inscription: Spain
Date of register: 06/04/2022
- 2 Title registered industrial property:** Software SIDCA: Multi-agent system for detecting elderly people falls through mobile devices
Inventors/authors/obtainers: Javier Bajo Pérez; Vidal Alonso Sécades; Manuel Delgado Rubio; Laura Álvarez Bautista; Patricia Martín Rodilla; Miguel Sánchez Marcos
Entity holder of rights: Fundación Caja Duero - Universidad Pontificia de Salamanca
Nº of application: SA-154-10
Country of inscription: Spain, Castile and León
Date of register: 2011
Conferral date: 2011
- 3 Title registered industrial property:** Software “Ayuda Global” (Software Rules-based system for an inter-cooperative system for NGO’s.)
Inventors/authors/obtainers: Miguel Angel Sánchez Vidales; María Encarnación Beato Gutiérrez; José Antonio de la Varga y Ávila; Arantxa Castro Alonso; Belinda Carrera Porras; Patricia Martín Rodilla; Laura Álvarez Bautista; Francisco Javier Cuenca Serrano
Entity holder of rights: Fundación Caja Duero - Universidad Pontificia de Salamanca
Nº of application: SA-138-09
Country of inscription: Spain, Castile and León
Date of register: 2010
Conferral date: 2010



Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1 Patricia Martin Rodilla; César González Pérez. Same Text, Same Discourse? Empirical Validation of a Discourse Analysis Methodology for Cultural Heritage. Digital Scholarship in the Humanities Journal DSH (Accepted, In press). Oxford University Press <https://academic.oup.com/dsh>, 2022.

Type of production: Scientific paper **Format:** Journal

Position of signature: 1

Total no. authors: 2 **Corresponding author:** Yes

Impact source: ISI

Impact index in year of publication: 0.894

Impact source: SCOPUS **Category:**
<https://www.scimagojr.com/journalsearch.php?q=211004651>

Impact index in year of publication: Q1 **Journal in the top 25%:** Yes
- 2 David Otero; Patricia Martin Rodilla; Javier Parapar Lopez. Building Cultural Heritage Reference Collections from Social Media through Pooling Strategies: The case of 2020's tensions over race and heritage. Journal on Computing and Cultural Heritage. 15 - 1, pp. 1 - 13. Santiago de Compostela(Spain): ACM, 14/12/2021. Available on-line at: <<https://dl.acm.org/doi/abs/10.1145/3477604>>. ISSN 1556-4673

DOI: <https://doi.org/10.1145/3477604>

Type of production: Scientific paper **Format:** Journal

Corresponding author: Yes

Impact source: ISI

Impact index in year of publication: 2.02
- 3 Berta García Orosa; Pablo Gamallo; Patricia Martin Rodilla; Rodrigo Martínez Castaño. Hybrid Intelligence Strategies for Identifying, Classifying and Analyzing Political Bots. Social Sciences Journal. 10 - 10, pp. 357. (Spain): MDPI, 27/09/2021.

Type of production: Scientific paper
- 4 Patricia Martin Rodilla; Miguel Sánchez Marcos. Software Support for Discourse-Based Textual Information Analysis: A Systematic Literature Review and Software Guidelines in Practice. Information. 11 - 5, pp. 256. MDPI, 07/05/2020. Available on-line at: <<https://www.mdpi.com/2078-2489/11/5/256>>.

DOI: <https://doi.org/10.3390/info11050256>

Type of production: Scientific paper **Format:** Journal

Position of signature: 1

Corresponding author: Yes

Impact source: SCOPUS
- 5 Patricia Martin Rodilla; Marcia Hattori; César González Pérez. Assisting Forensic Identification through Unsupervised Information Extraction of Free Text Autopsy Reports: The Disappearances Cases during the Brazilian Military Dictatorship. INFORMATION. 10 - 7, pp. 231. 2019. ISSN 2078-2489

DOI: <https://doi.org/10.3390/info10070231>



Type of production: Scientific paper
Impact source: SCOPUS

Format: Journal

- 6** Patricia Martín Rodilla; César González Pérez. Conceptualization and Non-Relational Implementation of Ontological and Epistemic Vagueness of Information in Digital Humanities. INFORMATICS-BASEL. 6 - 2, pp. 20. 2019. ISSN 2227-9709

DOI: <https://doi.org/10.3390/informatics6020020>

Type of production: Scientific paper

Format: Journal

Impact source: SCOPUS

- 7** A. Ramos-Soto; P. Martín-Rodilla. Enriching linguistic descriptions of data: A framework for composite protoforms. Fuzzy Sets and Systems. 2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0165011419305081>>. ISSN 0165-0114

DOI: <https://doi.org/10.1016/j.fss.2019.11.013>

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, THEORY & METHODS

Impact index in year of publication: 2.907

Journal in the top 25%: Yes

Position of publication: 21

No. of journals in the cat.: 105

- 8** Patricia Martín Rodilla; César González Pérez. Metainformation Scenarios in Digital Humanities: Characterisation and Conceptual Modelling Strategies (In review). Information Systems. pp. 29 - 48. Elsevier, 2019.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Information Systems

Impact index in year of publication: 2.066

Position of publication: 82

No. of journals in the cat.: 155

- 9** Patricia Martín Rodilla; Jose Ignacio Panach; César González Pérez; Oscar Pastor López. Assessing data analysis performance in research contexts: an experiment on accuracy, efficiency, productivity and researchers' satisfaction. Data & Knowledge Engineering (DKE). 116, pp. 177 - 204. Elsevier, 07/2018. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0169023X16303512>>.

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 4

Corresponding author: Yes

Impact source: SJR 2015

Impact index in year of publication: 1.258

Relevant results: JCR Q1 DOI:<https://doi.org/10.1016/j.datak.2018.06.003>

- 10** Patricia Martín Rodilla; César González Pérez. A Modelling Language for Discourse: Analysis in Humanities: Definition, Design, Validation and First Experiences. Revista de humanidades Digitales. UNED.UNED., 2017. Available on-line at: <<http://revistas.uned.es/index.php/RHD>>. ISSN 2531-1786

DOI: <https://doi.org/10.5944/rhd.vol.1.2017.16133>

Type of production: Scientific paper

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

- 11** César González Pérez; Patricia Martín Rodilla. Teaching Conceptual Modelling in Cultural Heritage. Revista de humanidades Digitales. UNED.UNED., 2017. Available on-line at: <<http://revistas.uned.es/index.php/RHD>>. ISSN 2531-1786

DOI: <http://revistas.uned.es/index.php/RHD/article/view/16128>

Type of production: Scientific paper **Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

- 12** Patricia Martín Rodilla. HCI Research. SAS Encyclopedia of Archaeological Sciences. López Varela, S. (Ed.). Wiley Editorial, 2018. ISBN 978-0-470-67461-1
Type of production: Encyclopaedia article **Format:** Book
Degree of contribution: Author or co-author of chapter in book
Relevant results: Contribution to the encyclopedia by invitation. Previous blind peer review of the contribution.
- 13** Javier Parapar Lopez; Patricia Martin Rodilla; David Losada Carril; Fabio Crestani. Experimental IR Meets Multilinguality, Multimodality, and Interaction. Overview of eRisk 2022: Early Risk Prediction on the Internet. 13390, Lecture Notes in Computer Science series, Springer, 31/08/2022. ISBN 978-3-031-13642-9
Type of production: Book chapter **Format:** Book
- 14** Paloma Piot Perez-Abadin; Patricia Martin Rodilla; Javier Parapar. Gender Classification Models and Feature Impact for Social Media Author Profiling. Evaluation of Novel Approaches to Software Engineering. ENASE 2021. Communications in Computer and Information Science. Ali R., Kaindl H., Maciaszek L.A. (eds). 1556, Springer, Cham., 2022. Available on-line at: <., Martin-Rodilla P., Parapar J.>.
DOI: https://doi.org/10.1007/978-3-030-96648-5_12
Type of production: Book chapter **Format:** Book
Position of signature: 2
Total no. authors: 3
- 15** Cesar Gonzalez Perez; Patricia Martín Rodilla. Conceptual Modeling. ER 2017. .An Alternative Approach to Metainformation Conceptualisation and Use. pp. 92 - 105. Mayr H., Guizzardi G., Ma H., Pastor O. (eds) Springer, Cham, 21/10/2017. Available on-line at: <https://link.springer.com/chapter/10.1007/978-3-319-69904-2_8>. ISBN 978-3-319-69903-5
DOI: https://doi.org/10.1007/978-3-319-69904-2_8
Type of production: Book chapter **Format:** Book
- 16** César González Pérez; Patricia Martin Rodilla. A Metamodel and Code Generation Approach for Symmetric Unary Associations. Proceedings of 11th IEEE International Conference on Research Challenges in Information Science, RCIS 2017, Brighton, UK.(In press), 2017.
Type of production: Book chapter
- 17** César González Pérez; Patricia Martín Rodilla; Elena Viorica Epure. Formalisation and Reuse of Methodological Knowledge for Archaeology across European Organizations. Exploring oceans of data. 44th Computer Applications and Quantitative Methods in Archaeology Conference. In press, 2017.
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 18** Patricia Martín Rodilla; César González Pérez; Patricia Mañana Borrazás. A conceptual and visual proposal to decouple material and interpretive information about stratigraphic data. Keep the Revolution Going. Proceedings of the 43rd Annual Conference on Computer Applications and Quantitative Methods in Archaeology. 1, pp. 201 - 212. Oxford(United Kingdom): S. Campana, R. Scopigno, G. Carpentiero & M. Cirillo (eds). Archaeopress, 2016. Available on-line at: <<http://archaeopress.com/ArchaeopressShop/Public/displayProductDetail.asp?id={27710CAF-069B-43D3-A53B-4BB1A293F456}>>>. ISBN 9781784913380
Type of production: Book chapter
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 3



