



Jose María Saldaña Medina

Generated from: Editor CVN de FECYT

Date of document: 09/01/2026

v 1.4.3

d3d4b68ad34728f15a6856c8a44b4ca3

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>



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.

Google Scholar, user O3aa4uoAAAAJ

Total articles: 116

Total cites: 880

h index: 16

i10 index: 30

Scopus, author Id 37041446900

Total Articles: 63

Total cites: 352

h index: 10

Web of Science, researcher ID K-6595-2014

Profile summary

Total documents 62

Web of Science Core Collection publications 50

Preprints 0

Dissertations or Theses 0

Verified peer reviews 46

Verified editor records 13

Web of Science Core Collection metrics

H-Index 8

Publications in Web of Science 50

Sum of Times Cited 211

Citing Articles 169

Sum of Times Cited by Patents 2

Citing Patents 2

DBLP, Computer Science Bibliography 46 publications (17 journals, 27 conferences, 1 editorship, 1 other publications)



Journal Citations Reports: 21 articles

(13 articles as first author).

Total publications first quartile (Q1): 7

IEEE Communications Magazine (4 articles)

IEEE Access (2 articles)

IEEE Internet of Things Journal (1 article)

Total publications second quartile (Q2): 10

Computer Networks (1 article)

IEEE Communications Letters (4 articles)

Multimedia Tools and Applications (2 articles)

IEEE Access (2 articles)

Sensors (1 article)

Total publications third quartile (Q3): 2

Energies (1 article)

KSII Transactions on Internet and Information Systems (1 article)

Total publications fourth quartile (Q4): 2

KSII Transactions on Internet and Information Systems (1 article)

IEEE Latin America Transactions (1 article)

PhD Supervision

I have supervised a PhD thesis titled “IoTsafe: Método y sistema de comunicaciones seguras para ecosistemas IoT” (Jorge David de Hoz Diego).



Jose María Saldaña Medina

Surname(s): **Saldaña Medina**
 Name: **Jose María**
 ORCID: **0000-0002-6977-6363**
 ScopusID: **37041446900**
 ResearcherID: **K-6595-2014**
 dblp: **<https://dblp.uni-trier.de/pid/82/7704.html>**
 Google Scholar: **<https://scholar.google.com/citations?hl=es&user=O3aa4uoAAAAJ>**
 Research gate: **https://www.researchgate.net/profile/Jose_Saldana**
 Personal web page: **<https://scholar.google.com/citations?hl=es&user=O3aa4uoAAAAJ>**

Current professional situation

Employing entity: FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS

Department: Integración TIC, -

Professional category: Investigador

City employing entity: Zaragoza, Aragón, Spain

Email: jmsaldana@fcirce.es

Start date: 01/12/2020

Type of contract: Permanent employment contract **Dedication regime:** Full time

Primary (UNESCO code): 332201 - Power distribution

Secondary (UNESCO code): 332500 - Telecommunications technology

Identify key words: Nets; Engineering; Telematics; Electric engineering

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Zaragoza	Doctor Senior (Acceso al Sistema Español de Ciencia, Tecnología e Innovación)	16/10/2017
2	Universidad de Zaragoza	Doctor Colaborador Senior (N1)	01/01/2015
3	Universidad de Zaragoza	Doctor Colaborador Junior	23/10/2013
4	Universidad de Zaragoza	Doctor Colaborador Junior	01/07/2013
5	Universidad de Zaragoza	PAS	01/09/2008

- 1** **Employing entity:** Universidad de Zaragoza **Type of entity:** University
Professional category: Doctor Senior (Acceso al Sistema Español de Ciencia, Tecnología e Innovación)
Start-End date: 16/10/2017 - 30/11/2020



- 2** **Employing entity:** Universidad de Zaragoza **Type of entity:** University
Department: I3A
Professional category: Doctor Colaborador Senior (N1)
Start-End date: 01/01/2015 - 15/10/2017 **Duration:** 2 years - 9 months - 15 days
Type of contract: Temporary
Performed tasks: Personal Investigador N1-Doctor Colaborador Senior Servicios de Tiempo Real. Voz sobre IP (VoIP). Modelado de tráfico multimedia. Modelado de redes. Análisis de Calidad de Servicio (QoS) extremo a extremo. Movilidad IP. Juegos Online. Multiplexión. Compresión de Cabeceras
- 3** **Employing entity:** Universidad de Zaragoza **Type of entity:** University
Department: Instituto Universitario de Investigación en Ingeniería de Aragón (I3A)
Professional category: Doctor Colaborador **Leadership and management (Y/N):** No Junior
Start-End date: 23/10/2013 - 31/12/2014
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Proyecto TAMA
Area of leadership and/or management activity: University
Applicability in teaching and/or research: Investigación en tecnologías multimedia.
- 4** **Employing entity:** Universidad de Zaragoza **Type of entity:** University
Department: Instituto Universitario de Investigación en Ingeniería de Aragón (I3A)
Professional category: Doctor Colaborador **Leadership and management (Y/N):** No Junior
Start-End date: 01/07/2013 - 22/10/2013
Type of contract: Temporary employment contract
Performed tasks: Investigación.
Area of leadership and/or management activity: University
Applicability in teaching and/or research: Investigación Redes Telemáticas.
- 5** **Employing entity:** Universidad de Zaragoza **Type of entity:** University
Professional category: PAS
Start-End date: 01/09/2008 - 30/06/2013



