



**Comisión Interministerial de Ciencia y
Tecnología**

Curriculum vitae

Name: Jaime José García Reinoso

Date: September, 2021

Family name: García Reinoso
DNI: 76727036W

Date of birth : 22/03/74

First name: Jaime José
Sex: M

Present Position

Entity: Universidad de Alcala
Faculty: Escuela Politécnica Superior
Department: Automática (área de Telemática)
Address: Carretera Madrid-Barcelona Km. 33.6, 28801 Alcala de Henares, Madrid (Spain)

Telephone: +34 91 885 6826
E-mail: jaime.garciareinoso@uah.es

Specialization (UNESCO codes): 3325

Position: Profesor Titular

Start date: 1/9/2021

Administrative situation

Plantilla Contratado Interino Grant
 Other situations specify:

Dedication Full time
Partial time

Research interests

Telematic, security, telecommunication services, broadband access networks, residential networks, residential gateways, routing architectures, next generation networks, 5G and beyond, time-sensitive networks

Degrees

Bachelor/Master	Entity	Date
Telecommunication Engineer	E.T.S.I.T. of Vigo	1/06/2000
Advanced Studies Diploma	E.T.S.I.T. of Vigo	

PhD	Entity	Date
Communication Technology	University Carlos III of Madrid	1/07/2003

Previous activities

<u>Position</u>	<u>Institution</u>	<u>Dates</u>
Profesor visitante	Universidad Carlos III de Madrid	sep 2018 – aug 2021
Profesor Titular Interino	Universidad Carlos III de Madrid	sep 2004 – aug 2018
Profesor Ayudante Doctor	Universidad Carlos III de Madrid	oct-2003 – sep 2004
Profesor Ayudante	Universidad Carlos III de Madrid	oct 2002 – sep 2003
Profesor invitado	Universidad de Vigo	2001, 2002
Conferenciante	Universidad de Emden (Alemania)	2001
Becario	ATIC-Universidad de Vigo	oct2000-marzo 2001
Ingeniero de proyecto	Universidad de Vigo	ago 2000-sep 2002

Languages (R = regular, W = well, C = correctly)

<u>Language</u>	<u>Talk</u>	<u>Read</u>	<u>Write</u>
English	C	C	C
Spanish	C	C	C

Participation in R+D projects funded by public calls

(Nationals and/or Internationals)

Project/Contract title: Desarrollo de Aplicaciones de Valor Añadido sobre Tecnologías de Comunicaciones Móviles. Gestión Informática y Sistema de Parada de Subasta.

Contract type: Development
Funded by: SAEC DATA S.A.
Participating entities: Universidad de Vigo.
Main researcher: F. J. González Castaño.

Project/Contract title: Implantación de servicios IP en redes colectivas de cable.

Contract type: Development
Funded by: Televés SA.
Participating entities: Universidad de Vigo.
Main researcher: F. J. González Castaño.

Project/Contract title: Sistema de comercio móvil GSM/GPRS/WAP para acceso a la red de lonjas gallegas

Contract type: Development
Funded by: G-Móvil Ingenieros SL.
Participating entities: Universidad de Vigo.
Main researcher: F. J. González Castaño.

Project/Contract title: Empaquetado IP en redes colectivas de cable.

Tipo de contrato: Desarrollo.
Contract type: Development
Funded by: Televés SA.
Participating entities: Universidad de Vigo.
Main researcher: F. J. González Castaño.

Project title: Diseño de sistemas para la integración de tecnologías de acceso a redes de telecomunicación (1FD97-2248-C02-01 TIC).

Funded by: European Commission.
Participating entities: Departamento de Tecnologías de las Comunicaciones y Tecnología Electrónica de la Universidad de Vigo.
Duration, from: 1/00 until: 09/02
Main researcher: Pedro Salvador Rodríguez Hernández.

Project title: MUSE (Multi Service Access Everywhere).

Funded by: European Union. IST Programme (IST-2004-507295)
Participating entities: Alcatel Bell, Alcatel SEL, Alcatel CIT, Ericsson AB, Ericsson TH, Lucent NL, Lucent NS, Siemens, Thomson B, Thomson Nextream, Infinion, STM Belgium, STM France, STM Italy, BT Exact, FT R&D, PT Innovacao, TNO Telecom, Telefonica, TeliaSonera, Telecom Italia, T-Systems, BS Aarhus, Robotiker, IMEC, INRIA, Budapest UTE, ICCS/NTUA, Lund TH, Acreo, Univ.Carlos III Madrid, HHI, TU Eindhoven, Essex University
Duration, from: 2004 until: 2005
Main researcher: Arturo Azcorra Saloña

Project title: MUSE II (Multi Service Access Everywhere)

Funded by: European Union IST Programme (IST-2006-026442)
Participating entities: Alcatel-Lucent Bell NV, Alcatel-Lucent Deutschland AG, Ericsson AB, Ericsson TH, Siemens, Thomson B, Thomson Nextream, BT Exact, FT R&D, PT Innovacao, TNO Telecom, Telefonica, TeliaSonera, Telecom Italia, T-Systems, Telekomunikacja Polska, Robotiker, IMEC, INRIA, Budapest UTE, ICCS/NTUA, Lund TH, Acreo, Univ.Carlos III Madrid, HHI, TU Eindhoven, Essex University