- 19** Patricia Martín Rodilla; César González Pérez. Extracting static and dynamic model elements from textual specifications in humanities. TEEM '16 Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality. 1, pp. 949 - 955. ACM, 2016. Available on-line at: <<http://doi.acm.org/10.1145/3012430.3012528>>. ISBN 978-1-4503-4747-1
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 20** Patricia Martín Rodilla; César González Pérez. Understanding User Behavior in Textual Analysis: A Thinking Aloud Approach for Digital Humanities Research Contexts. TEEM '16 Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality. 1, pp. 269 - 276. ACM, 2016. Available on-line at: <<http://doi.acm.org/10.1145/3012430.3012528>>. ISBN 978-1-4503-4747-1
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 21** César González Pérez; Patricia Martín Rodilla. Using Model Views to Assist with Model Conformance and Extension. Tenth IEEE International Conference on Research Challenges in Information Science, RCIS 2016, Grenoble, France, June 1-3, 2016. pp. 1 - 6. 2016. Available on-line at: <<http://ieeexplore.ieee.org/document/7549349/>>. ISBN 978-1-4799-8710-8
Type of production: Book chapter **Format:** Book
- 22** Patricia Martín Rodilla. An Empirical Approach to the Analysis of Archaeological Discourse. Across Space and Time. Selected Papers from the 41st Computer Applications and Quantitative Methods in Archaeology Conference (Perth, WA, 25-28 March 2013). 1, pp. 319 - 325. A. Traviglia (ed.). Amsterdam University Press, 17/08/2015. Available on-line at: <<http://en.aup.nl/books/9789089647153-across-space-and-time.html>>. ISBN 9789089647153
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 23** César González Pérez; Patricia Martín Rodilla; Rebeca Blanco Rotea. Expressing Temporal and Subjective Information about Archaeological Entities. Across Space and Time. Selected Papers from the 41st Computer Applications and Quantitative Methods in Archaeology Conference (Perth, WA, 25-28 March 2013). 1, pp. 326 - 335. A. Traviglia (ed.). Amsterdam University Press, 17/08/2015. Available on-line at: <<http://en.aup.nl/books/9789089647153-across-space-and-time.html>>. ISBN 9789089647153
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 24** César González Pérez; Patricia Martín Rodilla. Integration of Archaeological Datasets through the Gradual Refinement of Models. 21st Century Archaeology. Concepts, methods and tools. Proceedings of the 42nd Annual Conference on Computer Applications and Quantitative Methods in Archaeology. pp. 193 - 204. Oxford (United Kingdom): F. Giligny, F. Djindjian, L. Costa, P. Moscati and S. Robert (Eds.). Archaeopress, 2015. Available on-line at: <<http://www.archaeopress.com/ArchaeopressShop/Public/displayProductDetail.asp?id={30A17C9B-F191-4734-9FD8-74C3F7002F88}>>. ISBN 9781784911003
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 25** Elena Viorica Epure; Patricia Martín Rodilla; Charlotte Hug; Rebecca Deneckère; Camille Salinesi. Process Model Discovery from Textual Methodologies: An Archaeology Case Study. 9th IEEE International Conference on Research Challenges in Information Science (RCIS). Institute of Electrical and Electronics Engineers, 2015. Available on-line at: <<http://ieeexplore.ieee.org/document/7128860/>>. ISBN 978-1-4673-6630-4
Type of production: Book chapter **Format:** Book
Position of signature: 2 **Degree of contribution:** Author or co-author of chapter in book

Total no. authors: 5



- 26** Ramón Álvarez Tapia; Patricia Martín Rodilla; Miguel Sánchez Marcos. Agreement management in conceptualization of new terms in dictionaries: a semantic approach. TEEM '14 Proceedings of the Second International Conference on Technological Ecosystems for Enhancing Multiculturality. 1, pp. 555 - 560. Francisco José García Peñalvo (Ed.). ACM, 2014. Available on-line at: <<http://doi.acm.org/10.1145/2669711.2669955>>. ISBN 978-1-4503-2896-8
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 27** Patricia Martín Rodilla; César González Pérez. An ISO/IEC 24744-Derived Modelling Language for Discourse Analysis. IEEE Eighth International Conference on Research Challenges in Information Science (RCIS), Marrakech, 2014. pp. 1 - 10. Marko Bajec, Martine Collard, Rébecca Deneckère (Eds.), 2014. ISBN 978-1-4799-2393-9
Type of production: Book chapter **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 2
- 28** Patricia Martín Rodilla; José Ignacio Panach; Oscar Pastor López. User Interface Patterns for Rich Applications in the Context of Cultural Heritage Data. IEEE Eighth International Conference on Research Challenges in Information Science (RCIS), Marrakech, 2014. pp. 1 - 10. Marko Bajec, Martine Collard, Rébecca Deneckère (Eds.), 2014. ISBN 978-1-4799-2393-9
Type of production: Book chapter **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 3
- 29** Patricia Martín Rodilla. Software-Assisted Knowledge Generation in the Archaeological Domain: A Conceptual Framework. Proceedings of the Doctoral Consortium of the 25th International Conference on Advanced Information Systems Engineering (CAiSE 2013). 1, Valencia(Spain): Marta Indulska, Barbara Weber (Eds.) EUR Workshop Proceedings Repository, 21/06/2013. Available on-line at: <<http://ceur-ws.org/Vol-1001/paper8.pdf>>.
Type of production: Book chapter **Format:** Scientific and technical document or report
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 30** Patricia Martín Rodilla. Knowledge-assisted Visualization in the Cultural Heritage Domain - Case Studies, Needs and Reflections. Proceedings of the International Conference on Computer Graphics Theory and Applications and International Conference on Information Visualization Theory and Applications. pp. 546 - 549. Sabine Coquillart, Carlos Andújar, Robert S. Laramée, Andreas Kerren, José Braz (Eds.), 2013. ISBN 978-989-8565-46-4
Type of production: Book chapter **Format:** Book
- 31** Ramón Álvarez Tapia; Patricia Martín Rodilla; Ángel Oliva Mangas. Towards a social reader: a mobile application to evaluate e-reading capabilities. Proceedings of the First International Conference on Technological Ecosystem for Enhancing Multiculturality. 1, pp. 381 - 384. Francisco José García Peñalvo (Ed.). ACM, 2013. Available on-line at: <<http://doi.acm.org/10.1145/2536536.2536594>>. ISBN 978-1-4503- 2345-1
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 32** César González Pérez; Patricia Martín Rodilla; César Parceró Oubiña; Pastor Fábrega Álvarez; Alejandro Guzmil Fariña. Extending an Abstract Reference Model for Transdisciplinary Work in Cultural Heritage. Metadata and Semantics Research. Communications in Computer and Information Science Series. 343, pp. 190 - 201. Springer, 2012. ISBN 978-3-642-35232-4
Type of production: Book chapter **Format:** Book
Position of signature: 2 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 5



- 33** Patricia Martín Rodilla. The Role of Software in Cultural Heritage Issues: Types, user needs and design guidelines based on principles of interaction. IEEE Eighth International Conference on Research Challenges in Information Science (RCIS) 2014. 1, pp. 1 - 10. Valencia(Spain): Colette Rolland, Jaelson Castro, Oscar Pastor (Eds.) Institute of Electrical and Electronics Engineers, 2012. ISBN 978-1-4577-1938-7
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
- 34** Miguel Sánchez Marcos; Patricia Martín Rodilla; Laura Álvarez Bautista; Vidal Alonso Sécades; Alberto Pedrero; Carolina Zato; Javier Bajo Pérez. A new adaptive algorithm for detecting falls from mobile devices. Trends in Practical Applications of Agents and Multiagent Systems. Advances in Intelligent and Soft Computing Series. 90, pp. 17 - 24. Corchado Rodríguez, J.M., Bajo Perez, J., Hallenborg, K., Golinska, P., Corchuelo, R. (Eds.) Springer Verlag, 2011. ISBN 978-3-642-19930-1
Type of production: Book chapter **Format:** Book
Position of signature: 2 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 7
- 35** MASSAT Platform: Sistema multiagente de análisis y recomendación en función de perfiles (in Spanish). Avances en Informática y Automática. Quinto Workshop. Máster en Sistemas Inteligentes. pp. 158 - 166. Salamanca(Spain): Alonso, J.L. et al. (Eds). Universidad de Salamanca, 2011. ISBN 978-84-694-8275-9
Type of production: Book chapter **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 2
- 36** Patricia Martín Rodilla; Miguel Sánchez Marcos; Laura Álvarez Bautista; Vidal Alonso Sécades; Javier Bajo Pérez. Multi-agent system for detecting elderly people falls through mobile devices. Ambient Intelligence - Software and Applications. Advances in Intelligent and Soft Computing Series. Springer Verlag, 2011. ISBN 978-3-642-19936-3
Type of production: Book chapter **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 5
- 37** Patricia Martín Rodilla. Digging into Software Knowledge Generation in Cultural Heritage: Modeling Assistance Strategies for Large Archaeological Data Sets. Springer International Publishing, 31/01/2018. Available on-line at: <<https://www.springer.com/us/book/9783319691879>>. ISSN 2196-7326, ISBN 978-3-319-69187-9
Collection: Book Serie: Modeling and Optimization in Science and Technologies Volume 11
Type of production: Scientific book or monograph
- 38** César Gonzalez Perez; Patricia Martin Rodilla; Pereira Fariña Martín. Discourse and Argumentation in Archaeology: Conceptual and Computational Approaches. Discourse and Argumentation in Archaeology: Conceptual and Computational Approaches (Accepted, In press). (Spain): Springer, 2022.
Type of production: Scientific edition **Format:** Book
- 39** Pablo Gamallo; Patricia Martin Rodilla. Special Issue "Hybrid Methods for Natural Language Processing. Electronics. 31/12/2021.
Type of production: Scientific edition
Impact source: ISI **Category:** Science Edition - ENGINEERING, ELECTRICAL & ELECTRONIC
Impact index in year of publication: 2.412
Position of publication: 125 **No. of journals in the cat.:** 266



- 40** INSAP X – Oxford XI - SEAC XXV Conference ROAD TO THE STARS ABSTRACT BOOKLET. INSAP X – Oxford XI. González-García, A. César; Martín-Rodilla, Patricia, Belmonte, Juan A., 10/2017.
Type of production: Scientific edition

