

PERSONAL DATA

Email	josue.parentesis@gmail.com	Date of birth	19/11/1978
Phone	+34.651.55.25.09	Personal web site	www.parentesis.info

WORK HISTORY

- from Jul. 2015 **IT ENGINEER – FREELANCE**
- o Integral management of grants and subsidies
Writer of technological and market studies
[>40% of proposal approved]
[H2020, SME instrument, FP7, Fast Track to Innovation, COST, SBIR/STTR, etc.]
 - o Teaching and education
 - o Technical translations
- Sep. 2007 – Jul. 2015 **UPM – Technical University of Madrid**
CEDITEC – Centre for Technology Diffusion
GPDS – Data Processing and Simulation Group
SSR – Signals, Systems and Radiocommunications Department
Intelligent delivery of mobile contextual services, context information management, contextual modelling and reasoning under uncertainty in smart-space environments (Matlab, Java and Android SDK programming)
- o 09/2011 – 07/2015 Technical researcher
 - o 09/2007 – 09/2011 FPI Scholarship
Spanish Ministry of Education and Science & Innovation
- Apr. 2007 – Sep. 2007 **ERICSSON Spain, R&D department**
Development of integration and verification test of products, services and solutions in GSM/GPRS/UMTS mobile networks. Management and configuration of GSM/GPRS/UMTS test environments; configuration of test exchanges, simulators and traffic generators
- Jan. 2005 – Apr. 2007 **TELEFÓNICA R&D**
Network Engineer testing, integrating and deploying services related to email synchronization in mobile devices via GPRS/UMTS (BlackBerry, Seven's Always-On-Mail, Microsoft's «direct push», etc.). Research and documentation of new mobile services to synchronize email in mobile devices
- Dec. 1999 – Aug. 2002 **ERICSSON Spain, R&D department**
(similar activities as above)

EDUCATION

- from 2016 **Master in Scientific and Innovation Culture**
Universitat Politècnica de València + University of Oviedo
- from 2009 **PhD candidate (Communications Technologies and Systems)**
UPM – Technical University of Madrid
- o 02/2011 – 07/2011
Internship grant (Spanish Ministry of Education and Science & Innovation) in Agile Knowledge Engineering and Semantic Web group (AKSW). Institute for Applied Informatics. University of Leipzig (Germany)
- 2007 - 2009 **Master in Communications Technologies and Systems** (2 years degree)
UPM – Technical University of Madrid
- 2000 - 2004 **Bachelor of Science in Telecommunication Engineering** (+2 years degree)
UAH – University of Alcalá
- o 10/2002 – 07/2003
Bilateral ERASMUS programme agreement in Facoltà d'Ingegneria, Università degli Studi di Siena (Italy)
 - o 02/2004 – 07/2004
Final project thesis developed in NEWI (North East Wales Institute of Higher Education, United Kingdom)
- 1996 - 2000 **Bachelor of Science in Telematics Engineering** (3 years degree)
UPM – Technical University of Madrid

LANGUAGES

Spanish Mother tongue	English High level (C1 level – EOI degree)	Italian High level (EOI degree + experience)	French Basic level (Basic level – EOI degree)
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PUBLICATIONS / CONFERENCE PAPERS

2013

[An evidential and context-aware recommendation strategy to enhance interactions with smart spaces](#)

- Josué Iglesias, Ana M. Bernardos, and José R. Casar
- 8th International Conference on Hybrid Artificial Intelligence Systems (HAIS 2013), Volume 8073, pages. 242-251, ISBN: 978-3-642-40845-8, DOI:10.1007/978-3-642-40846-5_25, Springer
- Salamanca, Spain – September 2013

[MECCANO: a Mobile-Enabled Configuration framework to Coordinate and Augmented Networks of smart Objects](#)

- Ana M. Bernardos, Luca Bergesio, Josué Iglesias, José R. Casar
- J. UCS Journal of Universal Computer Science, voumen 19, issue 17, pages. 2503-2525
- 01–November–2013

[PERSEO: a system to Personalize the Environment Response through Smart phonEs and Objects](#)