Duration, from: 2006 until: 2007
Main researcher: Arturo Azcorra Saloña

Project title: CONTENT NoE
Funded by: European Union IST Programme (FP6-IST-038423)
Participating entities: Universidad Carlos III de Madrid (coordinator), Universitat Politècnica de Catalunya – CCABA, Lancaster University, Université Pierre et Marie Curie, Universidade de Coimbra, National and Kapodistrian University of Athens, Technische Universität Darmstadt, AGH University of Science and Technology, Universitet i Oslo, Delft University of Technology, Consorzio Interuniversitario Nazionale per l'Informatica - University of Napoli
Duration, from: 2006 until: 2009
Main researcher: Arturo Azcorra Saloña

Project title: TRILOGY
Funded by: European Union IST Programme (ICT-2007-216372)
Participating entities: British Telecommunications PLC (Coordinator), Deutsche Telekom, NEC Europe, NOKIA, Roke Manor Research, Athens University of Economics and Business, Universidad Carlos III de Madrid, University College London, Université catholique de Louvain, EURESCOM, Stanford University Law School
Duration, from: January 2008, until: December 2010
Main researcher: Arturo Azcorra

Project title: CON-PARTE
Funded by: Spanish Ministerio de Educación y Ciencia (TEC2007-67966-C03-03)
Participating entities: Universidad de Cartagena (coordinator), Universidad de Vigo, Universidad Carlos III de Madrid
Duration, from: 1/12/2007 until: 30/11/2010
Main researcher: Francisco Valera

Project title: BIOGRIDNET
Funded by: CAM (Comunidad Autónoma de Madrid, Spain) (S-0505/TIC/000101)
Participating entities: University Carlos III of Madrid (coordinator), University Complutense of Madrid, CNIO (Centro de Investigaciones Oncológicas)
Duration, from: 2006 until: 2009
Main researcher: Arturo Azcorra Saloña

Project title: MEDIANET
Funded by: CAM (Comunidad Autónoma de Madrid, Spain) (S2009/TIC-1468)
Participating entities: University Carlos III of Madrid (coordinator), University Complutense of Madrid, IMDEA Networks, University of Alcalá de Henares
Duration, from: 2010 until: 2013
Main researcher: Jaime García Reinoso

Project title: MEDIEVAL
Funded by: European Union IST Programme (FP7-ICT-258053)
Participating entities: ALCATEL – LUCENT BELL Labs France, Telecom Italia S.p.a., Portugal Telecom Inovação, Docomo Communications Laboratories Europe, Comsys Communication & Signal Processing Ltd., LiveU, Instituto de Telecomunicacoes, Universidad Carlos III de Madrid, Fundación IMDEA Networks, Consorzio Ferrara Ricerche, Università Degli Studi di Padova, EURECOM

Duration, from: July 2010 until: June 2013
Main researcher: Albert Banchs

Project title: TRILOGY 2

Funded by: European Union IST Programme (FP7-ICT-317756)

Participating entities: Universidad Carlos III de Madrid (coordinator), British Telecommunications plc, NEC Europe Ltd., University College of London, Université Catholique de Louvain, Intel Software Development SRL, Universitatea Politehnica din Bucuresti, Nextworks, OnApp Ltd., Telefónica I+D

Duration, from: January 2012 until: December 2015

Main researcher: Marcelo Bagnulo

Project title: MASSES

Funded by: Ministerio de Economía y Competitividad (MINECO – Spain) TEC2012-35443

Participating entities: Universidad Carlos III de Madrid

Duration, from: February 2013 until: January 2016

Main researcher: Jaime García-Reinoso

Project title: 5G-Crosshaul

Funded by: European Union, H2020 programme (H2020-671598)

Participating entities: Universidad Carlos III de Madrid, NEC Europe Ltd., Ericsson AB (EAB), Ericsson Telecomunicazioni (TEI), ATOS Spain S.A. (ATOS), Nokia Solutions and Networks GMBH & CO KG (NOK-N), InterDigital Europe LTD (IDCC), Telefónica I+D, Telecom Italia, Orange S.A. (ORANGE), Visiona IP (VISIONA), EBlink (EBlink), Nextworks, Core Network Dynamics (CND), TELNET Redes Inteligentes (TELNET), Fraunhofer-Gesellschaft Zur Foerderung Der Angewandten Forschung E.V., Centre Tecnologic de Telecomunicacions de Catalunya (CTTC), Center for research and telecommunication experimentation for networked communities (CREATE-NET), Politecnico di Torino (PoliTO), Lunds Universitet (ULUND) and Industrial Technology Research Institute Incorporated (ITRI)

Duration, from: July 2015 until: December 2017

Main researcher: Arturo Azcorra

Project title: 5G-NORMA

Funded by: European Union, H2020 programme (H2020-671584)

Participating entities: Nokia Solutions and Networks Management International GMBH, Nokia Solutions and Networks OY, Alcatel-Lucent Deutschland AG, Alcatel Lucent Bell Labs France, NEC Europe Ltd., ATOS Spain S.A. (ATOS), Deutsche Telekom AG, Orange S.A. (ORANGE), Telefónica I+D, Azcom Technology SRL, Nomor Research GMBH, Real Wireless Limited, King's College London, Technische Universitaet Kaiserslautern and University Carlos III of Madrid.