Works submitted to national or international conferences

- 1** **Title of the work:** Plugin para la automatización del análisis fonético-fonológico y la obtención de retroalimentación analítica para estudiantes de español
Name of the conference: Sociedad Española del Procesamiento del Lenguaje Natural SEPLN 2022
Type of event: Conference
City of event: A Coruña, Spain
Date of event: 21/09/2022
End date: 23/09/2022
Organising entity: Universidad de La Coruña **Type of entity:** University
Tamara Couto Fernández; Albina Sarymsakova; Nelly Condori; Patricia Martín Rodilla. Available on-line at: <http://ceur-ws.org/Vol-3224/>.
- 2** **Title of the work:** Model Extension and Reinterpretation to Simulate Liskov Compatibility
Name of the conference: Jornadas de la Sociedad de Ingeniería de Software y Tecnologías de Desarrollo de Software (SISTEDES)
City of event: Santiago de Compostela, Spain
Date of event: 05/09/2022
End date: 07/09/2022
Organising entity: Universidad de Santiago de Compostela **Type of entity:** University
- 3** **Title of the work:** Nuevo plugin didáctico para la enseñanza, perfeccionamiento y aprendizaje de la entonación en español
Name of the conference: 2.º Congreso Internacional de ASELE (Asociación para la Enseñanza del Español como Lengua Extranjera).
City of event: Verona, Italy
Date of event: 31/08/2022
Organising entity: Università di Verona
Tamara Couto Fernández; Albina Sarymsakova; Nelly Condori; Patricia Martín Rodilla.
- 4** **Title of the work:** Estrategias de recuperación de información mediante pooling para la construcción de colecciones de referencia desde redes sociales: caso de estudio durante las tensiones raciales de 2020
Name of the conference: V Congreso Internacional de la HDH: Humanidades Digitales Hispánicas
Corresponding author: Yes
City of event: Santiago de Compostela, Spain
Date of event: 04/10/2021
End date: 08/10/2021
Organising entity: Universidad de Santiago de Compostela **Type of entity:** University
City organizing entity: Santiago de Compostela, Spain
Patricia Martín Rodilla; David Otero Freijeiro.
- 5** **Title of the work:** Overview of eRisk 2021: Early Risk Prediction on the Internet
Name of the conference: 12th International Conference of the {CLEF} Association, {CLEF} 2021, September 21-24, 2021, Proceedings

City of event: Bucharest, Romania

Date of event: 21/09/2021

End date: 24/09/2021

Organising entity: University Politechnica of Bucharest

City organizing entity: Bucharest, Romania

Publication in conference proceedings: Yes

Type of contribution: Scientific book or monograph

Javier Parapar López; Patricia Martin Rodilla; David Losada; Fabio Crestani. "Experimental {IR} Meets Multilinguality, Multimodality, and Interaction - 12th International Conference of the {CLEF} Association, {CLEF} 2021, Virtual Event, September 21-24, 2021, Proceedings". pp. 324 - 344. Springer, 24/09/2021. ISBN 978-3-030-85251-1

6 Title of the work: Overview of eRisk at CLEF 2021: Early Risk Prediction on the Internet (Extended Overview)

Name of the conference: 12th International Conference of the CLEF Association, CLEF 2021

City of event: Bucharest, Romania

Date of event: 21/09/2021

End date: 24/09/2021

Organising entity: University Politechnica of Bucharest

City organizing entity: Santiago de Compostela, Spain

Type of contribution: Scientific book or monograph

Javier Parapar; Patricia Martin Rodilla; David E. Losada; Fabio Crestani. "Proceedings of the Working Notes of {CLEF} 2021 - Conference and Labs of the Evaluation Forum, Bucharest, Romania, September 21st - to - 24th, 2021". 2936, pp. 864 - 887. CEUR-WS.org, Available on-line at: <<http://ceur-ws.org/Vol-2936/paper-72.pdf>>.

7 Title of the work: Autoevaluación, co-evaluación y estudio empírico frente a técnicas de evaluación tradicionales en la asignatura de Sistemas Operativo

Name of the conference: XXVII Jornadas sobre la Enseñanza Universitaria de la Informática (JENUI 2021) <https://jenui2021.uv.e>

Corresponding author: Yes

City of event: Valencia, Spain

Date of event: 07/07/2021

End date: 08/07/2021

Organising entity: Universitat de València

Type of entity: University

City organizing entity: Santiago de Compostela, Spain

Patricia Martin Rodilla. "Actas de XXVII Jornadas sobre la Enseñanza Universitaria de la Informática (JENUI 2021)".

8 Title of the work: Experimental Analysis of the Relevance of Features and Effects on Gender Classification Models for Social Media Author Profiling

Name of the conference: ENASE 2021 16th International Conference on Evaluation of Novel Approaches to Software Engineering

Date of event: 26/04/2021

End date: 27/04/2021

Organising entity: INSTICC

Paloma Piot-Abadin; Patricia Martin Rodilla; Javier Parapar. "Proceedings of the 16th International Conference on Evaluation of Novel Approaches to Software Engineering - Volume 1: ENASE".

9 Title of the work: eRisk 2021: Pathological Gambling, Self-Harm and Depression Challenges

Name of the conference: 43rd EUROPEAN CONFERENCE ON INFORMATION RETRIEVAL

City of event: Lucc, Italy



Date of event: 28/03/2021

End date: 01/04/2021

Javier Parapar; Patricia Martin Rodilla; David Losada Carril; Fabio Crestani.

10 Title of the work: Adding Temporal Dimension to Ontology Learning Models for Depression Signs Detection from Social Media Texts

Name of the conference: ENASE 2020 15th International Conference on Evaluation of Novel Approaches to Software Engineering

Type of event: Conference

Corresponding author: Yes

Date of event: 05/05/2020

End date: 06/05/2020

Organising entity: INSTICC

Type of contribution: Scientific paper

Patricia Martin Rodilla. "Proceedings of the 15th International Conference on Evaluation of Novel Approaches to Software Engineering - Volume 1: ENASE, ". ISBN 978-989-758-421-3

DOI: 10.5220/0009351903230330

11 Title of the work: Hacia una conceptualización y representación visual estratigráfica desacoplada: el megalitismo como caso de estudio

Name of the conference: Theoretical Archaeology Group (TAG)

City of event: Lisboa, Portugal

Date of event: 13/02/2020

End date: 15/02/2020

Patricia Martin Rodilla; María Masaguer.

12 Title of the work: Qualifying and Quantifying Uncertainty in Digital Humanities: A Fuzzy-Logic Approach
Name of the conference: Seventh International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 19)

City of event: León, Spain

Date of event: 16/10/2019

End date: 18/10/2019

Organising entity: Universidad de León

Type of entity: University

Publication in conference proceedings: Yes

Patricia Martín Rodilla; Martín Pereira Fariña; César González Pérez.

13 Title of the work: Discovering Agency in Spanish Legal Texts: A natural language processing and conceptual approach to finding legal agents

Name of the conference: IV International Conference Language, Linguistics and Technology

City of event: A Coruña, Spain

Date of event: 09/10/2019

End date: 11/10/2019

Organising entity: Universidad de La Coruña

Type of entity: University

Patricia Martín Rodilla; César González Pérez; Pablo Gamallo.

14 Title of the work: NER and Open Information Extraction for Portuguese: Notebook for IberLEF 2019 Portuguese Named Entity Recognition and Relation Extraction Tasks.

Name of the conference: Iberian Languages Evaluation Forum co-located with 35th Conference of the Spanish Society for Natural Language Processing, IberLEF@SEPLN 2019

City of event: Bilbao, Spain

Date of event: 24/09/2019

Organising entity: Spanish Society for Natural Language Processing

City organizing entity: Spain

Publication in conference proceedings: Yes

Pablo Gamallo; Marcos García González; Patricia Martín Rodilla. pp. 457 - 467.

- 15** **Title of the work:** Discovering Agency in Spanish Legal Texts: a natural language processing and conceptual approach to finding legal agents.
Name of the conference: Digital Humanities Conference 2019
Type of event: Conference
City of event: Utrecht, Holland
Date of event: 09/07/2019
End date: 12/09/2019
Organising entity: Utrecht University
Patricia Martín Rodilla; César González Pérez; Pablo Gamallo.
- 16** **Title of the work:** Identifying Causal Relations in Legal Documents with Dependency Syntactic Analysis
Name of the conference: 8th Symposium on Languages, Applications and Technologies, SLATE 2019
City of event: Coimbra, Portugal
Date of event: 27/06/2019
End date: 28/06/2019
Publication in conference proceedings: Yes
Pablo Gamallo; Patricia Martín Rodilla; Beatriz Calderón. "Ricardo Rodrigues, Jan Janousek, Luís Ferreira, Luísa Coheur, Fernando Batista, Hugo Gonçalo Oliveira: 8th Symposium on Languages, Applications and Technologies, SLATE 2019, June 27-28, 2019, Coimbra, Portugal. OASICS 74, Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik 2019". 20, pp. 1 - 6. ISBN 978-3-95977-114-6
- 17** **Title of the work:** Landscapes of disappearance in São Paulo: data modelling and visual analytics to understand repression practices
Name of the conference: 47th Annual Conference on Computer Applications and Quantitative methods in Archaeology CAA 2019
Type of event: Conference
City of event: Krakow, Poland
Date of event: 23/04/2019
End date: 27/04/2019
Organising entity: University of Krakow
Patricia Martín Rodilla; Marcia L. Hattori; César González Pérez.
- 18** **Title of the work:** Relaciones entre discurso y modelos software de datos: casos de estudio con fuentes textuales en patrimonio cultural
Name of the conference: Corpus y construcciones: perspectivas hispánicas
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Santiago de Compostela, Spain
Date of event: 22/11/2018
End date: 22/11/2018
Organising entity: Universidad de Santiago de Compostela
Type of entity: University
Patricia Martín Rodilla. Available on-line at:
<<http://lingesp.usc.es/?q=es/corpus-y-construcciones-perspectivas-hisp-nicas.html>>.