Education

University education

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

- 1** **Name of qualification:** Master TICRM
City degree awarding entity: Zaragoza, Spain
Degree awarding entity: Universidad de Zaragoza
Date of qualification: 09/09/2010
- 2** **Name of qualification:** Ingeniero de Telecomunicación Especialidad Telemática
City degree awarding entity: Zaragoza, Spain
Degree awarding entity: Universidad de Zaragoza
Date of qualification: 21/01/1998

Doctorates

Doctorate programme: Doctor por la Universidad de Zaragoza (P.O.P. en Ingeniería de Telecomunicación)
Degree awarding entity: Universidad de Zaragoza **Type of entity:** University
City degree awarding entity: Zaragoza, Spain
Date of degree: 02/12/2011
Thesis title: Técnicas de Optimización de Parámetros de Red para la Mejora de la Comunicación en Servicios de Tiempo Real
Thesis director: Julián Fernández Navajas
Obtained qualification: Sobresaliente cum laude

Other postgraduate university studies

Postgraduate qualification: Experto Universitario en Gestión del I+D+i en la Empresa (Título propio de la UZ)
Degree awarding entity: Universidad de Zaragoza **Type of entity:** University
Faculty, institute or centre: EINA
Date of qualification: 22/12/2020

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

Title of course/seminar: Curso de formación pedagógica para el profesorado de nueva incorporación
Organising entity: Universidad de Zaragoza **Type of entity:** University
Duration in hours: 24 hours
Start-End date: 28/11/2017 - 16/01/2018



Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian	A1	A1	A1	A1	A1
English	C1	C1	C1	C1	C1
Spanish	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

- 1** **Name of the course:** Transporte de Servicios Multimedia Audiovisuales
University degree: Graduado o Graduada en Ingeniería de Tecnologías y Servicios de Telecomunicación
Start date: 22/02/2023 **End date:** 22/02/2023
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Zaragoza **Type of entity:** University
Faculty, institute or centre: EINA
Department: Ingeniería Electrónica y Comunicaciones
- 2** **Name of the course:** Internet de Nueva Generación
University degree: Graduado o Graduada en Ingeniería de Tecnologías y Servicios de Telecomunicación
Start date: 18/10/2021 **End date:** 18/10/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Zaragoza **Type of entity:** University
Faculty, institute or centre: EINA
Department: Ingeniería Electrónica y Comunicaciones
- 3** **Type of teaching:** Official teaching
Name of the course: Fundamentos de Redes
University degree: Graduado en Ingeniería de Tecnologías y Servicios de Telecomunicación
Start date: 16/09/2019 **End date:** 13/09/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 30
Entity: Universidad de Zaragoza **Type of entity:** University
Department: DIEC
- 4** **Type of teaching:** Official teaching
Name of the course: Diseño y administración de redes
University degree: Graduado en Ingeniería Informática
Start date: 16/09/2019 **End date:** 13/09/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 30
Entity: Universidad de Zaragoza **Type of entity:** University



- 5** **Type of teaching:** Official teaching
Name of the course: Diseño y administración de redes
University degree: Graduado en Ingeniería Informática
Start date: 17/09/2018 **End date:** 15/09/2019
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 60
Entity: Universidad de Zaragoza **Type of entity:** University
Faculty, institute or centre: EINA
City of entity: Zaragoza, Spain
- 6** **Type of teaching:** Official teaching
Name of the course: Fundamentos de Redes
University degree: Graduado en Ingeniería de Tecnologías y Servicios de Telecomunicación
Start date: 17/09/2018 **End date:** 15/09/2019
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 20
Entity: Universidad de Zaragoza **Type of entity:** University
Faculty, institute or centre: EINA
- 7** **Type of teaching:** Official teaching
Name of the course: Diseño y administración de redes
University degree: Graduado en Ingeniería Informática
Start date: 18/09/2017 **End date:** 16/09/2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 40
Entity: Universidad de Zaragoza **Type of entity:** University
Faculty, institute or centre: EINA
Department: DIEC
City of entity: Zaragoza, Spain
- 8** **Type of teaching:** Official teaching
Name of the course: Internet de nueva generación
University degree: Máster Universitario en Ingeniería de Telecomunicación
Start date: 18/09/2017 **End date:** 16/09/2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 12

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Medidas digitales en Smart Grids: Generación de datos, Transporte y Evaluación del rendimiento en redes WAN
Type of project: Bachelor's Thesis
Co-director of thesis: José M^a Saldaña Medina; José Ruiz Mas
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Manuel Gutiérrez Lardiés
Identify key words: Internet
Date of reading: 23/09/2024