Duration, from: July 2015 until: December 2017

Main researcher: Peter Rost (Nokia)

Project title: 5GEx

Funded by: European Union, H2020 programme (H2020-671636)

Participating entities: ERICSSON MAGYARORSZAG KOMMUNIKACIOS RENDSZEREK K.F.T., ATOS SPAIN SA, ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS – RESEARCH CENTER, BISDN GMBH – BERLIN INSTITUTE FOR SOFTWARE DEFINED NETWORKS, BUDAPESTI MUSZAKI ES GAZDASAGTUDOMANYI EGYETEM, DEUTSCHE TELEKOM AG, ERICSSON TELECOMUNICAZIONI, HEWLETT PACKARD ITALIANA SRL, HUAWEI TECHNOLOGIES DÜSSELDORF GMBH, KUNGLIGA TEKNISKA HOEGSKOLAN, ORANGE SA, REDZINC SERVICES LIMITED, TELECOM ITALIA SPA, TELENOR, TELEFONICA INVESTIGACION Y DESARROLLO SA, UNIVERSIDAD CARLOS III DE MADRID, UNIVERSITY COLLEGE LONDON

Duration, from: October 2015 until: March 2018

Main researcher: Robert Szabo

Project title: 5G-Transformer

Funded by: European Union, H2020 programme (H2020-761536)

Participating entities: UC3M, NEC, Ericsson Italy, Atos Spain, Nokia Networks, InterDigital Europe, Telefonica I+D, Orange, CRF, SAMUR, B-COM, NextWorks, Mirantis, CTTC, Politecnico di Torino, Eurecom, Scuola Superiore Sant'Anna and ITRI.

Duration, from: June 2017 until: November 2019

Main researcher: Arturo Azcorra

Project title: 5G-EVE

Funded by: European Union, H2020 programme (H2020-815074)

Participating entities: Telecom Italy, Ericsson Italy, Ericsson Spain, Nokia Spain, Orange France, WINGS, OTE, Telefonica I+D, UC3M, Telcaria, NXW, CNIT, ...

Duration, from: July 2018 until: June 2021

Main researcher: Mauro Boldi

Publications

(KEY: B = complete book, BC = book chapter, A = article, R = "review", E = editor)

Authors: **J. García Reinoso**, J. Vales Alonso, F. J. González Castaño, L. Anido Rifón, P. S. Rodríguez Hernández
Title: A New m-Commerce Concept: m-Mall.

Ref. magazine book
Key: A Volume: 2232 Pages, start: 14 end: 25 Date: 2001
Publisher (if book): Springer-Verlag
Publication place: Lecture Notes in Computer Science

Authors: P. S. Rodríguez Hernández, F.J. González Castaño, J.M. Pousada Carballo, M. J. Fernández Iglesias, **J. García Reinoso**
Title: Cellular Network for Real-Time Mobile Auction

Ref. magazine book
Key: A Volume: 22, No.1 Pages, start: 23 end: 40 Date: 2002
Publisher (if book): Kluwer
Publication place: Wireless Personal Communications

Authors: F.J. González Castaño, L. Anido Rifón, E. Costa Montenegro,
J. Vales Alonso, **J. García Reinoso**.
Title: A New Transcoding Technique for PDA Browsers Based on Content Hierarchy

Ref. magazine book
Key: A Volume: 2411 Pages, start: 69 end: 80 Date: 2002
Publisher (if book): Springer-Verlag
Publication place: Lecture Notes in Computer Science

Authors: E. Costa Montenegro, F.J. González Castaño, **J. García Reinoso**, J. Vales Alonso, L. Anido Rifón
Title: Pushing Web Pages into Personal Digital Assistants: Need, Tools and Solutions

Ref. magazine book
Key: A Volume: 2411 Pages, start: 276 end: 280 Date: 2002
Publisher (if book): Springer-Verlag
Publication place: Lecture Notes in Computer Science

Authors: **J. –García Reinoso**
Title: Contribución al Desarrollo de Aplicaciones Alternativas de Bluetooth: Localización de Usuarios y Telemando

Ref. magazine book
Key: B Date: 2003
Publisher (if book): Universidad Carlos III de Madrid

Authors: F. J. González Castaño , **J. García Reinoso**, F. Gil Castiñeira, E. Costa-Montenegro, J.M. Pousada Carballo.
Title: Bluetooth-assisted context-awareness in educational data networks

Ref. magazine book
Key: A Volume: 45, Issue 1 Pages, start: 105 end: 121 Date: August, 2005
Publisher (if book): Elsevier
Publication place: Computers & Education

Authors: Hugo Gascón, David Díez, Jaime García, Francisco Valera, Carmen Guerrero and Arturo Azcorra
Title: Designing a broadband residential gateway using Click! modular router

Ref. magazine book
Key: A Volume: Pages, start: 213 end: 259 Date: July 2005
Publisher (if book): Universidad Carlos III de Madrid
Publication place: European Summer School , EUNICE'05. (ISBN: 84-89315-43-4). Madrid (Spain)

Authors: J García, F. Valera, D. Díez, H. Gascón, C. Guerrero, A. Azcorra
Title: Estudio de un router software para la implementación de una pasarela residencial

Ref. magazine book
Key: A Volume: Pages, start: 431 end: 437 Date: September 2005
Publisher (if book): Universidad de Vigo
Publication place: V Jornadas de Ingeniería Telemática, JITEL'05. (ISBN: 84-8408-346-2). Vigo (Spain)

Authors: C. Guerrero, J. Garcia, F. Valera, and A. Azcorra
Title: QoS Management in Fixed Broadband Residential Gateways

Ref. magazine book
Key: A Volume: Pages, start: 338 end: 349 Date: October 2005
Publisher (if book): Springer-Verlag
Publication place: Lecture Notes in Computer Science nº3754 . ISSN: 0302-9743. Barcelona (Spain)