- 19** **Title of the work:** Representing Imprecise and Uncertain Knowledge in Digital Humanities: A Theoretical Framework and ConML Implementation with a Real Case Study
Name of the conference: Sixth Edition Technological Ecosystems for Enhancing Multiculturality Conference TEEM18
Type of event: Conference
City of event: Salamanca, Spain
Date of event: 24/10/2018
End date: 26/10/2018
Organising entity: University of Salamanca
Publication in conference proceedings: Yes
Patricia Martín Rodilla; César González Pérez.
- 20** **Title of the work:** Dialogue between Experts in Conceptual Modelling of Cultural Heritage
Name of the conference: 7th International Conference on Computational Models of Argument. Workshop Argument & Philosophy
Type of participation: Participatory - oral communication
City of event: Warsaw, Poland
Date of event: 12/10/2018
End date: 14/10/2018
Organising entity: Institute for Philosophy & Sociology at the Polish Academy of Sciences (IFiS PAN)
With external admission assessment committee: Yes
Martín Pereira Fariña; Patricia Martín Rodilla; Cesar Gonzalez Perez. Available on-line at: <http://comma2018.argdiap.pl/workshops/workshop-3/>.
- 21** **Title of the work:** Heritage legal discourse trends: a semiautomatic analysis for supporting critical reading
Name of the conference: 24th Annual Meeting of the European Association of Archaeologists
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 05/09/2018
End date: 08/09/2018
Organising entity: European Association of Archaeologists (EAA)
With external admission assessment committee: Yes
Patricia Martín Rodilla; David Barreiro.
- 22** **Title of the work:** Integration of models and query federation for heterogeneous archaeological datasets
Name of the conference: 24th Annual Meeting of the European Association of Archaeologists
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 05/09/2018
End date: 08/09/2018
Organising entity: European Association of Archaeologists (EAA)
With external admission assessment committee: Yes
César González Pérez; Patricia Martín Rodilla.
- 23** **Title of the work:** Computer-Assisted Analysis of Combined Argumentation and Ontology in Archaeological Discourse
Name of the conference: 46th Annual Conference on Computer Applications and Quantitative methods in Archaeology CAA 2018
Type of participation: Participatory - oral communication
City of event: Tübingen, Germany
Date of event: 19/03/2018



End date: 22/03/2018

With external admission assessment committee: Yes

César González Pérez; Patricia Martín Rodilla; Martín Pereira Fariña.

- 24** **Title of the work:** An Alternative Approach to Metainformation Conceptualisation and Use
Name of the conference: ER 2017. 36th Conference on Conceptual Modelling
City of event: Valencia, Spain
Date of event: 06/11/2017
End date: 09/11/2017
Cesar Gonzalez Perez; Patricia Martin Rodilla.
- 25** **Title of the work:** Extracting software representation and information visualization requirements for a diachronic study of astronomical alignments in archaeological sites
Name of the conference: Road to the stars, 25th Conference of the European Society for Astronomy in Culture (INSAP Xth - Oxford XI - SEAC 25th).
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 18/09/2017
End date: 22/09/2017
Patricia Martin Rodilla; Cesar Antonio González García.
- 26** **Title of the work:** A Metamodel and Code Generation Approach for Symmetric Unary Associations
Name of the conference: 11th International Conference on Research Challenges in Information Science
Type of participation: Participatory - oral communication
City of event: Brighton, United Kingdom
Date of event: 10/05/2017
End date: 12/05/2017
With external admission assessment committee: Yes
César González Pérez; Patricia Martin Rodilla.
- 27** **Title of the work:** Educational experiences in archaeological information modelling with the mind maps and object-oriented paradigms
Name of the conference: 45th Annual Conference on Computer Applications and Quantitative methods in Archaeology CAA 2017
City of event: Atlanta, United States of America
Date of event: 14/03/2017
End date: 16/03/2017
Patricia Martín Rodilla; César González Pérez.
- 28** **Title of the work:** Extracting static and dynamic model elements from textual specifications in humanities
Name of the conference: 4th ACM International Conference on Technological Ecosystems for Enhancing Multiculturality TEEM 2016
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Salamanca, Spain
Date of event: 02/11/2016
End date: 04/11/2016
With external admission assessment committee: Yes
Type of contribution: Book chapter
Geographical area: Non EU International
Reasons for participation: Review before acceptance



Patricia Martín Rodilla; César González Pérez. En: Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality. pp. 949 - 955. ACM, ISBN 978-1-4503-4747-1

29 Title of the work: Understanding User Behavior in Textual Analysis: A Thinking Aloud Approach for Digital Humanities Research Contexts

Name of the conference: 4th ACM International Conference on Technological Ecosystems for Enhancing Multiculturality TEEM 2016

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

City of event: Salamanca, Spain

Date of event: 02/11/2016

End date: 04/11/2016

With external admission assessment committee: Yes

Type of contribution: Book chapter

Patricia Martín Rodilla; César González Pérez. En: Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality. pp. 269 - 276. ACM, ISBN 978-1-4503-4747-1

30 Title of the work: Using Model Views to Assist with Model Conformance and Extension

Name of the conference: 10th IEEE International Conference on Research Challenges in Information Science RCIS 2016

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

City of event: Grenoble, France

Date of event: 01/06/2016

End date: 03/06/2016

With external admission assessment committee: Yes

Type of contribution: Book chapter

César González Pérez; Patricia Martín Rodilla. En: Tenth IEEE International Conference on Research Challenges in Information Science, RCIS 2016, Grenoble, France, June 1-3, 2016. ISBN 978-1-4799-8710-8

31 Title of the work: Formalisation and Reuse of Methodological Knowledge for Archaeology across European Organizations

Name of the conference: 44th Annual Conference on Computer Applications and Quantitative methods in Archaeology CAA 2016

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

City of event: Oslo, Norway

Date of event: 29/03/2016

End date: 02/04/2016

With external admission assessment committee: Yes

Type of contribution: Book chapter

César González Pérez; Patricia Martín Rodilla; Elena Viorica Epure. En: CAA 2016 OSLO Exploring oceans of data. 44th Computer Applications and Quantitative Methods in Archaeology Conference. In press, 2017.



- 32** **Title of the work:** Abstract reference models to achieve collaboration across disciplines
Name of the conference: First annual European Association for Digital Humanities Symposium (EADH Day)
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Madrid, Spain
Date of event: 08/10/2015
End date: 08/10/2015
César González Pérez; Patricia Martín Rodilla.
- Geographical area:** European Union
Reasons for participation: Review before acceptance
- 33** **Title of the work:** A Modelling Language for Discourse Analysis in Humanities: Definition, Design, Validation and First Experiences
Name of the conference: II Congreso Internacional de la Asociación de Humanidades Digitales Hispánicas
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Madrid, Spain
Date of event: 05/10/2015
End date: 07/10/2015
With external admission assessment committee: Yes
Patricia Martín Rodilla; César González Pérez.
- Geographical area:** Non EU International
Reasons for participation: Review before acceptance
- 34** **Title of the work:** Teaching Conceptual Modelling in Humanities and Social Sciences
Name of the conference: II Congreso Internacional de la Asociación de Humanidades Digitales Hispánicas
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Madrid, Spain
Date of event: 05/10/2015
End date: 07/10/2015
With external admission assessment committee: Yes
César González Pérez; Patricia Martín Rodilla.
- Geographical area:** Non EU International
Reasons for participation: Review before acceptance
- 35** **Title of the work:** Achieving software-assisted knowledge generation through model-driven interoperability
Name of the conference: XX Jornadas de Ingeniería del Software y Bases de Datos (JISBD). Sociedad Nacional de Ingeniería del Software y Tecnologías de Desarrollo de Software (SISTEDES)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Santander, Spain
Date of event: 15/09/2015
End date: 17/09/2015
Organising entity: Sociedad Nacional de Ingeniería del Software y Tecnologías de Desarrollo de Software (SISTEDES)
Type of entity: Associations and Groups
With external admission assessment committee: Yes
Patricia Martín Rodilla; César González Pérez; Giovanni Giachetti Herrera.
- Geographical area:** National
Reasons for participation: Review before acceptance



- 36** **Title of the work:** Automatic Process Model Discovery from Textual Methodologies. An Archaeology Case Study
Name of the conference: 9th IEEE International Conference on Research Challenges in Information Science RCIS 2105
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Atenas, Greece
Date of event: 13/05/2015
End date: 15/05/2015
With external admission assessment committee: Yes
Type of contribution: Book chapter
Elena Viorica Epure; Patricia Martín Rodilla; Charlotte Hug; Rebecca Deckenère; Camille Salinesi. En: 9th IEEE International Conference on Research Challenges in Information Science, RCIS 2015, Athens, Greece, May 13-15, 2015. ISBN 978-1-4673-6630-4
- 37** **Title of the work:** A conceptual and visual proposal to decouple material and interpretive information about stratigraphic data
Name of the conference: 43rd Annual Conference on Computer Applications and Quantitative methods in Archaeology CAA 2015
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Siena, Italy
Date of event: 30/03/2015
End date: 03/04/2015
With external admission assessment committee: Yes
Type of contribution: Book chapter
Patricia Martín Rodilla; César González Pérez; Patricia Mañana Borrazás. En: Keep the Revolution Going. Proceedings of the 43rd Annual Conference on Computer Applications and Quantitative Methods in Archaeology. pp. 201 - 212. 2016. ISBN 9781784913380
- 38** **Title of the work:** Agreement management in conceptualization of new terms in dictionaries: a semantic approach
Name of the conference: Technological Ecosystems for Enhancing Multiculturality Conference, TEEM '14
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Salamanca, Spain
Date of event: 01/10/2014
End date: 03/10/2014
With external admission assessment committee: Yes
Type of contribution: Book chapter
Ramón Álvarez Tapia; Patricia Martín Rodilla; Miguel Sánchez Marcos. En: TEEM '14 Proceedings of the Second International Conference on Technological Ecosystems for Enhancing Multiculturality. pp. 555 - 560. 2014. Available on-line at: <<http://doi.acm.org/10.1145/2669711.2669955>>. ISBN 978-1-4503-2896-8
- 39** **Title of the work:** An ISO/IEC 24744-derived modelling language for discourse analysis
Name of the conference: Eight International Conference on Research Challenges in Information Science RCIS
Type of event: Conference
Geographical area: Non EU International