- 2** **Project title:** IoTsafe: Método y sistema de comunicaciones seguras para ecosistemas IoT
Type of project: Doctoral thesis
Co-director of thesis: José Ruiz Mas; José M^a Saldaña Medina
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Jorge David de Hoz Diego
Obtained qualification: Sobresaliente cum laude
Identify key words: Internet
Date of reading: 01/07/2020
- 3** **Project title:** Gestión de la distribución del tráfico en un entorno WLAN
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Pedro Fortón Rubio
Obtained qualification: Notable
Date of reading: 13/02/2019
- 4** **Project title:** Análisis de la eficiencia de túneles LISP con multiplexión y seguridad
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Andrés García Cavero
Obtained qualification: Notable
Date of reading: 26/09/2017
- 5** **Project title:** Agrupamiento de tramas en Wi-Fi: Mejora de la eficiencia en la red a través del mecanismo de agregación.
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Cristian Hernández Fernández
Obtained qualification: 8.3
Date of reading: 14/12/2016
- 6** **Project title:** Optimización de Tráfico de Red mediante Compresión, Multiplexión y Tunelado: Análisis y Caracterización
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Ignacio Forcén Cabrejas
Obtained qualification: 9
Date of reading: 08/10/2015
- 7** **Project title:** Smart City: Sistema para acercar el pequeño comercio al ciudadano (MYCITY4ME)
Type of project: End of course project
Co-director of thesis: Bernués del Río Emiliano
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Jesús Martín González
Obtained qualification: Sobresaliente
Date of reading: 27/06/2014
- 8** **Project title:** Movilidad IP en redes heterogéneas: optimización de flujos de tráfico con QoS
Type of project: Proyecto Final de Máster
Co-director of thesis: José Ruiz Mas (ponente)
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Andrés Chesa Badía
Obtained qualification: 5.0
Date of reading: 19/11/2013



- 9** **Project title:** Análisis de prestaciones de un sistema de videoconferencia comercial
Type of project: End of course project
Co-director of thesis: Julián Fernández Navajas (ponente)
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Carlos Fernández Barberá
Obtained qualification: 8.3
Date of reading: 18/09/2013
- 10** **Project title:** Análisis de un sistema CAC para Telefonía IP
Type of project: End of course project
Co-director of thesis: Julián Fernández Navajas (ponente)
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Jenifer Murillo Royo
Obtained qualification: 9.0
Date of reading: 12/03/2010
- 11** **Project title:** Seguridad y Alta Disponibilidad en un Sistema de ToIP
Type of project: End of course project
Co-director of thesis: Julián Fernández Navajas (ponente)
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Adrián Rejas Conde
Obtained qualification: 8.5
Date of reading: 17/12/2009
- 12** **Project title:** Implementación de Control de Admisión en Sistemas ToIP
Type of project: End of course project
Co-director of thesis: Julián Fernández Navajas (ponente)
Entity: Universidad de Zaragoza **Type of entity:** University
Student: Laura Esteban Boillos
Obtained qualification: 9.0
Date of reading: 06/07/2009

Student tutorials

- 1** **Name of the programme:** Plan de Orientación de la Universidad de Zaragoza 2018-2019, estudiantes de 2º y 3º curso
Entity: Universidad de Zaragoza **Type of entity:** University
City of entity: Zaragoza, Aragón, Spain
Number of recognized hours/ECTS credits: 50
Number of tutored students: 80
- 2** **Name of the programme:** Plan de Orientación de la Universidad de Zaragoza 2019-2020, estudiantes de 4º curso
Entity: Universidad de Zaragoza **Type of entity:** University
City of entity: Zaragoza, Aragón, Spain
Number of recognized hours/ECTS credits: 50
Number of tutored students: 80



Materials and other teaching or educational publications.

- 1** Javier Serrano; José M^a Saldaña Medina; Julián Fernández Navajas. Acta congreso: III Jornadas de Innovación Educativa en Ingeniería Telemática, Actas XI Jornadas de Ingeniería Telemática (JITEL 2013), pp 577 - 584, Acta congreso: III Jornadas de Innovación Educativa en Ingeniería Telemática, Actas XI Jornadas de Ingeniería Telemática (JITEL 2013). 1 - 1, pp. 577 - 584. Andalucía (Spain): ISBN 978-84-616-5597-7
Name of the materials: Aplicación al ámbito académico de un entorno de Simulación/Emulación de Arquitecturas de Red
Target group profile: Profesores Universitarios del Área de Telemática
Date of drafting: 28/10/2013
Format: Article(s)
Degree of contribution: Author or co-author of scientific or technical document for the general public
Corresponding author: No
Position of signature: 2
- 2** José M^a Saldaña Medina; Julián Fernández Navajas; José Ruiz Mas. Acta congreso: II Jornadas de Innovación Educativa en Ingeniería Telemática, Actas X Jornadas de Ingeniería Telemática (JITEL 2011), Acta congreso: II Jornadas de Innovación Educativa en Ingeniería Telemática, Actas X Jornadas de Ingeniería Telemática (JITEL 2011). pp. 54 - 61. Cantabria (Spain): ISBN 9788469459508
Name of the materials: Uso de la Tecnología de Virtualización Xen en el Análisis de Protocolos de Comunicación
Target group profile: Profesores Universitarios del Área de Telemática
Date of drafting: 28/09/2011
Format: Article(s)
Degree of contribution: Author or co-author of scientific or technical document for the general public
Corresponding author: Yes
Position of signature: 1