- Luca Bergesio, Íñigo Marquínez, Ana M. Bernardos, Juan A. Besada, José R. Casar (presentación: Josué Iglesias)
- 5th International Workshop on Smart Environments and Ambient Intelligence (SeNAml 2013), pages. 640 – 645, ISBN: 978-1-4673-5075-4, DOI: 10.1109/PerComW.2013.6529572
- San Diego, California, USA – 22–March–2013

2012

[Model-Driven Methodology for Rapid Deployment of Smart Spaces Based on Resource-Oriented Architectures](#)

- Iván Corredor, Ana M. Bernardos, Josué Iglesias, José R. Casar
- Sensors 2012, 9286-9335; Special Issue "Sensors and Wireless Sensor Networks for Novel Concepts of Things, Interfaces and Applications in Smart Spaces". DOI: 10.3390/s120709286
- 6–July–2012

[An attitude-based reasoning strategy to enhance interaction with augmented objects](#)

- Josué Iglesias, David Gómez, Ana M. Bernardos, José R. Casar
- 2012 Sixth International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS'12), pages. 829-834, ISBN: 978-0-7695-4684-1/12, DOI 10.1109/IMIS.2012.29
- Palermo, Italy – July 2012

[Activity logging using lightweight classification techniques in mobile devices](#)

- Henar Martín, Ana M. Bernardos, Josué Iglesias, José R. Casar
- ACM/Springer Journal of Personal and Ubiquitous Computing. Theme Issue on: Electronic Memories and Life Logging. Springer London. DOI: 10.1007/s00779-012-0515-4
- 05–April–2012

[Towards a lightweight mobile semantic-based approach for enhancing interaction with smart objects](#)

- Josué Iglesias, Ana M. Bernardos, Luca Bergesio, Jesús Cano, José R. Casar
- 6th International Workshop on User-Centric Technologies and Applications (CONTEXTS'12)
- Published in "Distributed Computing and Artificial Intelligence. Advances in Intelligent and Soft Computing Series", Springer Berlin/Heidelberg. Volume 151, pages. 185-196, ISBN: 978-3-642-28764-0, DOI: 10.1007/978-3-642-28765-7_22
- Salamanca, Spain – March 2012

[Towards a fuzzy-based multi-classifier selection module for activity recognition applications](#)

- Henar Martín, Josué Iglesias, Jesús Cano, Ana M. Bernardos, José R. Casar
- 4th International Workshop on Sensor Networks and Ambient Intelligence (SeNAml 2012) - 2012 IEEE International Conference on Pervasive Computing and Communications Workshops (PerCom 2012), pages.871-876, ISBN: 978-1-4673-0905-9, DOI: 10.1109/PerComW.2012.6197634
- Lugano, Switzerland – March 2012

[A Development Methodology to Facilitate the Integration of Smart Spaces into the Web of Things](#)

- Iván Corredor, Josué Iglesias, Ana M. Bernardos, José R. Casar
- 4th International Workshop on Sensor Networks and Ambient Intelligence (SeNAml 2012) - 2012 IEEE International Conference on Pervasive Computing and Communications Workshops (PerCom 2012), pages. 829-834, ISBN: 978-1-4673-0905-9, DOI: 10.1109/PerComW.2012.6197626
- Lugano, Switzerland – March 2012

2011

[Design and validation of a light inference system to support embedded context reasoning](#)

- Josué Iglesias, Ana M. Bernardos, Paula Tarrío, José R. Casar, Henar Martín
- ACM/Springer Journal of Personal and Ubiquitous Computing. Theme Issue on: Sensor-driven Computing and Applications for Ambient Intelligence. Springer London. Issue 7, Volume 16, pags. 781-797, DOI: 10.1007/s00779-011-0447-4.
- 2012

[Towards Integrating Fuzzy Logic Capabilities into an Ontology-based Inductive Logic Programming Framework](#)

- Josué Iglesias, Jens Lehmann
- 11th International Conference on Intelligent Systems Design and Applications (ISDA'11)
- Published in "Proceedings of the 11th International Conference on Intelligent Systems Design and Applications", ISBN: 978-1-4577-1676-8, DOI: 10.1109/ISDA.2011.6121843, pags. 1323 - 1328
- Córdoba, Spain – November 2011

[A Bayesian strategy to enhance the performance of indoor localization systems](#)