Type of participation: Participatory - oral communication

City of event: Marrakech, Morocco

Date of event: 28/05/2014

End date: 30/05/2014

With external admission assessment committee: Yes

Type of contribution: Book chapter

Patricia Martín Rodilla; César González Pérez. En: *EEE 8th International Conference on Research Challenges in Information Science, RCIS 2014, Marrakech, Morocco, May 28-30, 2014*. 2014. ISBN 978-1-4799-2393-9

Reasons for participation: Review before acceptance

40 Title of the work: User interface design guidelines for rich applications in the context of cultural heritage data

Name of the conference: Eight International Conference on Research Challenges in Information Science RCIS

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Marrakech, Morocco

Date of event: 28/05/2014

End date: 30/05/2014

With external admission assessment committee: Yes

Type of contribution: Book chapter

Patricia Martín Rodilla; José Ignacio Panach; Óscar Pastor López. En: *EEE 8th International Conference on Research Challenges in Information Science, RCIS 2014, Marrakech, Morocco, May 28-30, 2014*. ISBN 978-1-4799-2393-9

Geographical area: Non EU International

Reasons for participation: Review before acceptance

41 Title of the work: Towards a social reader: a mobile application to evaluate e-reading capabilities

Name of the conference: Technological Ecosystems for Enhancing Multiculturality Conference, TEEM '13

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Salamanca, Spain

Date of event: 14/11/2013

End date: 15/11/2013

With external admission assessment committee: Yes

Ángel Oliva Mangas; Ramón Álvarez Tapia; Patricia Martín Rodilla. En: *TEEM '13 Proceedings of the First International Conference on Technological Ecosystem for Enhancing Multiculturality*. pp. 381 - 384. Available on-line at: <<http://doi.acm.org/10.1145/2536536.2536594>>. ISBN 978-1-4503-2345-1

Geographical area: Non EU International

Reasons for participation: Review before acceptance

42 Title of the work: First Attempt at Describing, Reusing and Disseminating Archaeological Methodological Knowledge

Name of the conference: 19th European Association of Archaeologists Annual Meeting (EAA)

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Pilsen, Czech Republic

Date of event: 04/09/2013

End date: 08/09/2013

Organising entity: European Association of Archaeologists (EAA)

With external admission assessment committee: Yes

Geographical area: European Union

Reasons for participation: Review before acceptance

Type of entity: Associations and Groups



César González Pérez; Patricia Martín Rodilla.

- 43** **Title of the work:** Software-Assisted Knowledge Generation in the Archaeological Domain: A Conceptual Framework
Name of the conference: Doctoral Consortium of the 25th International Conference on Advanced Information Systems Engineering (CAiSE 2013)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 17/06/2013
End date: 21/06/2013
With external admission assessment committee: Yes
Type of contribution: Book chapter
Patricia Martín Rodilla. En: Proceedings of the Doctoral Consortium of the 25th International Conference on Advanced Information Systems Engineering (CAiSE 2013), Valencia, Spain, June 21, 2013. 21/06/2013. Available on-line at: <<http://ceur-ws.org/Vol-1001>>.
- Geographical area:** Non EU International
Reasons for participation: Review before acceptance
- 44** **Title of the work:** Empirical Approaches to the Analysis of Archaeological Discourse
Name of the conference: 41st Annual Conference on Computer Applications and Quantitative methods in Archaeology CAA 2013
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Perth, Australia
Date of event: 24/03/2013
End date: 28/03/2013
Organising entity: Computer Applications and Quantitative methods in Archaeology
With external admission assessment committee: Yes
Type of contribution: Book chapter
Patricia Martín Rodilla. En: Across Space and Time. Papers from the 41st Annual Conference of Computer Applications and Quantitative Methods in Archaeology (CAA), Perth, 25-28 March 2013. ISBN 9789089647153
- Geographical area:** Non EU International
Reasons for participation: Review before acceptance
Type of entity: Associations and Groups
- 45** **Title of the work:** Knowledge-assisted Visualization in the Cultural Heritage Domain - Case Studies, Needs and Reflections
Name of the conference: 4th International Conference on Information Visualization Theory and Applications
Type of event: Conference
Type of participation: Participatory - poster
City of event: Barcelona, Spain
Date of event: 21/02/2013
End date: 24/02/2013
With external admission assessment committee: Yes
Type of contribution: Book chapter
Patricia Martín Rodilla. En: Proceedings of the International Conference on Computer Graphics Theory and Applications and International Conference on Information Visualization Theory and Applications - Volume 1: IVAPP, pp. 546 - 549. 2013. ISBN 978-989-8565-46-4
- Geographical area:** Non EU International
Reasons for participation: Review before acceptance



- 46** **Title of the work:** Extending an Abstract Reference Model for Transdisciplinary Work in Cultural Heritage
Name of the conference: Sixth Metadata and Semantics Research Conference MTSR 2012
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Cádiz, Spain
Date of event: 28/11/2012
End date: 30/11/2012
With external admission assessment committee: Yes
Type of contribution: Book chapter
César González Pérez; Patricia Martín Rodilla; César Parceró Oubiña; Pástor Fábrega Álvarez; Alejandro Guzmil Fariña. En: Metadata and Semantics Research. 2013. ISBN 978-3-642-35232-4
- 47** **Title of the work:** The Role of Software in Cultural Heritage Issues: Types, user needs and design guidelines based on principles of interaction
Name of the conference: 6th International Conference on Research Challenges in Information Science.
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Valencia, Spain
Date of event: 16/05/2012
End date: 18/05/2012
With external admission assessment committee: Yes
Type of contribution: Book chapter
En: Sixth International Conference on Research Challenges in Information Science, RCIS 2012, Valencia, Spain, May 16-18 2012.. ISBN 978-1-4577-1938-7
- 48** **Title of the work:** Principles of human-computer interaction in fieldwork software. Study of the archaeologist as a user and its implications
Name of the conference: 40th Annual Conference on Computer Applications and Quantitative methods in Archaeology
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Southampton, United Kingdom
Date of event: 26/03/2012
End date: 30/03/2012
With external admission assessment committee: Yes
Patricia Martín Rodilla.
- 49** **Title of the work:** Multi-agent system for detecting elderly people falls through mobile devices
Name of the conference: PAAMS 2011- Practical Applications of Agents and Multi-Agent Systems
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Salamanca, Spain
Date of event: 06/04/2011
End date: 08/04/2011
With external admission assessment committee: Yes
Type of contribution: Book chapter
Patricia Martín Rodilla; Miguel Sánchez Marcos; Laura Álvarez Bautista; Vidal Alonso Sécades; Javier Bajo Pérez. En: Ambient Intelligence - Software and Applications - 2nd International Symposium



on Ambient Intelligence, ISAmI 2011, Salamanca, Spain, April 6-8, 2011. 92, Springer, 2011. ISBN 978-3-642-19936-3

- 50** **Title of the work:** A New Adaptive Algorithm for Detecting Falls through Mobile Devices.
Name of the conference: Trends in Practical Applications of Agents and Multiagent Systems, 9th International Conference on Practical Applications of Agents and Multiagent Systems (PAAMS 2011) Workshop
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
City of event: Salamanca, Spain
Date of event: 04/2011
End date: 04/2011
With external admission assessment committee: Yes
Type of contribution: Book chapter
Miguel Sanchez Vidales; Patricia Martín Rodilla; Laura Álvarez Bautista; Vidal Alonso Sécades; Carolina Zato; Alberto Pedrero; Javier Bajo Pérez. En: Trends in Practical Applications of Agents and Multiagent Systems, 9th International Conference on Practical Applications of Agents and Multiagent Systems (PAAMS 2011) Workshops.. 90, pp. 17 - 24. Advances in Intelligent Systems and Computing Series. Springer, ISBN 978-3-642-19930-1

Other dissemination activities

- 1** **Title of the work:** Discussion panel: Everything you ever wanted to know about postdoctoral fellowships and never asked
Name of the event: Discussion panel: Everything you ever wanted to know about postdoctoral fellowships and never asked
Type of event: Conferences given
Reasons for participation: Upon invitation
Corresponding author: Yes
Date of event: 09/04/2021
Organising entity: Universidad de Santiago de Compostela **Type of entity:** University
- 2** **Title of the work:** Humanizando o dixital
Name of the event: Ciclo de charlas sobre saídas profesionais para doutoras e doutores EDIUS-USC
Date of event: 19/02/2021
Organising entity: Universidad de Santiago de Compostela **Type of entity:** University
Patricia Martín Rodilla; Luz Castro.
- 3** **Title of the work:** Investigación en Procesado da Linguaxe Natural: cando as máquinas falan o noso mesmo idioma
Name of the event: CiTIUS-USC Guided tour program for high school students
Date of event: 2019
Organising entity: Centro Singular en Investigación en Tecnoloxías de la Información CiTIUS
City organizing entity: Spain
Patricia Martín Rodilla.
- 4** **Title of the work:** Conversations with researchers: promoting research into high-school students
Name of the event: I Feria de Innovación USC-ABANCA
Type of event: Fairs and exhibitions



City of event: Santiago de Compostela, Spain

Date of event: 28/11/2018

Organising entity: Universidad de Santiago de Compostela

Patricia Martín Rodilla.

Type of entity: University

- 5 Title of the work:** Lecture: "Software-Assisted Knowledge Generation in Cultural Heritage Domain: a conceptual framework".

Name of the event: Programa de Charlas de Investigación INCIPIT-CSIC.

Type of event: Conferences given

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 04/10/2016

Organising entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO

Type of entity: State agency

City organizing entity: Santiago de Compostela, Patricia Martín Rodilla.