Participation in innovative teaching projects

Project title: Estudio del impacto de diferentes estrategias para fomentar el estudio continuo de los estudiantes en la adquisición de competencias. identificador PIIDUZ_19_154
Type of participation: Team member
Time of working relationship: For a limited time
Funding entity: Universidad de Zaragoza
Start-End date: 01/09/2019 - 30/08/2020
Type of entity: University
Duration: 1 year

Participation in conferences with talks focused on teacher training

Name of the event: II Jornadas de Innovación Educativa en Ingeniería Telemática, organizadas en conjunción con las X Jornadas de Ingeniería Telemática (JITEL 2011)
Type of event: Training Session
City of event: Santander, Cantabria, Spain
Organising entity: Asociación de Telemática (ATEL)
City organizing entity: Santander, Cantabria, Spain



Other activities/achievements not included above

- 1** **Description of the activity:** External Reviewer, Tesis:Especificación, implementación y evaluación de soluciones de sincronización multimedia híbrida (broadcast/broadband) e inter-destinatario para posibilitar nuevas experiencias televisivas enriquecidas, personalizadas, inmersivas y compartidas. Doctorando: Daniel Marfil Reguero
Organising entity: Universitat Politècnica de València **Type of entity:** University
End date: 07/06/2022
- 2** **Description of the activity:** External Reviewer, Tesis:Arquitectura de Interoperabilidad de dispositivos físicos para IoT. Doctorando: Diana Cecilia Yacchirema Vargas
Organising entity: Universitat Politècnica de València **Type of entity:** University
End date: 10/05/2019
- 3** **Description of the activity:** Vocal Suplente del Tribunal Tesis Doctoral "Energy and cost management in shared heterogeneous network deployments"
Organising entity: Universitat Politècnica de Catalunya **Type of entity:** University
End date: 01/02/2019
- 4** **Description of the activity:** Secretario Tribunal Tesis Doctoral: Improvements to Multimedia Content Delivery over IEEE802.11 Networks
City of activity: Albacete, Castilla-La Mancha, Spain
Organising entity: Universidad de Castilla La Mancha **Type of entity:** University
End date: 01/05/2018
- 5** **Description of the activity:** External Reviewer, Tesis: Improving Message Dissemination in Opportunistic Networks. Doctorando: JORGE HERRERA TAPIA
Organising entity: Universidad Politécnica de Valencia, Programa de Doctorado en Informática
End date: 10/05/2017
- 6** **Description of the activity:** Suplente del Tribunal Título: "SOSLite: Soporte para Sistemas Ciber-Físicos y Computación en la Nube" Doctorando: Juan Vicente Pradilla Ceron
Organising entity: Universitat Politecnica de Valencia **Type of entity:** University
End date: 01/11/2016
- 7** **Description of the activity:** Secretario del Tribunal Tesis: Identidad Digital Evolutiva Doctorando: José Luis Tornos Martínez
Organising entity: Universidad de Zaragoza **Type of entity:** University
End date: 05/02/2016
- 8** **Description of the activity:** Suplente del Tribunal Tesis Doctoral presentada por Don Carlos Rey Moreno Título: "COMMUNITY TELCO: AN ACCEPTABLE SOLUTION FOR PROVIDING AFFORDABLE COMMUNICATIONS IN RURAL AREAS OF SOUTH AFRICA"
Organising entity: Universidad Rey Juan Carlos **Type of entity:** University
End date: 30/11/2015
- 9** **Description of the activity:** Secretario Tribunal Tesis Doctoral: DESIGN, DEVELOPMENT AND EVALUATION OF AN ADAPTIVE AND STANDARDIZED RTP/RTCP-BASED IDMS SOLUTION
City of activity: Gandía, Comunitat Valenciana, Spain
Organising entity: Universitat Politècnica de València **Type of entity:** University



End date: 02/03/2015

Scientific and technological experience

Research and development groups/teams

- Name of the group:** Communications Networks and Information Technologies for e-Health and Quality of Experience Group (CeNITEQ)
Aims of the group: Investigación en Redes y tecnologías para servicios de tiempo real y e-health
Type of collaboration: Co-authorship of publications
Affiliation entity: Universidad de Zaragoza **Type of entity:** University
Start date: 01/01/2014
- Name of the group:** Grupo de Tecnologías de las Comunicaciones
Aims of the group: Investigación en Redes y Servicios de Telecomunicación
Affiliation entity: Universidad de Zaragoza **Type of entity:** University
Start date: 01/09/2008 **Duration:** 5 years - 4 months