- Josué Iglesias, Ana M. Bernardos, José R. Casar
- 5th International Workshop on User-Centric Technologies and Applications (CONTEXTS'11)
- Published in "User-Centric Technologies and Applications. Advances in Intelligent and Soft Computing Series", Springer Berlin/Heidelberg. Volume 94, pags. 79-92, ISBN: 978-3-642-19907-3, DOI: 10.1007/978-3-642-19908-0_9
- Salamanca, Spain – April 2011

[A ubiquitous activity-monitor to prevent sedentariness \(DEMO\)](#)

- Josué Iglesias, Jesús Cano, Ana M. Bernardos, José R. Casar
- 9th IEEE International Conference on Pervasive Computing and Communications (PerCom 2011)
- Published in "PerCom 2011 Workshop Proceedings", ISBN: 978-1-61284-938-6, DOI: 10.1109/PERCOMW.2011.5766894, pags. 319 -321
- Seattle (Washington), USA – March 2011

[Mobile Indoor Augmented Reality - Exploring applications in hospitality environments](#)

- Ana M. Bernardos, Jesús Cano, Josué Iglesias, José R. Casar
- 1st International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS 2011)
- Proceedings of the 1st International Conference on Pervasive and Embedded Computing and Communication Systems, César Benavente-Peces and Joaquim Filipe Eds., SciTePress, ISBN: 978-989-8425-48-5, pags. 232-236
- Algarve, Portugal – March 2011

2010

[A light reasoning infrastructure to enable context-aware mobile applications](#)

- Josué Iglesias, Ana M. Bernardos, Alejandro Álvarez, Marcos Sacristán
- 3rd International Workshop on Sensor Networks and Ambient Intelligence (SeNAml 2010)
- Published in "Proceedings of the 2010 IEEE/IFIP International Conference on Embedded and Ubiquitous Computing", ISBN: 978-0-7695-4322-2, DOI: 10.1109/EUC.2010.64, pags.386-391
- Hong Kong, China – December 2010

[Data modeling for Ambient Home Care Systems](#)

- Ana M. Bernardos, M. del Socorro Bernardos, Josué Iglesias, José R. Casar
- 4th International Workshop on User-Centric Technologies and Applications (CONTEXTS'10)
- Published in "Proceedings of the International Symposium on Distributed Computing and Artificial Intelligence 2010 (DCAI'10)". Volume 79, pags. 333-340, ISBN: 978-3-642-14882-8, DOI: 10.1007/978-3-642-14883-5_43
- Valencia, Spain – September 2010

[Using context-awareness to foster active lifestyles](#)

- Ana M. Bernardos, Eva Madrazo, Henar Martín, José R. Casar (presentación: Josué Iglesias)
- 4th International Workshop on User-Centric Technologies and Applications (CONTEXTS'10)
- Published in "Proceedings of the International Symposium on Distributed Computing and Artificial Intelligence 2010 (DCAI'10)", ISBN: 978-3-642-14882-8, DOI: 10.1007/978-3-642-14883-5_38, pags. 291-299
- Valencia, Spain – September 2010

An RFID-enabled framework to support Ambient Home Care Services

- Henar Martín, Eduardo Metola, Luca Bergesio, Ana M. Bernardos, Josué Iglesias, José R. Casar
- 3rd International EURASIP Workshop on RFID Technology (RFID 2010)
- Published in "Proceedings of the 3rd International EURASIP Workshop on RFID Technology, RFID 2010", pags. 30-33, ISBN: 978-84-96997-47-9
- La Manga del Mar Menor, Cartagena, Spain – September 2010

An embeddable fusion framework to manage context information in mobile devices

- Ana M. Bernardos, Eva Madrazo, José R. Casar (speaker: Josué Iglesias)
- 5th International Conference on Hybrid Artificial Intelligence Systems (HAIS'10)
- Published in "Hybrid Artificial Intelligence Systems", ISBN: 978-3-642-13802-7, DOI: 10.1007/978-3-642-13803-4_58, pags. 468-477
- San Sebastián, Spain – June 2010

2009

Designing a Framework to Handle Context Information

- Ana Hristova, Josué Iglesias, Ana M. Bernardos, José R. Casar
- 3rd International Workshop on User-Centric Technologies and Applications (MADRINET'09)
- Published in "Proceedings of the 3rd Workshop in User-Centric Technologies and Applications", ISBN: 978-84-613-2714-0, pags. 30-35
- Salamanca, Spain – June 2009