Authors: Iván Vidal, Jaime García, Francisco Valera, Ignacio Soto, and Arturo Azcorra
Title: Adaptive Quality of Service Management for Next Generation Residential Gateways

Ref. magazine book
Key: A Volume: Pages, start: 183 end: 194 Date: October 2006
Publisher (if book): Springer-Verlag
Publication place: Lecture Notes in Computer Science nº4267. ISSN: 0302-9743. Dublin (Ireland)

Authors: I. Vidal, J. Garcia, F. Valera, I. Soto, A. Azcorra
Title: Integration of a QoS aware end user network within the TISPAN NGN solutions

Ref. magazine book
Key: A Volume: Pages, start: 152 end: 160 Date: February 2007
Publisher (if book): IEEE
Publication place: IEEE 4th European Conference on Universal Multiservice Networks (ECUMN'2007). ISBN 978-0-7695-2768-0. Toulouse (France)

Authors: Ivan Vidal, Francisco Valera, Jaime Garcia, Ignacio Soto, Arturo Azcorra
Title: Signalling cases and QoS management within TISPAN NGN residential environments

Ref. magazine book
Key: A Volume: 2, nº2 Pages, start: 28 end: 36 Date: April 2007
Publisher (if book): Academy Publisher
Publication place: Journal of Multimedia. ISSN: 1796-2048

Authors: I. Vidal , F. Valera, J. García, V. Pinto, V. Ribeiro, A. Azcorra
Title: QoS and authentication experiences within a residential broadband framework

Ref. magazine book
Key: A Volume: 4517 Pages, start: 91 end: 102 Date: May 2007
Publisher (if book): Springer-Verlag
Publication place: Lecture Notes in Computer Science nº4517. ISSN: 0302-9743. Coimbra (Portugal)

Authors: Ivan Vidal, Ignacio Soto, Francisco Valera, Jaime Garcia, Arturo Azcorra
Title: IMS signalling for multiparty services based on network level multicast

Ref. magazine book
Key: A Volume: Pages, start: 103 end: 111 Date: May 2007
Publisher (if book): IEEE
Publication place: 3rd EURO-NGI Conference on Next Generation Internet Networks. ISBN: 1-4244-0856-3. Trondheim (Norway)

Authors: I. Vidal, F. Valera, J. García, V. Pinto, V. Ribeiro, A. Azcorra
Title: QoS and authentication experiences within a residential broadband framework

Ref. magazine book
Key: A Volume: Pages, start: 64 end: 75 Date: May 2007
Publisher (if book): IEEE
Publication place: 2nd IEEE/IFIP International Workshop on Broadband Convergence Networks (BcN 2007). ISBN: 1-4244-1297-8. Munich (Germany)

Authors: I. Vidal, F. Valera, J. Garcia, M. Ibañez, R. Seepold, N. Martínez, A. Azcorra, V. Ribeiro, V. Pinto, H. Balemans, W. van Willigenburg

Title: Propuesta de pasarela residencial para una red futura de acceso multi-servicio

Ref. magazine book
Key: A Volume: Pages, start: 191 end: 198 Date: September 2007
Publisher (if book): Universidad de Málaga
Publication place: VI Jornadas de Ingeniería Telemática, JITEL'07. (ISBN: 978-84-690-6670-6). Málaga (Spain)

Authors: Francisco Valera, Jaime García, Iván Vidal, Arturo Azcorra
Title: Control de admisión y recursos en pasarelas residenciales 4G

Ref. magazine book
Key: A Volume: Pages, start: 621 end: 625 Date: September 2007
Publisher (if book): Universidad de Málaga
Publication place: VI Jornadas de Ingeniería Telemática, JITEL'07. (ISBN: 978-84-690-6670-6). Málaga (Spain)

Authors: V. Ribeiro, V. Pinto, J. Wellen, W. Hellenthal, W. Willigenburg, F. Valera, I. Vidal, J. García, M. Ibañez
Title: A European high speed Access Platform and Residential Gateway

Ref. magazine book
Key: A Volume: Pages, start: end: Date: December 2007
Publisher (if book): Internacional Thomson Editores Spain, S.A.
Publication place: Broadband Europe 2007. (ISBN: 978-90-7654-609-4) Antwerp (Belgium).

Authors: Iván Vidal, Francisco Valera, Jaime García, Arturo Azcorra, Vitor Pinto, Vitor Ribeiro
Title: Experiences with a flexible QoS capable residential gateway within a multiservice framework

Ref. magazine book
Key: A Volume: 2, No 1 Pages, start: end: Date: January 2008
Publisher (if book): Klidarithmos Press.
Publication place: Journal of Internet Engineering. ISSN 1791-177X. 2008

Authors: Iván Vidal, Ignacio Soto, Francisco Valera, Jaime García and Arturo Azcorra
Title: Multiparty Services in the IP Multimedia Subsystem

Ref. magazine book
Key: BC Volume: Pages, start: 361 end: 380 Date: 2008
Publisher (if book): CRC Pr I Llc Books.
Publication place: IP Multimedia Subsystem (IMS) Handbook. Ed. Ilyas, Mohammad ISBN: 9781420064599.