Scientific or technological activities

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

- Name of the project:** Horizon Europe ESTELAR - Effective Substation TEchnoLogies for Advanced viRtualization
Type of project: Research and development, including transfer **Geographical area:** European Union
Degree of contribution: Scientific coordinator
Entity where project took place: FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS
City of entity: Zaragoza, Aragón, Spain
N° of researchers: 20
Type of participation: Principal investigator
Name of the programme: Horizon Europe
Code according to the funding entity: Grant agreement No. 101192574
Start-End date: 01/01/2025 - 31/12/2027 **Duration:** 3 years
Total amount: 2.499.960 €
Dedication regime: Part time
- Name of the project:** Horizon Europe eFORT - Establishment of a FramewORk for Transforming current EPES into a more resilient, reliable and secure system all over its value chain
Type of project: Research and development, including transfer **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS
City of entity: Zaragoza, Aragón, Spain
N° of researchers: 100



Type of participation: Team member
Name of the programme: Horizon Europe
Code according to the funding entity: Grant agreement No. 101075665
Start-End date: 01/09/2022 - 31/08/2026 **Duration:** 4 years
Total amount: 9.321.022,5 €
Dedication regime: Part time

3 **Name of the project:** H2020 CORALIS - Creation Of new value chain Relations through novel Approaches facilitating Long-term Industrial Symbiosis
Type of project: Research and development, including transfer **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS
City of entity: Zaragoza, Aragón, Spain
Nº of researchers: 150
Type of participation: Team member
Name of the programme: Horizon 2020
Code according to the funding entity: Grant agreement ID: 958337
Start-End date: 01/10/2020 - 30/09/2024
Total amount: 22.724.166,25 €
Dedication regime: Part time

4 **Name of the project:** H2020 FARCROSS - Facilitating Regional CROSS-border Electricity Transmission through Innovation
Type of project: Research and development, including transfer **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS
City of entity: Zaragoza, Aragón, Spain
Nº of researchers: 100
Type of participation: Team member
Name of the programme: Horizon 2020
Code according to the funding entity: Grant agreement ID: 864274
Start-End date: 01/10/2019 - 30/09/2023
Total amount: 13.643.692,5 €
Dedication regime: Part time

5 **Name of the project:** Wi-5 What to do With the Wi-Fi Wild West
Type of project: Research and development, including transfer **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: Universidad de Zaragoza **Type of entity:** University
City of entity: Zaragoza, Aragón, Spain
Name principal investigator (PI, Co-PI....): Julián Fernández Navajas
Nº of researchers: 9 **Nª people/year:** 60
Funding entity or bodies: COMISION EUROPEA **Type of entity:** State agency
Type of participation: WP3 leader



Name of the programme: H2020

Code according to the funding entity: Grant agreement No: 644262

Start-End date: 01/01/2015 - 30/04/2018

Duration: 3 years - 4 months

Total amount: 298.473,75 €

Dedication regime: Full time

6 Name of the project: Implementación de una herramienta de multiplexión para la optimización y securización de tráfico y recursos de red (IHMOST)

Degree of contribution: Researcher

Entity where project took place: Universidad de Zaragoza **Type of entity:** University

City of entity: Zaragoza, Aragón, Spain

Name principal investigator (PI, Co-PI....): Julián Fernández Navajas

Nº of researchers: 8

Funding entity or bodies:

Universidad de Zaragoza

Type of entity: University

City funding entity: Zaragoza, Aragón, Spain

Type of participation: Team member

Name of the programme: Proyecto Puente

Code according to the funding entity: UZ2014-TEC-02

Start-End date: 01/01/2015 - 31/12/2015

Total amount: 5.610 €

7 Name of the project: Tecnologías Audio-visuales Multimodales Avanzadas (TAMA)

Type of project: Research and development, including transfer **Geographical area:** Regional

Degree of contribution: Managing coordinator

Entity where project took place: Universidad de Zaragoza **Type of entity:** University

Name principal investigator (PI, Co-PI....): Carlos Orrite Uruñuela

Nº of researchers: 15

Funding entity or bodies:

Gobierno de Aragón

Type of entity: Gobierno Autónomico

City funding entity: Spain

Type of participation: Technical coordinator

Name of the programme: Gobierno de Aragón

Code according to the funding entity: UZ-2013/0255

Start-End date: 01/01/2013 - 31/12/2014

Total amount: 397.000 €

8 Name of the project: Living Lab on Co-creation and User Experience. Cátedra Telefónica

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad de Zaragoza **Type of entity:** University

City of entity: Zaragoza, Aragón, Spain

Name principal investigator (PI, Co-PI....): Blanca Hernández Ortega; José Ruiz Mas

Nº of researchers: 10

Funding entity or bodies:

FUNDACION TELEFONICA



City funding entity: Spain

Type of participation: Team member

Name of the programme: Cátedra Telefónica

Start-End date: 01/01/2011 - 31/12/2014

Total amount: 24.000 €

9 Name of the project: Cuantificación de la calidad percibida por el usuario (QoE) para flujos IP integrados en servicios de banda ancha

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad de Zaragoza **Type of entity:** University

Name principal investigator (PI, Co-PI....): Julián Fernández Navajas

Nº of researchers: 11

Funding entity or bodies:

MINISTERIO DE CIENCIA E INNOVACION **Type of entity:** State agency

Type of participation: Team member

Name of the programme: MICINN

Code according to the funding entity: TIN2010-17298

Start-End date: 01/01/2011 - 31/12/2013 **Duration:** 3 years

Total amount: 30.129 €

10 Name of the project: RTCTCM, Red Temática en Codificación y Transmisión de Contenidos Multimedia

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad de Zaragoza **Type of entity:** University