- 6 Title of the work:** Lecture "Software Engineering & Cultural Heritage: Roadmap and transdisciplinary possibilities"

Type of event: Conferences given

City of event: Lisboa, Portugal

Date of event: 10/2015

Organising entity: NOVA Laboratory for Computer Science and Informatics (NOVA LINCS). Faculdade de Ciências e Tecnologia. Universidade NOVA de Lisboa

Type of entity: University

Patricia Martín Rodilla.

- 7 Title of the work:** Lecture: "Software-assisted knowledge generation in archaeology: from textual sources to software assistance tools".

Type of event: Conferences given

City of event: París, France

Date of event: 11/2014

Organising entity: Centre de la Recherche en Informatique, Universidad Paris-1 Pantheon-Sorbonne.

Type of entity: University

Patricia Martín Rodilla.

- 8 Title of the work:** Lecture: "Inference and reasoning in archaeology: characterization, empirical results and their impact in the archaeologist-software relation".

Name of the event: Programa de Charlas de Investigación INCIPIT-CSIC.

Type of event: Conferences given

City of event: Santiago de Compostela, Spain

Date of event: 10/2014

Organising entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO

Type of entity: State agency

Patricia Martín Rodilla.

- 9 Title of the work:** Lecture "Supporting cognitive processes through software models: the archaeological case".

Name of the event: Programa PROS seminar series.

Type of event: Conferences given



City of event: Valencia, Spain

Date of event: 05/2013

Organising entity: Centro de Investigación en Métodos de Producción de Software (PROS).
Universidad Politécnica de Valencia.
Patricia Martín Rodilla.

Type of entity: University

10 Title of the work: Lecture "Assisted Knowledge Generation in the Cultural Heritage Domain"

Name of the event: Programa de Seminarios UTS

Type of event: Conferences given

City of event: Sydney, Australia

Date of event: 04/2013

Organising entity: Human Centred Technology Design. University of Technology Sydney.
Patricia Martín Rodilla; César González Pérez.

Type of entity: University

11 Title of the work: Lecture "Extending an Abstract Reference Model for Transdisciplinary Work in Cultural Heritage"

Name of the event: Programa de Charlas de Investigación INCIPIT-CSIC

Type of event: Conferences given

City of event: Santiago de Compostela, Spain

Date of event: 11/2012

Organising entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO
César González Pérez; Patricia Martín Rodilla.

Type of entity: State agency

12 Title of the work: Lecture "Beyond data: Software Extraction and Software-Assisted Knowledge Generation in the Cultural Heritage Domain"

Name of the event: Programa de Charlas de Investigación INCIPIT-CSIC

Type of event: Conferences given

City of event: Santiago de Compostela, Spain

Date of event: 02/2012

Organising entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO
Patricia Martín Rodilla.

Type of entity: State agency

13 Title of the work: IT Tutorial "Ambient-intelligence: SIDCA practical case"

Name of the event: Empirika 2010: Feria Iberoamericana de la Ciencia la Tecnología y la Innovación

Type of event: Fairs and exhibitions

City of event: Salamanca, Spain

Date of event: 12/11/2010

Organising entity: Fundación Española para la Ciencia y la Tecnología
Laura Álvarez Bautista; Patricia Martín Rodilla; Miguel Sánchez Marcos; Javier Bajo Pérez.

Type of entity: Fundación

14 Title of the work: Lecture "Sistema de detección de caídas vía móvil con Android®" (An Android-based software system for for detecting elderly people falls though mobile devices)

Name of the event: Conferencia DevFest 2010, Google España

Type of event: Conferences given

City of event: Madrid, Spain

Date of event: 23/09/2010

Organising entity: Google España

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Computer and Archaeology Association Scientific Committee
Affiliation entity: Computer and Archaeology Association
<https://caa-international.org/about/scientific-committee/>
Start-End date: 30/07/2021 - 30/07/2024
- 2** **Committee title:** Jurado Premios Anuales Asociación de Humanidades Digitales Hispánicas
Affiliation entity: Asociación de Humanidades Digitales Hispánicas
Start-End date: 09/06/2022 - 01/06/2023
- 3** **Committee title:** Scientific Committee of European Language and Resources Association (LREC) 2022
Affiliation entity: <https://lrec2022.lrec-conf.org/en/committees/scientific-committee>
City affiliation entity: Marsella, France
Start-End date: 17/01/2022 - 2023
- 4** **Committee title:** Management Committee Member SEADDA COST Action CA18128 (Representation of Spain in the COST Action)
Geographical area: European Union
Affiliation entity: Universidad de Santiago de Compostela
Type of entity: University
Start-End date: 04/03/2019 - 2023
- 5** **Committee title:** Program Committee of EMMSAD: Exploring Modeling Methods for Systems Analysis and Development conference 2021
Affiliation entity: <https://www.emmsad.org/home>
Start-End date: 01/01/2022 - 31/12/2022
- 6** **Committee title:** Program Committee of the 16th IEEE International Conference on Research Challenges in Information Science (RCIS)
Affiliation entity: IEEE
Start-End date: 01/01/2022 - 31/12/2022
- 7** **Committee title:** Program Committee for the ENASE: 17th International Conference on Evaluation of Novel Approaches to Software Engineering (<http://www.enase.org/>)
Affiliation entity: INSTICC
Start-End date: 15/06/2021 - 31/12/2022
- 8** **Committee title:** Scientific Committee: V congreso de la Asociación de Humanidades Digitales Hispánicas
Affiliation entity: Asociación de Humanidades Digitales Hispánicas
Start-End date: 04/10/2021 - 2022
- 9** **Committee title:** Committee for Reviewing Best Dissertation on Language Technology for Portuguese PROPOR 2022
Primary (UNESCO code): 570104 - Computational linguistics
Affiliation entity: PROPOR 2022
Start-End date: 01/05/2021 - 2022



- 10** **Committee title:** Program committee of EPIA2020 (EPIA conference on Artificial Intelligence).
Start-End date: 27/01/2021 - 31/12/2021
- 11** **Committee title:** Program Committee of the 15th IEEE International Conference on Research Challenges in Information Science (RCIS)
Affiliation entity: IEEE
Start-End date: 01/01/2021 - 31/12/2021
- 12** **Committee title:** Program Committee of the 48th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
City: Limassol, Cyprus
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2021 - 31/12/2021
- 13** **Committee title:** Program Committee for the ENASE: 16th International Conference on Evaluation of Novel Approaches to Software Engineering (<http://www.enase.org/>) 5-6 May 2020
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: INSTICC
Start-End date: 21/04/2020 - 31/12/2021
- 14** **Committee title:** European Association for Digital Humanities (EADH) Conference Review Committee
Primary (UNESCO code): 570104 - Computational linguistics
Affiliation entity: European Association for Digital Humanities (EADH)
Type of entity: Associations and Groups
Start-End date: 01/08/2020 - 01/08/2021
- 15** **Committee title:** Program committee of EPIA2020 (EPIA conference on Artificial Intelligence).
Primary (UNESCO code): 330000 - Technological Science.
Start-End date: 27/01/2020 - 31/12/2020
- 16** **Committee title:** Program Committee of the 48th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
City: Oxford, United Kingdom
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2020 - 31/12/2020
- 17** **Committee title:** Program Committee for the ENASE: 15th International Conference on Evaluation of Novel Approaches to Software Engineering (<http://www.enase.org/>) 5-6 May 2020
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
City: Prague, Czech Republic
Affiliation entity: INSTICC
Start-End date: 21/04/2019 - 31/12/2020



- 18** **Committee title:** European Association for Digital Humanities (EADH) Conference Review Committee
Primary (UNESCO code): 570104 - Computational linguistics
Affiliation entity: European Association for Digital Humanities (EADH) **Type of entity:** Associations and Groups
Start-End date: 01/08/2019 - 01/08/2020
- 19** **Committee title:** Program Committee of 24th European Conference on Artificial Intelligence (ECAI 2020)
Start-End date: 01/10/2019 - 30/06/2020
- 20** **Committee title:** External reviewer: Complex Systems Informatics and Modeling Quarterly Journal (<http://csimq.mozello.com/about/editors>)
Primary (UNESCO code): 330000 - Technological Science.
Start-End date: 01/10/2016 - 2020
- 21** **Committee title:** Program Committee of the Program Committee of the IEEE 13th Thirteen International Conference on Research Challenges in Information Science (RCIS), May 29-31, 2019, Brussels, Belgium
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2019 - 31/12/2019
- 22** **Committee title:** Program Committee for the ENASE: 14th International Conference on Evaluation of Novel Approaches to Software Engineering (<http://www.enase.org/>)
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: INSTICC
Start-End date: 21/04/2018 - 31/12/2019
- 23** **Committee title:** Program Committee of the 46th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association **Type of entity:** Associations and Groups
Start-End date: 01/01/2018 - 31/12/2019
- 24** **Committee title:** Program Committee of the 47th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association **Type of entity:** Associations and Groups
Start-End date: 01/01/2018 - 31/12/2019
- 25** **Committee title:** Program Committee of Portuguese Semantics in Industry and University (PSIU). Special track of SEMAPRO 2019, The 13th International Conference on Advances in Semantic Processing
Start-End date: 22/09/2019 - 26/09/2019



- 26** **Committee title:** European Association for Digital Humanities (EADH) Conference Review Committee
Primary (UNESCO code): 550000 - History; 570000 - Linguistics
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: European Association for Digital Humanities (EADH)
<https://eadh2018eadh.wordpress.com>
Type of entity: Associations and Groups
Start-End date: 01/08/2018 - 01/08/2019
- 27** **Committee title:** Program Committee of International Conference on Conceptual Modeling (ER 2018)
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Start-End date: 03/07/2018 - 03/07/2019
- 28** **Committee title:** Program Committee for the International Conference on Computational Processing of Portuguese (PROPOR 2018)
Primary (UNESCO code): 570104 - Computational linguistics
Start-End date: 01/05/2018 - 2019
- 29** **Committee title:** Subreviewer for Best Dissertation on Language Technology for Portuguese
Primary (UNESCO code): 570104 - Computational linguistics
Start-End date: 01/05/2018 - 2019
- 30** **Committee title:** Program Committee CENTRIC 2019, The Twelfth International Conference on Advances in Human-oriented and Personalized Mechanisms, Technologies, and Services.: 01/05/2018 – 2019. Valencia (España)
Start-End date: 2018 - 2019
- 31** **Committee title:** Program Committee of the 12nd IEEE International Conference on Research Challenges in Information Science
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2018 - 31/12/2018
- 32** **Committee title:** Program Committee for the ENASE: 13th International Conference on Evaluation of Novel Approaches to Software Engineering (<http://www.enase.org/>)
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: INSTICC
Start-End date: 21/04/2017 - 31/12/2018
- 33** **Committee title:** ER 2017 Forum Program Committee: International Conference on Conceptual Modeling (ER)
Start-End date: 2017 - 2018
- 34** **Committee title:** Program Committee of the 11st IEEE International Conference on Research Challenges in Information Science
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2017 - 31/12/2017