Authors: I. Martinez-Yelmo, A. Bikfalvi, R. Cuevas, C. Guerrero, and J. Garcia
Title: H-P2PSIP: Interconnection of P2PSIP domains for global multimedia services based on a hierarchical DHT overlay network

Ref. magazine book
Key: A Volume: 53 Pages, start: 556 end: 568 Date: February 2009
Publisher (if book):
Publication place: Computer Networks (Special Issue on Content Distribution Infrastructures for Community Networks)

Authors: Jaime Garcia-Reinoso, Iván Vidal, Francisco Valera and Arturo Azcorra
Title: Zero Config Residential Gateway Experiences for Next Generation Smart Homes

Ref. magazine book
Key: A Volume: 53, nº 18 Pages, start: 2963 end: 2984 Date: December 2009
Editorial (if book):
Publication place: Computer Networks (ISSN:1389-1286).

Authors: Alex Bikfalvi, Jaime Garcia-Reinoso, Ivan Vidal and Francisco Valera
Title: A peer-to-peer IPTV service architecture for the IP multimedia subsystem

Ref. magazine book
Key: A Volume: 23 Pages, start: 780 end: 801 Date: May 2010
Editorial (if book): John Wiley & Sons, Ltd
Publication place: International Journal of Communication Systems -special issue Next Generation Networks (ISSN: 1074-5351)

Authors: Ivan Vidal, Jaime Garcia-Reinoso, Francisco Valera and Alex Bikfalvi
Title: Enabling layered video coding for IMS-based IPTV home services
Ref. magazine book
Key: A Volume: 23, n°6 Pages, start: 30 end: 35 Date: November 2009
Editorial (if book):
Publication place: IEEE Network (ISSN: 0890-8044)

Authors: Ivan Vidal, Jaime Garcia-Reinoso, Antonio de la Oliva, Alex Bikfalvi, Ignacio Soto
Title: Supporting mobility in an IMS-based P2P IPTV service: a Proactive Context Transfer mechanism
Ref. magazine book
Key: A Volume: 33 (14) Pages, start: 1736 end: 1751 Date: July 2010
Editorial (if book): Elsevier
Publication place: Computer Communications. Special issue on Multimedia Networking and Security in Convergent Networks

Authors: Ivan Vidal, Jaime Garcia-Reinoso, Ignacio Soto, Francisco Valera
Title: *Evaluating Extensions to IMS Session Setup for Multicast-based Many-to-Many Services*
Ref. magazine book
Key: A Volume: 55 (3) Pages, start: 600 end: 621 Date: February 2011
Editorial (if book): Elsevier
Publication place: Computer Networks (<http://dx.doi.org/10.1016/j.comnet.2010.09.011>)

Authors: Alex Bikfalvi, Jaime Garcia-Reinoso, Ivan Vidal, Francisco Valera, Arturo Azcorra
Title: *P2P vs. IP Multicast: Comparing Approaches to IPTV Streaming Based on TV Channel Popularity*
Ref. magazine book
Key: A Volume: 55(6) Pages, start: 1310 end: 1325 Date: April 2011
Editorial (if book): Elsevier
Publication place: Computer Networks (<http://dx.doi.org/10.1016/j.comnet.2010.12.020>)

Authors: Ivan Vidal, Antonio de la Oliva, Jaime Garcia-Reinoso, Ignacio Soto
Title: *TRIM: an Architecture for Transparent IMS-based Mobility*
Ref. magazine book
Key: A Volume: 55(7) Pages, start: 1474 end: 1486 Date: May 2011
Editorial (if book): Elsevier
Publication place: Computer Networks (<http://dx.doi.org/10.1016/j.comnet.2011.01.011>)

Authors: Daniel Corujo, Iván Vidal, Jaime García-Reinoso, Rui Aguiar
Title: A Named Data Networking Flexible Framework for Management Communications
Ref. magazine book
Key: A Volume: 50(12) Pages, start: 36 end: 43 Date: December 2012
Editorial (if book): IEEE
Publication place: IEEE Communications Magazine (<http://dx.doi.org/10.1109/MCOM.2012.6384449>)

Authors: Ivan Vidal, Ignacio Soto, Maria Calderon, Jaime Garcia and Victor Sandonis
Title: Transparent Network-Assisted Flow Mobility for Multimedia Applications in IMS environments

Ref. magazine book
Key: A Volume: 51 (7) Pages, start: 97 end: 105 Date: July 2013
Publication place: IEEE Communications Magazine (<http://dx.doi.org/10.1109/MCOM.2013.6553684>)

Authors: Ivan Vidal, Jaime Garcia-Reinoso, Ignacio Soto, Antonio de la Oliva
Title: A Solution for Transparent Mobility with Route Optimization in the IP Multimedia Subsystem
Ref. magazine book
Key: A Volume: 36 (17-18) Pages, start: 1726 end: 1744 Date: November 2013
Publication place: Elsevier Computer Communications (<http://dx.doi.org/10.1016/j.comcom.2013.09.008>)

Authors: Jaime Garcia-Reinoso, Jose Alberto Hernandez, Isaac Seoane, Ivan Vidal
Title: On the effect of sudden data bursts in the upstream channel of Ethernet PONs employing IPACT under the ^{CS} gated-service discipline

Ref. magazine book
Key: A Volume: 13 (2014) Pages, start: 94 end: 102 Date: February 2014
Publication place: Elsevier Optical Switching and Networking (<http://dx.doi.org/10.1016/j.osn.2014.02.004>)

Authors: Jaime Garcia-Reinoso, Norberto Fernandez, Ivan Vidal, Jesus Arias Fisteus
Title: Scalable Data Replication in Content-Centric Networking based on Alias Names