City of entity: Zaragoza, Aragón, Spain

Name principal investigator (PI, Co-PI....): Otoniel Mario López Granado

Nº of researchers: 177

Funding entity or bodies:

Ministerio de Ciencia e Innovación **Type of entity:** Ministerio

City funding entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Team member

Name of the programme: MICINN

Code according to the funding entity: TEC2010-11776-E

Start-End date: 29/07/2011 - 29/07/2012

Total amount: 12.000 €

11 Name of the project: RUBENS (Rethinking the Use of Broadband access for Experience-optimized Networks and Services)

Type of project: Industrial research

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: Universidad de Zaragoza **Type of entity:** University

City of entity: ZARAGOZA, Aragón, Spain

Name principal investigator (PI, Co-PI....): Julián Fernández Navajas

Nº of researchers: 8

Funding entity or bodies:

Ministerio de Ciencia e Innovación **Type of entity:** Avanza I+d



City funding entity: Madrid, Madrid, Comunidad de, Spain

Type of participation: Team member

Name of the programme: Celtic

Code according to the funding entity: AVANZAI+D (TSI-020400-2008-20). CELTIC Program (CELTIC CP5-020).

Start-End date: 01/01/2008 - 31/12/2009

Total amount: 248.000 €

12 Name of the project: IMPLEMENTACIÓN DE UN MBAC BASADO QOS PARA SISTEMAS TOIP. MBACTOIP (COFINANCIACIÓN ARAID 2010)

Geographical area: Regional

Entity where project took place: Escuela De Ingeniería y Arquitectura - Universidad de Zaragoza

Name principal investigator (PI, Co-PI....): Julián Fernández Navajas

Nº of researchers: 4

Funding entity or bodies:

ORBE TELECOMUNICACIONES, S.L.

Start date: 01/06/2010

Duration: 2 years - 1 day

Total amount: 20.237 €

13 Name of the project: Implementación de un MBAC basado en QoS para Sistemas ToIP (MBACTOIP) (SUBVENCIÓN ARAID 2010)

Geographical area: Regional

Entity where project took place: Escuela De Ingeniería y Arquitectura - Universidad de Zaragoza

Name principal investigator (PI, Co-PI....): Julián Fernández Navajas

Nº of researchers: 7

Funding entity or bodies:

ARAGON I+D

Start date: 01/06/2010

Duration: 2 years - 1 day

Total amount: 33.873 €

14 Name of the project: Cátedra Telefónica 2010. Nuevos Canales de Distribución en Servicios Interactivos IP: Cuantificación de la Calidad de la Experiencia

Entity where project took place: Escuela De Ingeniería y Arquitectura - Universidad de Zaragoza

Name principal investigator (PI, Co-PI....): José De Las Huertas Ruiz Más

Nº of researchers: 18

Funding entity or bodies:

CATEDRA TELEFONICA

Start date: 15/03/2010

Duration: 1 year - 1 day

Total amount: 8.000 €

15 Name of the project: GOBIERNO ELECTRÓNICO, PARTICIPACIÓN CIUDADANA Y DEMOCRATIZACIÓN DEL CONOCIMIENTO ¿DEBATIR E INFORMAR O DECIDIR Y FORMAR?

Geographical area: Regional

Entity where project took place: Facultad De Economía y Empresa (f.Cc.Ee.Yee) - Universidad de Zaragoza

Name principal investigator (PI, Co-PI....): José María Moreno Jiménez

Nº of researchers: 24

Funding entity or bodies:

DIPUTACION GENERAL DE ARAGON



Start date: 01/10/2009
Total amount: 60.000 €

Duration: 2 years

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

- 1 Name of the project:** Wireless LAN based on use of Light Virtual WiFi Access Points
Type of project: Industrial research **Entity where project took place:** Orange Labs
Degree of contribution: Coordinator of total project, network or consortium
Type of entity: Business
City of entity: Lanyon, France
Name principal investigator (PI, Co-PI....): Jose Saldana
Nº of researchers: 5 **Nª people/year:** 1,2
Funding entity or bodies: Orange Labs **Type of entity:** Business
City funding entity: Lanyon, France
Type of project: Cooperation
Name of the programme: Collaborative Research Contract
Code according to the funding entity: J02181
Start date: 01/06/2019 **Duration:** 1 year
Total amount: 40.000 €
- 2 Name of the project:** IMPLANTACIÓN DE PLATAFORMA DE VALIDACIÓN PARA SISTEMAS DE TELEFONÍA INTEGRADA
Entity where project took place: Escuela De Ingeniería y Arquitectura - Universidad de Zaragoza
Name principal investigator (PI, Co-PI....): Julián Fernández Navajas
Nº of researchers: 6
Funding entity or bodies: GOTOR COMUNICACIONES, S.A.
Start date: 05/01/2011 **Duration:** 6 months - 1 day
- 3 Name of the project:** Análisis del tráfico generado por la plataforma de videoconferencia VIDYO de alta definición
Entity where project took place: Universidad de Zaragoza
Degree of contribution: Researcher
Type of entity: University
Name principal investigator (PI, Co-PI....): Julián Fernández Navajas
Nº of researchers: 9
Funding entity or bodies: Orbe Telecomunicaciones S.L. **Type of entity:** Business
City funding entity: Zaragoza, Aragón, Spain
Start date: 01/01/2011 **Duration:** 5 years
- 4 Name of the project:** IMPLANTACIÓN DE PLATAFORMA DE PRUEBAS PARA UN SISTEMA DE TELEFONIA IP
Entity where project took place: Universidad de Zaragoza
Degree of contribution: Researcher
Type of entity: University
Name principal investigator (PI, Co-PI....): Julián Fernández Navajas
Nº of researchers: 6