Moving forward on u-healthcare: A framework for patient-centric context management

- Ana Isabel Calvo-Alcalde, Ana M. Bernardos, Josué Iglesias, Juan José Andrés-Gutiérrez, Esteban Pérez-Castrejón, José R. Casar
- 3rd International Workshop on User-Centric Technologies and Applications (MADRINET'09)
- Published in "Proceedings of the 3rd Workshop in User-Centric Technologies and Applications", ISBN: 978-84-613-2714-0, pags. 10-15
- Salamanca, Spain – June 2009

Deploying context-aware services: A case study of rapid prototyping

- Ana M. Bernardos, Paula Tarrío, Josué Iglesias, José R. Casar
- 6th IEEE Conference on Consumer Communications and Networking Conference (CCNC)
- Published in "Proceedings of the 6th IEEE Conference on Consumer Communications and Networking Conference", ISBN: 978-1-4244-2308-8, pags. 1407-1411
- Las Vegas, EE.UU. – January 2009

2008

Design and deployment of context-aware services: a prototyping case-study

- Ana M. Bernardos, Paula Tarrío, Josué Iglesias, José R. Casar
- 2nd International Workshop on User-Centric Technologies and Applications (MADRINET'08)
- Published in "International Symposium on Distributed Computing and Artificial Intelligence 2008 (DCAI 2008)", ISBN: 978-3-540-85862-1. Volume 50, pags. 711-719, ISBN: 978-3-540-85862-1, DOI: 10.1007/978-3-540-85863-8_84
- Salamanca, Spain – October 2008

Integration of ADS-B surveillance data in operative multiradar tracking processors

- Gonzalo de Miguel Vela, Josué Iglesias, Juan Besada, Jesús García
- 11th International Conference on Information Fusion
- Published in "Proceedings of the 11th International Conference on Information Fusion (FUSION'2008)", ISBN: 978-3-8007-3092-6, pags. 1-8
- Köln, Germany – July 2008

Diseño y despliegue de servicios móviles basados en contexto: un caso de estudio

- Ana M. Bernardos, Paula Tarrío, Josué Iglesias, José R. Casar
- 3rd Iberian Conference on Information Systems and Technologies (CISTI'08)
- Published in "Proc. of the 3rd Iberian Conference on Information Systems and Technologies", ISBN: 978-84-612-4476-8, pags. 1087-1098
- Orense, Spain – June 2008

Technical committee program member (reviewer)

- WF-IoT
(The 2015 IEEE World Forum on Internet of Things; Applications, Technologies and Societal Impacts of Internet of Things; 14-16 December 2015 _ Milano, Italy)
- Information Fusion
(Volume 23, May 2015, Pages 16-24, ISSN 1566-2535)
- HAIS 2014
(The 8th International Conference on Hybrid Artificial Intelligent Systems)
- Fusion 2014
(17th International Conference on Information Fusion; Salamanca, 7-10th July 2014)
- DATE 2014
(Design, Automation & Test in Europe; The European event for electronic systems design & test; Dresden, Germany, March 24–28, 2014)
- SeNAml 2013
(5th International Workshop on Smart Environments and Ambient Intelligence; 18-22 marzo; San Diego, California, USA)
- SeNAml 2012
(4th International Workshop on Sensor Networks and Ambient Intelligence; 19-23 marzo; Lugano, Suiza)
- ISDA 2011
(11th International Conference on Intelligent Systems Design and Applications; 22-24 November; Córdoba)
- Special Issue SeNAml: Journal of Ambient Intelligence and Humanized Computing
ISSN: 1868-5137 (Print) 1868-5145 (Online)

Congress chair-man

- SeNAml 2013
(5th International Workshop on Smart Environments and Ambient Intelligence; 18-22 marzo; San Diego, California, USA)
- SeNAml 2012
(4th International Workshop on Sensor Networks and Ambient Intelligence; 19-23 marzo; Lugano, Switzerland)

RESEARCH PROJECTS INVOLVED

INFUSA: Integración de Técnicas de Fusión e Interpretación para el Desarrollo de Servicios basados en Estimación de Actividad en Espacios Inteligentes