- 35** **Committee title:** Program Committee of the 45th Annual Conference on Computer Applications and Quantitative Methods in Archaeology
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitative Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2017 - 31/12/2017
- 36** **Committee title:** Program Committee for the ENASE: 12th International Conference on Evaluation of Novel Approaches to Software Engineering
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: INSTICC
Type of entity: Associations and Groups
Start-End date: 26/10/2016 - 31/12/2017
- 37** **Committee title:** Artifact Evaluation Committee of the 10th ACM SIGPLAN International Conference on Software Language Engineering
Primary (UNESCO code): 330000 - Technological Science.; 570104 - Computational linguistics
Affiliation entity: ACM
Type of entity: Associations and Groups
Start-End date: 30/06/2017 - 30/09/2017
- 38** **Committee title:** Program Committee of the 10th IEEE International Conference on Research Challenges in Information Science
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2016 - 31/12/2016
- 39** **Committee title:** Program Committee of the 44th Annual Conference on Computer Applications and Quantitative Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitative Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2016 - 31/12/2016
- 40** **Committee title:** Artifact Evaluation Committee of the 9th ACM SIGPLAN International Conference on Software Language Engineering
Start-End date: 30/06/2016 - 30/09/2016
- 41** **Committee title:** Program Committee of the 43rd Annual Conference on Computer Applications and Quantitative Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitative Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2015 - 31/12/2015



- 42** **Committee title:** Program Committee of the 9th IEEE International Conference on Research Challenges in Information Science
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2015 - 31/12/2015
- 43** **Committee title:** Program Committee of the 42nd Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2014 - 31/12/2014
- 44** **Committee title:** Program Committee of the 8th IEEE International Conference on Research Challenges in Information Science
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2014 - 31/12/2014
- 45** **Committee title:** Program Committee of the 41st Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2013 - 31/12/2013
- 46** **Committee title:** Program Committee of the 7th IEEE International Conference on Research Challenges in Information Science
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: IEEE
Start-End date: 01/01/2013 - 31/12/2013
- 47** **Committee title:** Program Committee of the 40th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: Computer Applications and Quantitive Methods in Archaeology Association
Type of entity: Associations and Groups
Start-End date: 01/01/2012 - 31/12/2012
- 48** **Committee title:** Program Committee of the 39th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Geographical area: Non EU International
Primary (UNESCO code): 550501 - Archaeology



Secondary (UNESCO code): 330000 - Technological Science.

Affiliation entity: Computer Applications and Quantitative Methods in Archaeology Association

Type of entity: Associations and Groups

Start-End date: 01/01/2011 - 31/12/2011

- 49** **Committee title:** Scientific Committee for 13th Edition of its Language Resources and Evaluation Conference LREC 2022
Start date: 17/01/2022
- 50** **Committee title:** External Reviewer: Vigo International Journal of Applied Linguistics
Primary (UNESCO code): 570104 - Computational linguistics
Start date: 01/05/2020
- 51** **Committee title:** Editorial Review Board of Frontiers in Computer Science Journal (<https://www.frontiersin.org/journals/computer-science>)
Start date: 25/03/2019
- 52** **Committee title:** External Reviewer: mdpi Informatics Journal <https://www.mdpi.com/journal/informatics>
Primary (UNESCO code): 330000 - Technological Science.
Secondary (UNESCO code): 550501 - Archaeology
Start date: 2019
- 53** **Committee title:** External reviewer: IEEE_JBHI IEEE Journal of Biomedical and Health Informatics <https://jbhi.embs.org/>
Primary (UNESCO code): 330000 - Technological Science.
Start date: 2019
- 54** **Committee title:** Editorial Review Board Revista Linguamática (Scopus)
Primary (UNESCO code): 570104 - Computational linguistics
Secondary (UNESCO code): 330000 - Technological Science.
Affiliation entity: <http://linguamatica.com/index.php/linguamatica>
Start date: 09/11/2018
- 55** **Committee title:** External Review Board of IEEE Access Journal (<http://ieeaccess.ieee.org/>)
Primary (UNESCO code): 330000 - Technological Science.
Start date: 23/04/2018
- 56** **Committee title:** Editorial Review Board of International Journal of Computational Methods in Heritage Science (IJCMHS)
Primary (UNESCO code): 330000 - Technological Science.
Start date: 09/11/2017
- 57** **Committee title:** Reviewer for journal board: Complex Systems Informatics and Modeling Quarterly Journal. Special volume for CAISE 2016 selected papers in CAISE Forum 2016
Geographical area: Non EU International
Primary (UNESCO code): 330000 - Technological Science.
Start date: 10/2016
- 58** **Committee title:** Program Committee: 2nd International Conference of Digital Humanities: Innovation, Globalization and Impact
Primary (UNESCO code): 570104 - Computational linguistics



Secondary (UNESCO code): 330000 - Technological Science.

Affiliation entity: Hispanic Digital Humanities Association

Type of entity: Associations and Groups

Start date: 10/2015

Organization of R&D activities

- 1** **Title of the activity:** Tutorial's Chair at 15th IEEE International Conference on Research Challenges in Information Science (RCIS)
Type of activity: Conference Tutorial's Chair
Convening entity: IEEE
Type of participation: Organiser
Start-End date: 01/01/2021 - 31/12/2021
- 2** **Title of the activity:** Conceptualising, Processing and Visualising Vagueness in Archaeological Data
Type of activity: Conference Session
Convening entity: Computer Applications and Quantitative Methods in Archaeology CAA 2021
City convening entity: Limassol, Cyprus
Type of participation: Chairman
Start-End date: 14/06/2021 - 18/06/2021
- 3** **Title of the activity:** V congreso de la Asociación de Humanidades Digitales Hispánicas
Type of activity: Conference <https://hdh2021.org>
Convening entity: Asociación de Humanidades Digitales Hispánicas
Type of participation: Organiser
Start-End date: 04/10/2021 - 10/04/2021 **Duration:** 1 year
- 4** **Title of the activity:** Conceptualising, Implementing and Visualising Spatial and Temporal Vagueness S07
Type of activity: Session **Geographical area:** Non EU International
City of event: Oxford, United Kingdom
Convening entity: 48th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 14/04/2020 - 17/04/2020
- 5** **Title of the activity:** NLP of Expert and Non-Expert Discourses in Archaeology S08
Type of activity: Session **Geographical area:** Non EU International
City of event: Oxford, United Kingdom
Convening entity: 48th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 14/04/2020 - 17/04/2020
- 6** **Title of the activity:** Argumentation and the Archaeological Record
Type of activity: Session **Geographical area:** Non EU International
City of event: Krakow, Poland
Convening entity: 47th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 23/04/2019 - 27/04/2019



- 7** **Title of the activity:** Road to the stars (INSAP Xth - Oxford XI - SEAC 25th).
Type of activity: Member of the organization committee
Convening entity: 25th conference of the european society for astronomy in culture
Type of participation: Organiser
N° assistants: 140
Start-End date: 01/06/2017 - 30/09/2017
- 8** **Title of the activity:** Knowledge Generation in Archaeology through Texts and Graphical Representations
Type of activity: Workshop **Geographical area:** Non EU International
City of event: Atlanta, United States of America
Convening entity: 45th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 14/03/2017 - 16/03/2017
- 9** **Title of the activity:** NEARCHing Factory: Creating New Scenarios for Archaeology
Type of activity: Conference
Convening entity: Institute of Heritage Science, Spanish National Research Council
Type of participation: Organiser
Start-End date: 30/01/2017 - 01/02/2017
- 10** **Title of the activity:** Archaeological Information Languages and Notations
Type of activity: Session **Geographical area:** Non EU International
City of event: Oslo, Norway
Convening entity: 44th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 29/03/2016 - 02/04/2016
- 11** **Title of the activity:** Hands-On Archaeological Conceptual Modelling 2
Type of activity: Workshop **Geographical area:** Non EU International
City of event: Siena, Italy
Convening entity: 43rd Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 30/03/2015 - 03/04/2015
- 12** **Title of the activity:** Modelling the Archaeological Process
Type of activity: Sesión de panel de discusión **Geographical area:** Non EU International
City of event: Siena, Italy
Convening entity: 43rd Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 30/03/2015 - 03/04/2015
- 13** **Title of the activity:** Session 11: User-Centered Approaches - 1
Type of activity: Sesión en conferencia **Geographical area:** Non EU International
City of event: Marrakech, Morocco
Convening entity: 8th IEEE International Conference on Research Challenges in Information Science
Type of participation: Organiser