**Funding entity or bodies:**

ORBE TELECOMUNICACIONES, S.L.

Type of entity: Business**City funding entity:** Zaragoza, Aragón, Spain**Start date:** 02/12/2009**Duration:** 7 months - 1 day**5 Name of the project:** Implementación de un CAC basado en QoS para sistemas ToIP. CACToIP**Type of project:** Industrial research**Entity where project took place:** Universidad de Zaragoza**Degree of contribution:** Researcher**Type of entity:** University**City of entity:** Zaragoza, Aragón, Spain**Name principal investigator (PI, Co-PI...):** Julián Fernández Navajas**Nº of researchers:** 9**Funding entity or bodies:**

ORBE TELECOMUNICACIONES, S.L.

Type of entity: Business**City funding entity:** Zaragoza, Aragón, Spain**Start date:** 24/02/2009**Duration:** 2 years**Total amount:** 22.400 €**Results****Industrial and intellectual property****1 Title registered industrial property:** Improved switching between physical access points sharing the same virtual access point identifier**Description of qualities:**https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2021123582&_fid=FR333363798**Type of industrial property:** Patent of invention**Inventors/authors/obtainers:** JAVAUDIN Jean-Philippe; BONNAMY Jean-Michel; Jose Saldana; Ruiz Mas José; Fernández Navajas Julián; MATHAN Luc**Entity holder of rights:** ORANGE Société anonyme**Nº of application:** 17/786895**Country of inscription:** United States of America**Date of register:** 14/12/2020**Conferral date:** 02/02/2023**Nº of patent:** 20230034345**Spanish patent:** No**EU patent:** No**International non-EU patent:** Yes**2 Title registered industrial property:** Basculament amélioré entre points d'accès physiques partageant le même identifiant de point d'accès virtuel**Description of qualities:**https://patentscope.wipo.int/search/en/detail.jsf?docId=FR333363798&_cid=P10-KSHC6S-82607-19**Type of industrial property:** Patent of invention**Inventors/authors/obtainers:** JAVAUDIN Jean-Philippe; BONNAMY Jean-Michel; Jose Saldana; Ruiz Mas José; Fernández Navajas Julián; MATHAN Luc**Entity holder of rights:** ORANGE Société anonyme**Reference/registry code:** FR3106950**Nº of application:** FR1915206**Country of inscription:** France



Date of register: 20/12/2019

Conferral date: 06/08/2021

N° of patent: 3106950

Spanish patent: No

EU patent: Yes

Operating aut.region/region: France

- 3 Title registered industrial property:** Improved switching between physical access points sharing the same virtual access point identifier

Description of qualities:

https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2021123582&_fid=FR333363798

Type of industrial property: Patent of invention

Inventors/authors/obtainers: JAVAUDIN Jean-Philippe; BONNAMY Jean-Michel; Jose Saldana; Ruiz Mas José; Fernández Navajas Julián; MATHAN Luc

Entity holder of rights: ORANGE Société anonyme

Reference/registry code: PCT/FR2020/052405

N° of application: WO2021123582

Country of inscription: France

Date of register: 14/12/2020

Conferral date: 24/06/2021

N° of patent: WO/2021/123582

Spanish patent: No

EU patent: Yes

Scientific and technological activities

Scientific production

H index: 15

Date of application: 06/03/2023

Source of H-Index: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Jose Saldana; José Ruiz-Mas; Julián Fernández-Navajas; José Luis Salazar Riaño; Jean-Philippe Javaudin; Jean-Michel Bonnamy; Maël Le Dizes. Attention to Wi-Fi Diversity: Resource Management in WLANs With Heterogeneous APs. IEEE Access. 9, pp. 6961 - 6980. IEEE, 05/01/2021. Available on-line at: <<https://doi.org/10.1109/ACCESS.2021.3049180>>. ISSN 2169-3536

Type of production: Scientific paper

Format: Journal

Position of signature: 1

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

Total no. authors: 7

Corresponding author: Yes

Impact source: WOS (JCR)