- Ministerio de Ciencia e Innovación (TIN2011-28620-C02-02)
- Main researcher: José Ramón Casar Corredera
- 2012

SABESS: Social Awareness Based Emergency Situation Solver

- INNFACTO 2011, Ministerio de Ciencia e Innovación (IPT-2011-1052-390000)
- Main researcher: José Ramón Casar Corredera
- 2011 - 2014

THOFU: Tecnologías para el HOtel del Futuro

- CENIT, Ministerio de Ciencia e Innovación + CDTI + private fundings
- Main researcher: José Ramón Casar Corredera
- 2010 - 2013

CONTEXTS: CONcepts and Technology Enablers for conteXt-aware Services

- Programa de Actividades de I+D entre Grupos de Investigación en Tecnologías de la Comunidad de Madrid, Consejería de Educación
- Main researcher: José Ramón Casar Corredera
- 2010 - 2013

LOCATIL: Técnicas de Fusión de Sensores y Razonamiento Distribuido para el Desarrollo de Servicios Basados en Localización y Contexto: aplicación en AAL (Ambient-Assisted Living)

- Plan Nacional de I+D+i 2008-2011, Ministerio de Ciencia e Innovación
- Main researcher: José Ramón Casar Corredera
- 2009 - 2011

PIRAMIDE: Personalizable Interactions with Resources on AMI-Enabled Mobile Dynamics Environments.

- Ministerio de Industria, Turismo y Comercio + private fundings
- Main researcher: José Ramón Casar Corredera
- September 2008 - December 2010

MADRINET: Multidisciplinary Advanced Research in User-Centric Wireless Network Enabling Technologies

- Comunidad de Madrid, Consejería de Educación
- Main researcher: José Ramón Casar Corredera
- December 2005 - December 2009

COLOCAME: Integración de comunicaciones, localización y provisión inteligente de contenidos: arquitectura para servicios móviles emergentes

- CICYT + Ministerio de Educación y Ciencia
- Main researcher: José Ramón Casar Corredera
- January 2006 - December 2008

Técnicas avanzadas de análisis y explotación de datos de tráfico aéreo y simulación (segunda fase de MASDATA)

- AENA
- Main researchers: José Ramón Casar Corredera y Juan Alberto Besada Portas
- July 2007 - June 2008

Tecnologías de vigilancia, navegación y detección/resolución de conflictos para los futuros sistemas europeos de gestión de tráfico aéreo CNS/ATM

- Plan Nacional I+D+i, Ministerio de Ciencia e Innovación
- Main researcher: Gonzalo de Miguel Vela
- January 2009 - December 2011

AmlVital: Entorno Personal Digital para la Salud y el Bienestar

- CENIT, MINER + CDTI + private fundings. Realizado mediante tres subcontratos con:
 - Telefónica R+D
 - Siemens
 - Telvent Interactiva S.A.
- Main researcher: José Ramón Casar Corredera
- 2007 - December 2010

COMPLEMENTARY EDUCATION**Seminars and conferences**

Name	Speaker	Location	Date
1 st Interdisciplinary Course "Digital Culture and Citizenship"	Faculty of Philosophy and Letters	Autonomous University of Madrid	19-22/06/2004
Aruba Networks equipment and technology update day	Aruba Networks	Madrid	04/02/2008
Seminar on applications and mobile services platforms development	movilForum	Telefónica R+D Madrid	09/04/2008
Location Based Services seminar	movilForum	Telefónica R+D Madrid	10/04/2008
Ultra Mobile Pcs Workshops	movilForum	Telefónica R+D Madrid	12/06/2008
1 st User Generated Services Workshop	FP6 IST "OPUCE project"	Technical University of Madrid	25-26/06/2008
Workshop on technologies to support elder citizens quality of living	Cátedra Club de Roma de la UPM	Technical University of Madrid	15/06/2009
IEEE workshop on the Semantic Web in Spanish Industry	IEEE Student Board Madrid	Technical University of Madrid	09/12/2009
Madroño seminar: Guide for "Open Access" data management plan construction in Horizonte 2020 (PaugDa)	Consorcio Madroño	Technical University of Madrid	25/02/2015

Seminars and conferences (cont.)