Ref. magazine book
Key: A Volume: 47 (2014) Pages, start: 85 end: 98 Date: January 2015
Publication place: Elsevier Journal of Network and Computer Applications (<http://dx.doi.org/10.1016/j.jnca.2014.10.003>)

Authors: David Diez, Jaime Garcia-Reinoso, Ivan Vidal
Title: SFP: Statistical Filtering Policy for caching in Content Centric Networking

Ref. magazine book
Key: A Volume: TBC Pages, start: end: Date:
Publication place: Oxford – The Computer Journal

Authors: Jaime Garcia-Reinoso, Ivan Vidal, David Diez, Daniel Corujo, Rui L. Aguiar
Title: Analysis and Enhancements to Probabilistic Caching in Content-Centric Networking

Ref. magazine book
Key: A Volume: 58 (8) Pages, start: 1842 end: 1856 Date: August 2015
Publication place: Computer Journal

Authors: **Garcia-Reinoso, J.**; Vidal, I.; Bellavista, P.; Soto, I.; Aranda Gutierrez, P.A
Title: Transparent reallocation of control functions in IMS deployments

Ref. magazine book
Key: A Volume: 54 (1) Pages, start: 106 end: 112 Date: January 2016
Publication place:

Authors: Suarez, J.; Quevedo, J.; Vidal, I.; Corujo, D.; **Garcia-Reinoso, J.**; Aguiar, R.L
Title: A Secure IoT Management Architecture based on Information-Centric Networking

Ref. magazine book
Key: A Volume: 63 Pages, start: 190 end: 204 Date: March 2016
Publication place: Journal of Network and Computer Applications

Authors: Vidal, I; **Garcia-Reinoso, J.**; Soto, I; Valera, F; Lopez, D.
Title: SCoT: A secure content-oriented transport

Ref. magazine book
Key: A Volume: 105 Pages, start: 63 end: 78 Date: March 2018
Publication place: Journal of Network and Computer Applications

Authors: Vidal, I.; Bellavista, P.; Sanchez-Aguero, V.; Garcia-Reinoso, J.; Valera, F.; Nogales, B.; Azcorra, A.
Title: **Enabling Multi-Mission Interoperable UAS Using Data-Centric Communications**

Ref. magazine book
Key: A Volume: 18 (10):3421 Pages, start: end: Date: September 2018
Publication place: NDPI - Sensors

Authors: Nogales, B.; Vidal, I.; Lopez, Diego R.; Rodriguez, J.; Garcia-Reinoso, J.; Azcorra, A
Title: **Design and Deployment of an Open Management and Orchestration Platform for Multi-Site NFV Experimentation**

Ref. magazine book
Key: A Volume: 57 (1) Pages, start: 20 end: 27 Date: January 2019
Publication place: IEEE Communications Magazine

Authors: Nakimuli, W.; Garcia-Reinoso, J.; Nogales, B.; Vidal, I.; Gomes, D.; Lopez, D.
Title: **Reducing Service Creation Time Leveraging on Network Function Virtualization**

Ref. magazine book
Key: A Volume: 8 Pages, start: 155679 end: 155696 Date: August 2020
Publication place: IEEE Communications Magazine

Authors: Nogales, B.; Gonzalez, L.; Vidal, I.; Valera, F., **Garcia-Reinoso, J.**, Lopez, D.; Rodriguez, J.; Gonzalez, N.; Berberana, I.; Azcorra, A.
Title: **Integration of 5G Experimentation Infrastructures into a Multi-Site NFV Ecosystem**

Ref. magazine book
Key: A Volume: Pages, start: end: Date: February 2021
Publication place: JoVE Journal (doi <https://dx.doi.org/10.3791/61946>)

Authors: Perez, R.; **Garcia-Reinoso, J.**; Zabala, A.; Serrano, P.; Banchs, A.
Title: **An Experimental Publish-Subscribe Monitoring Assessment to Beyond 5G Networks**

Ref. magazine book
Key: A Volume: 80 Pages, start: end: Date: April 2021
Publication place: *J Wireless Com Network* (<https://doi.org/10.1186/s13638-021-01962-y>)

Authors: Nakimuli, W., Garcia-Reinoso, J.; Sierra-Garcia J.E.; Serrano, P.; Quintana Fernandez, I.
Title: **Deployment and Evaluation of an Industry 4.0 Use Case over 5G**

Ref. magazine book
Key: A Volume: 59 Pages, start: 14 end: 20 Date: July 2021
Publication place: IEEE Communications Magazine

Patents

Authors: Ivan Vidal and Jaime Garcia-Reinoso

Title: Procedimiento y sistema para gestionar la transferencia de usuarios asignados, entre elementos de redes IMS

Number: ES2572535 B1

Country: Spain

Date: 10/03/20017

Main entity: UC3M

Other countries:

Exploitation enterprise:

Research stays in foreign countries
(above one month)

KEY: D = PhD, P = postdoc, G = guest, C = contracted, O = Other (specify).

Place:			
City:	Country	Date:	Duration (weeks):
Research line:			
Key:			

Conferences

Authors: C. López Bravo, **J. García Reinoso**, F. J. González Castaño, P. S. Rodríguez Hernández, J.M. Pousada
Title: Integración de tecnologías de acceso de banda ancha. Proyecto HIAD.