Start-End date: 28/05/2014 - 30/05/2014

- 14 Title of the activity:** Modelling the Archaeological Process
Type of activity: Sesión de panel de discusión **Geographical area:** Non EU International
City of event: Paris, France
Convening entity: 41st Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 22/04/2014 - 25/04/2014
- 15 Title of the activity:** 25th International Conference on Advanced Information Systems Engineering
Type of activity: Organización conferencia **Geographical area:** Non EU International
City of event: Valencia, Spain
Convening entity: 25th International Conference on Advanced Information Systems Engineering
Type of participation: Investigador voluntario comité de organización
Nº assistants: 600
Start-End date: 17/06/2013 - 21/06/2013
- 16 Title of the activity:** Jornadas de Investigación en Arqueología JIA 2012
Type of activity: Conferencia **Geographical area:** National
City of event: Santiago de Compostela, Spain
Convening entity: INSTITUTO DE CIENCIAS DEL PATRIMONIO **Type of entity:** State agency
Type of participation: Organiser
Start-End date: 09/05/2012 - 11/05/2012
- 17 Title of the activity:** Archaeological Information Modelling
Type of activity: Sesión de panel de discusión **Geographical area:** Non EU International
City of event: Southampton, United Kingdom
Convening entity: 40th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start-End date: 26/03/2012 - 29/03/2012
- 18 Title of the activity:** Conceptual Modelling for Archaeology
Type of activity: Sesión de panel de discusión **Geographical area:** Non EU International
City of event: Beijing, China
Convening entity: 39th Annual Conference on Computer Applications and Quantitive Methods in Archaeology **Type of entity:** Associations and Groups
Type of participation: Organiser
Start-End date: 12/04/2011 - 16/04/2011
- 19 Title of the activity:** eRisk 2021: Early Risk Prediction on the Internet. Javier Parapar, Patricia Martín-Rodilla, David Losada and Fabio Crestani
Convening entity: CLEF 2021:12th Conference and Labs of the Evaluation Forum. University "Politehnica" of Bucharest
Start date: 21/09/2020 **Duration:** 1 year



- 20** **Title of the activity:** Workshop on Hybrid Intelligence (HI) for Natural Language Processing Tasks
Type of activity: Workshop
Convening entity: 24th European Conference on Artificial Intelligence ECAI 2020
Type of participation: Organiser
Start date: 29/08/2020
- 21** **Title of the activity:** Conceptual modelling of subjectivity, temporality and vagueness with ConML
Type of activity: Scientific Tutorial
City of event: Utrecht, Holland
Convening entity: Digital Humanities Conference 2019: Utrecht University
City convening entity: Utrecht, Holland
Type of participation: Organiser
N° assistants: 20
Start date: 09/07/2019
- 22** **Title of the activity:** Exploring Digital Interpretation, Argumentation, Conflict
Type of activity: Session **Geographical area:** Non EU International
City of event: Tübingen, Germany
Convening entity: 46th Annual Conference on Computer Applications and Quantitive Methods in Archaeology
Type of participation: Organiser
Start date: 23/03/2018

R&D management

- 1** **Name of the activity:** IT project manager
Type of management: Management of R&D&I actions and projects
Performed tasks: Project management tasks in software development projects with research components in mobile platforms.
Entity: Chocosoft S.L. **Type of entity:** Business
Start date: 14/10/2015 **Duration:** 6 months
- 2** **Name of the activity:** IT project manager
Type of management: Management of R&D&I actions and projects
Performed tasks: Project management tasks in software development projects with research components in mobile platforms.
Entity: Chocosoft S.L.
Start date: 01/07/2011 **Duration:** 4 months

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** UNIVERSIDADE NOVA DE LISBOA **Type of entity:** University
Faculty, institute or centre: NOVA LABORATORY FOR COMPUTER SCIENCE AND INFORMATICS (NOVA LINCS). FACULDADE DE CIENCIAS E TECNOLOGIA
City of entity: Lisboa, Portugal
Start-End date: 26/10/2015 - 26/11/2015 **Duration:** 1 month
Goals of the stay: Doctorate
Provable tasks: Construction of software extraction models of requirements for the computational analysis of textual corpus in Galician and Spanish. Funding of the stay obtained in the competitive announcement of the Stays 2015 program of Axencia Galega de Innovación (GAIN). Program in Human Resources. Xunta de Galicia.
- 2** **Entity:** UNIVERSITÉ PARIS-1 PANTHEON SORBONNE **Type of entity:** University
Faculty, institute or centre: CENTRE DE RECHERCHE EN INFORMATIQUE (CRI)
City of entity: París, France
Start-End date: 30/10/2014 - 30/11/2014 **Duration:** 31 days
Goals of the stay: Doctorate
Provable tasks: Text mining and process mining techniques applied to Cultural Heritage environments. Funding of the stay obtained in the competitive announcement JAE-Pre 2014 program of Spanish National Research Council (CSIC).
- 3** **Entity:** UNIVERSIDAD ANDRÉS BELLO **Type of entity:** University
Faculty, institute or centre: FACULTAD DE INGENIERÍA
City of entity: Santiago de Chile, Chile
Start-End date: 01/03/2014 - 31/05/2014 **Duration:** 3 months
Goals of the stay: Professional software viability study
Provable tasks: Viability, modelling and empirical user testing in software for visualizing and processing data in cultural heritage. Partial funding of the stay obtained in competitive contest JPI-2013 (Ibero-America Young Professors and Researchers 2013, Banco Santander)
- 4** **Entity:** UNIVERSITY OF TECHNOLOGY SYDNEY **Type of entity:** University
Faculty, institute or centre: HUMAN CENTRED TECHNOLOGY DESIGN
City of entity: Sydney, Australia
Start-End date: 01/04/2013 - 16/04/2013 **Duration:** 15 days
Goals of the stay: Doctorate
Provable tasks: Software-Assisted Knowledge generation in Cultural Heritage Domain. Own funding.
- 5** **Entity:** Instituto de Estudios Gallegos Padre Sarmiento **Type of entity:** State agency
City of entity: Santiago de Compostela, Galicia, Spain
Start-End date: 31/08/2010 - 14/09/2010 **Duration:** 15 days
Goals of the stay: Guest
Provable tasks: Research analysis of the knowledge management and documental information software possibilities of the institution.



Obtained grants and scholarships

- 1** **Name of the grant:** Axudas en Recursos Humanos Estadías 2015 (Human Resources Grant for Research Mobility)
Aims: Pre-doctoral
Awarding entity: Axencia Galega de Innovación (GAIN). **Type of entity:** State agency
Conferral date: 13/05/2015
End date: 26/11/2015
Entity where activity was carried out: Universidade Nova de Lisboa
Faculty, institute or centre: NOVA LABORATORY FOR COMPUTER SCIENCE AND INFORMATICS (NOVA LINCS). FACULDADE DE CIENCIAS E TECNOLOGIA
- 2** **Name of the grant:** Becas Iberoamérica Jóvenes Profesores e Investigadores 2013, JPI-2013 (Ibero-America Young Professors and Researchers 2013, Santander Bank).
Aims: Estudio profesional
Awarding entity: BANCO SANTANDER, S.A.
Conferral date: 09/05/2013 **Duration:** 3 months
End date: 31/05/2014
Entity where activity was carried out: Universidad Andrés Bello
Faculty, institute or centre: Facultad de Ingeniería
- 3** **Name of the grant:** Programa JAE-Pre 2014 Movilidad (Human Resources Grant for Research Mobility)
Aims: Pre-doctoral
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Conferral date: 03/06/2014
Entity where activity was carried out: UNIVERSITÉ PARIS-1 PANTHEON SORBONNE
Faculty, institute or centre: CENTRE DE RECHERCHE EN INFORMATIQUE (CRI)

Scientific societies and professional associations

- 1** **Name of the society:** European Association for Digital Humanities (EADH)
Affiliation entity: European Association for Digital Humanities (EADH)
Start-End date: 01/01/2015 - 31/12/2022
- 2** **Name of the society:** Research Group on Spanish Grammar (Natural Language Processing)
Affiliation entity: University of Santiago de Compostela
Start-End date: 01/05/2018 - 31/08/2019
- 3** **Name of the society:** Spanish National Society on Natural Language Processing
Affiliation entity: Sociedad Española del Procesamiento del Lenguaje Natural SEPLN
Start date: 01/06/2022
- 4** **Name of the society:** PMI (Project Management Institute)
Affiliation entity: Project Management Institute **Type of entity:** Associations and Groups
City affiliation entity: United States of America
Start date: 17/11/2016



- 5** **Name of the society:** Spanish National Society of Software Engineering and Software Development Technologies
Affiliation entity: SISTEDES
City affiliation entity: Spain
Start date: 17/09/2015
- 6** **Name of the society:** Hispanic Digital Humanities Association (HDH)
City affiliation entity: España, Latinoamérica, Spain
Start date: 01/06/2015
- 7** **Name of the society:** Scrum Manager Association
Affiliation entity: Scrum Manager
City affiliation entity: United States of America
Start date: 31/12/2013
- 8** **Name of the society:** Computer Applications and Quantitative Methods in Archaeology Organization (CAA)
Affiliation entity: CAA International
City affiliation entity: Internacional,
Start date: 01/03/2012

Prizes, mentions and distinctions

Description: Best paper Award

Awarding entity: Seventh International Conference on Technological Ecosystems for Enhancing Multiculturality

Conferral date: 18/10/2019

Obtained accreditations/recognitions

- 1** **Description:** Acreditación Profesor Ayudante Doctor (Official figure in Spain for Assistant Professor)
Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** State agency de la Calidad y Acreditación
Date of recognition: 26/01/2021
- 2** **Description:** Acreditación Profesor Contratado Doctor (Official figure in Spain for Associate Professor)
Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** State agency de la Calidad y Acreditación
Date of recognition: 26/01/2021
- 3** **Description:** Acreditación Profesor Ayudante Doctor (Official figure in Spain for Assistant Professor)
Accrediting entity: ACSUG (Axencia para a calidade **Type of entity:** State agency do sistema Universitario de Galicia)
Date of recognition: 17/12/2020
- 4** **Description:** Acreditación Profesor Contratado Doctor (Official figure in Spain for Associate Professor)
Accrediting entity: ACSUG (Axencia para a calidade **Type of entity:** State agency do sistema Universitario de Galicia)
Date of recognition: 17/12/2020



5 **Description:** Acreditación Profesor Ayudante Doctor (Official figure in Spain for Assistant Professor)

Accrediting entity: ACSUCYL (agencia Calidad Sistema Universitario Castilla y León) **Type of entity:** State agency

Date of recognition: 03/04/2019

6 **Description:** Acreditación Profesor Contratado Doctor (Official figure in Spain for Associate Professor)

Accrediting entity: ACSUCYL (agencia Calidad Sistema Universitario Castilla y León) **Type of entity:** State agency

Date of recognition: 03/04/2019