Name	Speaker	Location	Date
IV Workshop on Data Journalism	Open Knowledge Spain	Medialab-Prado y Fundación Telefónica, Madrid	05-07/05/2016
National Workshop on Network of Telematic Teaching and Judicial Investigation	COITT	Madrid, COITT	06-07/05/2016
3 ^{er} Workshop on Dissemination and Communication of Science	Scientific Culture Unit	Technical University of Madrid	27/10/2016
CARTO BUILDER introductory workshop	Geolnquietos Madrid	Medialab-Prado	05/11/2016
II Citizens Science Meeting	Fundación Ibercivis	Medialab-Prado	25-26/11/2016
H2020 proposal writing workshop	INSPIRALIA	Madrid	06/03/2017
Digital Humanities Project Day	Biblioteca Nacional de España	Madrid	14/03/2017

Other issues

A selection of other courses, workshops and experiences is included next. Although not directly related to my main occupation, they can help to complete a more comprehensive view of my personal interests and concerns.

Courses, workshops and experiences – [social networks and Internet](#)

May. 2017	BIG DATA introduction 14/03/2017 – 16/03/2017 La Casa Encendida; Madrid
Apr. – Jun. 2017	Course on computer expertise specialized in digital gender violence Stop Digital Gender Violence Association
Nov. 2015	Radical Community Manager course 14-15/11/2015 Asociación Espiral; Medialab-Prado; Madrid
from 2007	“Federación de jóvenes investigadores” online forum moderator http://precarios.org
Jul. 2007	Web design strategies 23/07/2007 – 27/07/2007 IBM + CEIM

Courses, workshops and experiences – [ICTs](#)

Aug. 2007	WIMAX technology 02/08/2007 – 03/07/2007 IBM + CEIM
2005 - 2007	Several courses related to email servers and “push email” on mobile devices: BlackBerry Enterprise Server v4.0, Novell GroupWise Administrator, Microsoft Exchange Server 2003 Administrator, etc.
oct.–Dec. 2004	“Internet networks and infrastructures expert” course, as preparation for obtaining CISCO’s CCNA (250 hours)
1999 - 2002	Several courses related to mobile telephony, held in ERICSSON Spain: GSM System Introduction, TCP/IP Fundamentals, UMTS Core Network overview, WCDMA overview, etc.

Courses, workshops and experiences – design, image and video

- Nov. 2015 Workshop on Visual Thinking for teachers
21/10/2015
Asociación Espiral; Medialab-Prado; Madrid
- Jan.–Feb. 2008 Workshop on multimedia: Photoshop CS3
28/01/2008 – 01/02/2008
La Casa Encendida; Madrid
- Apr. 2007 Workshop on multimedia: Dreamweaver MX
31/03/2007 – 01/04/2007
La Casa Encendida; Madrid
- Jul. 2006 Workshop on multimedia: Flash
17/07/2006 – 21/07/2006
La Casa Encendida; Madrid
- Feb. 2004 Workshop on B/N photography
06/02/2004 – 12/02/2004
La Casa Encendida; Madrid

Courses, workshops and experiences – digital arts and maker collective

- 2017 Interactive video game development (Java and Processing programming)
Facade-TV in Medialab-Prado; Madrid
- oct. 2016 Exploiting sensors with Processing and Arduino (workshop with Luis Díaz)
17-20/10/2016
Faculty of Fine Arts – Universidad Complutense de Madrid

Courses, workshops and experiences – entrepreneurship and self-employment

- from 2015 Several workshops about entrepreneurship and self-employment:
- o Pros and cons of self-employment and entrepreneurship, search for alternatives to conventional employments; Davinia de la Rosa (speaker)
01/10/2015
Madrid On Rails; Madrid

Public speaking and presentations

- more than 20 high level and high quality presentations:
(mainly in English)
<http://es.slideshare.net/josuephd>

I consider myself as a flexible, independent and dynamic person, also with many concerns (not only professional, but personal too). I'm not looking for any kind of job, I'm looking to create my own job; a job to enjoy with, where I could fully develop my already known skills and where I could discover new ones.

I am currently interested in focusing my career on issues related to the management of research projects and the dissemination of scientific culture. Nowadays there exist plenty of projects where my technical background and expertise could be valuable. Other "more humanistic" subjects, such as communication and resources and people management, are also on my mind right now.