Participation: article and presentation

Conference: III Jornadas de Ingeniería Telemática - JITEL

Publication: Proceedings

Place: Barcelona (Spain)

Date: September 2001

Authors: **J. García Reinoso**, J. Vales Alonso, F. J. González Castaño, L. Anido Rifón, P. S. Rodríguez Hernández
Title: A New m-Commerce Concept: m-Mall.

Participation: article and presentation

Conference: Second International Workshop on Electronic Commerce – WELCOM'01

Publication: Proceedings

Place: Heidelberg, Germany

Date: November 2001

Authors: **J. García Reinoso**, F. J. González Castaño, P. S. Rodríguez Hernández

Title: M-Mall Real-Time Location Protocols.

Participation: article and presentation

Conference: V Jornadas de Tiempo Real

Publication: Proceedings

Place: Cartagena, Spain

Date: February 2002

Authors: F. J. González Castaño, **J. García Reinoso**

Title: Bluetooth Location Networks.

Participation: article and presentation

Conference: IEEE Globecom International Conference

Publication: Proceedings

Place: Taipei, Taiwan

Date: November 2002

Authors: F. J. González Castaño, **J. García Reinoso**

Title: Survivable Bluetooth Location Networks.

Participation: article and presentation

Conference: IEEE International Conference on Communications

Publication: Proceedings

Place: Alaska, USA

Date: May 2003

Authors: C. Guerrero, J. Garcia, F. Valera, and A. Azcorra

Title: Soporte IMS en Pasarela Residencial en Redes de Acceso de Banda Ancha
Participation: article
Conference: Telecom I+D 2005

Publication: CD-ROM

Place: Madrid (Spain)

Date: 22 to 24 -11-05

Authors: J García, F. Valera, C. Guerrero and A. Azcorra
Title: Desarrollo de una Pasarela Residencial con restricciones de Calidad de Servicio en accesos de banda ancha
Participation: article
Conference: Telecom I+D 2005

Publication: CD-ROM de Ponencias

Place: Madrid (Spain)

Date: 22 to 24 -11-05

Authors: Francisco Valera, Jaime García, Carmen Guerrero, Vitor Manuel Ribeiro and Vitor Pinto
Title: Demo of Triple Play Services with QoS in a Broadband Access Residential Gateway
Participation: poster and demonstration
Conference: IEEE Infocom 2006

Publication: CD-ROM

Place: Barcelona (Spain)

Date: Abril 2006

Authors: Francisco Valera, Jaime García, Vitor Pinto, Iván Vidal, Vitor Ribeiro, Carmen Guerrero, Arturo Azcorra
Title: Pasarela residencial multiservicio con soporte de calidad garantizada para acceso de banda ancha
Participation: article
Conference: Telecom I+D 2006

Publication: CD-ROM

Place: Madrid (Spain)

Date: 21 to 23 -11-06

Authors: Iván Vidal, Jaime García, Francisco Valera, Ignacio Soto, Arturo Azcorra
Title: Gestión automática de la calidad de servicio en entornos residenciales de redes de próxima generación
Participation: article and poster
Conference: Telecom I+D 2006

Publication: CD-ROM

Place: Madrid (Spain)

Date: 21 to 23 -11-06

Authors: Julio César Gómez, Jaime García, Francisco Valera
Title: Redes y Servicios Internet de Nueva Generación. Mecanismos de QoS para servicios Triple Play en redes de nueva generación
Participation: article and poster
Conference: Telecom I+D 2006

Publication: CD-ROM

Place: Madrid (Spain)

Date: 21 to 23 -11-06

Authors: V. Ribeiro, V. Pinto, F. Valera, J. García, I. Vidal
Title: Triple Play Services with QoS demonstrator using a Broadband Residential Gateway
Participation: article and presentation
Conference: 6th IEEE Conference on Telecommunications. ConfTele2007

Place: Peniche (Portugal)

Date: May 2007

Authors: Jose Luis Cantarero, Iván Vidal, Jaime Garcia, Francisco Valera, Arturo Azcorra
Title: Plataforma Genérica para la Provisión de Servicios en Redes con Plano de Control IMS
Participation: article and presentation
Conference: VII Jornadas de Ingeniería Telemática (Jitel 2008).

Place: Alcalá de Henares, Madrid, Spain

Date: September 2008

Authors: Jaime Garcia, Iván Vidal, Francisco Valera, Arturo Azcorra
Title: Arquitectura de Pasarela Residencial Orientada a la Autoconfiguración
Participation: article and presentation
Conference: VII Jornadas de Ingeniería Telemática (Jitel 2008).

Place: Alcalá de Henares, Madrid, Spain

Date: September 2008

Authors: A. Bikfalvi, J. Garcia-Reinoso, Ivan Vidal, Francisco Valera
Title: Nozzilla: A Peer-to-Peer IPTV Distribution Service for an IMS-based NGN
Participation: article and presentation
Conference: Fifth International Conference on Networking and Services. ICNS 2009.

Place: Valencia, Spain

Date: April 2009

Authors: Jaime Garcia-Reinoso, Alex Bikfalvi, Ivan Vidal and Francisco Valera
Title: FLCoSt: A Novel Peer to Peer Architecture for Video Streaming in a Next Generation Network
Participation: Article and presentation
Conference: International Conference on Advances in P2P Systems, AP2PS 2009

Place: Sliema (Malta)

Date: October 2009

Required parameters are missing or incorrect.

Authors: David Diez-Hernandez, Jaime Garcia-Reinoso, Alberto Garcia-Martinez, Alex Bikfalvi, Ivan Vidal
Title: Distributed Management of Application Layer Multicast Trees for IPTV Services
Participation: Article and presentation
Conference: IX Jornadas de Ingenieria Telematica (JITEL 2010)

Place: Valladolid (Spain)

Date: September 2010

Authors: Vanesa Tejada, Ivan Vidal, Jaime Garcia-Reinoso, Francisco Valera
Title: Un Servidor de Aplicacion Distribuido para P2P IPTV en IMS
Participation: Poster
Conference: IX Jornadas de Ingenieria Telematica (JITEL 2010)

Place: Valladolid (Spain)

Date: September 2010

Authors: J. Garcia-Reinoso, G. Ibanez, J. Vazquez-Poletti, and I. Llorente
Title: The Medianet Project: Integration of Multimedia Services for the Next Generation's Business Oriented Internet
Participation: Article and presentation
Conference: International Workshop on Clouds for Business and Business for Clouds

Place: Madrid (Spain)

Date: July 2012

Authors: D. Corujo, R. L. Aguiar, I. Vidal, J. Garcia-Reinoso and K. Pentikousis
Title: Research Challenges Towards a Managed Information-Centric Network of Things
Participation: Article and presentation
Conference: European Conference on Networks and Communications (EuCNC)

Place: Bologna (Italy)

Date: June 2014

Authors: J. Suarez, I. Vidal, J. Garcia-Reinoso, F. Valera and A. Azcorra.
Title: Exploring the use of RPAs as 5G points of presence
Participation: Article and presentation
Conference: European Conference on Networks and Communications (EuCNC)

Place: Athens (Greece)

Date: June 2016

Authors: Ramon Perez, Jaime Garcia-Reinoso, Aitor Zabala, Pablo Serrano, Albert Banchs
Title: [A monitoring framework for multi-site 5g platforms](#)
Participation: Article
Conference: 2020 European Conference on Networks and Communications (EuCNC)

Place: Dubrovnik, Croatia

Date: June 2020

Authors: W. Nakimuli et al. (J. Garcia-Reinoso as 8th author)

Title: [Automatic deployment, execution and analysis of 5G experiments using the 5G EVE platform](#)

Participation: Article

Conference: 2020 IEEE 3rd 5G World Forum (5GWF)

Place: Bangalore (India)

Date: September 2020

Authors: Perez, R. et al. (J. Garcia-Reinoso as 4th author)

Title: A Performance Comparison of Virtualization Techniques to Deploy a 5G Monitoring Platform

Participation: Article

Conference: 2021 European Conference on Networks and Communications (EuCNC)

Place: Porto, Portugal

Date: June 2021

Supervised PhD thesis

Title: Peer-to-Peer Television for the IP Multimedia Subsystem

Student: Alexandru Bikfalvi

University: Carlos III de Madrid

Faculty: Escuela Politécnica Superior

Date: 18 July 2012

R&D management experience

R&D program management, R&D scheduling and actions

Title: MEDIANET (Integración de Servicios Multimedia de Siguiete Generación en la Internet del Futuro)

Type of activity: RTD, Comunidad de Madrid Project - Main Researcher

Date: January 2012 - 2014

Title: Asesoramiento y asistencia técnica en el área de algoritmos para extraer información social y de comportamiento de los datos de los usuarios de diferentes aplicaciones

Type of activity: Art. 83 - Main Researcher

Date: 1-1-2012 - 2014

Title: MASSES (Delivery of multimedia services in information-centric networking architectures)

Type of activity: RTD, National Project – Main Researcher

Date: January 2013 – September 2016

Other merits

1. *Technical review of COIT-AEIT prizes for the best PhD Thesis. Years: 2004, 2005, 2009*
2. *Participation in 9 commissions to evaluate Master Thesis in the Universidad Carlos III de Madrid (being the president in 3 of them).*
3. *Participation in the following commissions to evaluate PhD Thesis:*
 - *Koert Vlaeminck (Gentt University, September 2007)*
 - *Iván Vidal (University Carlos III of Madrid, April 2008)*
 - *Alberto Montilla (University Carlos III of Madrid, October 2009)*
 - *Isaías Martínez Yelmo (University Carlos III of Madrid, March 2010)*
 - *Juan Antonio Carral (University of Alcalá, May 2013)*
 - *Francisco Javier Parrado (University of Cartagena, May 2015)*
4. *Elected member for the staff meeting of the University Carlos III of Madrid. From May 2008 until 2010*
5. *Technical review of Torres Quevedo projects for the ANEP (four projects during 2009)*
6. *Direction of 1 Master Thesis presented to obtain the MsC in Telemmatic Engineering in the Universidad Carlos III de Madrid, year 2008.*
7. *Participation in more than 30 commissions to evaluate Master Thesis in the University Carlos III of Madrid (being the president in more than 10 of them).*
8. *Official congratulations letter in 2009 from the University Carlos III of Madrid because of to be in the top 24% in research activities.*
9. *Best paper prize (Motorola section) in the VII Jornadas de Ingeniería Telemática (Jitel'08)*
10. *Best paper prize in the Fifth International Conference on Networking and Services (ICNS'09)*
11. *Editor of the The Scientific World Journal edited by Hindawi Publishing Corporation (February 2012 – June 2016)*
12. *Subdirector of the Telematics Department in University Carlos III of Madrid (June 2016 – ongoing)*
13. *Member of the Steering Board of the 5TONIC laboratory*