Category: Q2 TELECOMMUNICATIONS

Impact index in year of publication: 3.476

Journal in the top 25%: No

Position of publication: 43

No. of journals in the cat.: 93

Relevant publication: Yes

- 2** Jorge David de Hoz Diego; Jose Saldana; Julián Fernández-Navajas; José Ruiz-Mas. IoTsafe, Decoupling Security From Applications for a Safer IoT. IEEE Access. 7, pp. 29942 - 29962. IEEE, 22/02/2019. Available on-line at: <<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8649577&isnumber=8600701>>. ISSN 2169-3536

Type of production: Scientific paper

Format: Journal



Position of signature: 2

Total no. authors: 4

Impact source: WOS (JCR)

Impact index in year of publication: 4.098

Position of publication: 19

Relevant publication: Yes

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

Corresponding author: No

Category: Q1

Journal in the top 25%: Yes

No. of journals in the cat.: 88

- 3** Jose Saldana; Andres Arcia-Moret; Arjuna Sathiaselan; Bart Braem; Ermanno Pietrosemoli; Marco Zennaro; Javier Simo-Reigadas; Ioannis Komnios; Carlos Rey-Moreno. Alternative Networks: Towards a Global Access to the Internet for All. IEEE Communications Magazine. 55 - 9, pp. 187 - 193. IEEE, 01/09/2017. Available on-line at: <<https://doi.org/10.1109/MCOM.2017.1600663>>. ISSN 0163-6804

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 9

Impact source: WOS (JCR)

Impact index in year of publication: 9.270

Position of publication: 2

Relevant publication: Yes

Format: Journal

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

Corresponding author: Yes

Category: Science Edition - TELECOMMUNICATIONS

Journal in the top 25%: Yes

No. of journals in the cat.: 87

- 4** J. Saldana; J. Fernandez-Navajas; J. Ruiz-Mas; Dan Wing; M.A.M. Perumal; M. Ramalho; G. Camarillo; F. Pascual; D.R. Lopez; M. Núñez; D. Flórez; J.A. Castell; T. De Cola; M. Berioli. Emerging real-time services: Optimizing traffic by smart cooperation in the network. IEEE Communications Magazine. 51 - 11, pp. 127 - 136. 2013. ISSN 0163-6804

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 14

Impact source: WOS (JCR)

Impact index in year of publication: 4.460

Position of publication: 3

Relevant publication: Yes

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

Corresponding author: Yes

Category: Science Edition - TELECOMMUNICATIONS

Journal in the top 25%: Yes

No. of journals in the cat.: 78

- 5** Jose Saldana; Julián Fernández-Navajas; José Ruiz-Mas; Jenifer Murillo; Eduardo Viruete Navarro; José I. Aznar. Evaluating the influence of multiplexing schemes and buffer implementation on perceived VoIP conversation quality. Computer Networks. 56 - 7, pp. 0 - 1893, 1919. Elsevier, 2012. ISSN 1389-1286

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: WOS (JCR)

Impact index in year of publication: 1.231

Position of publication: 16

Relevant publication: Yes

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

Corresponding author: Yes

Category: Science Edition - COMPUTER SCIENCE, HARDWARE & ARCHITECTURE

Journal in the top 25%: No

No. of journals in the cat.: 50

- 6** Jose Saldana; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose I. Aznar; Luis Casadesus; Eduardo Viruete. Comparative of Multiplexing Policies for Online Gaming in terms of QoS Parameters. IEEE Communications Letters. 15 - 10, pp. 1132 - 1135. 2011. ISSN 1089-7798

Type of production: Scientific paper

**Position of signature:** 1**Total no. authors:** 6**Impact source:** WOS (JCR)**Impact index in year of publication:** 0.982**Position of publication:** 37**Relevant publication:** Yes**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - TELECOMMUNICATIONS**Journal in the top 25%:** No**No. of journals in the cat.:** 78

- 7** Jose Saldana; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose I. Aznar; Luis Casadesus; Eduardo Viruete. First Person Shooters: Can a smarter network save bandwidth without annoying the players?. IEEE Communications Magazine. 49 - 11, pp. 190 - 198. 2011. ISSN 0163-6804

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 6**Impact source:** WOS (JCR)**Impact index in year of publication:** 3.785**Position of publication:** 3**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - TELECOMMUNICATIONS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 78

- 8** Jose Saldana; Andrés Arcia-Moret; Bart Braem; Ermanno Pietrosemoli; Arjuna Sathiseelan; Marco Zennaro. RFC 7962 Alternative Network Deployments: Taxonomy, Characterization, Technologies, and Architectures. Request for comments. (United States of America): Internet Engineering Task Force (IETF), 30/08/2016. Available on-line at: <<https://www.rfc-editor.org/info/rfc7962>>. ISSN 2070-1721

Type of production: Internet Standards Definition**Position of signature:** 1**Total no. authors:** 6**Relevant publication:** Yes**Format:** Scientific and technical document or report**Corresponding author:** Yes

- 9** Jose Saldana. Simplemux Traffic Optimization Protocol. SoftwareX. 33, pp. 102494. Elsevier, 06/01/2026. Available on-line at: <<https://doi.org/10.1016/j.softx.2025.102494>>. ISSN 2352-7110

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 1**Format:** Journal**Corresponding author:** Yes

- 10** Francisco J. Arroyo-Valle; Sandra Roger; Jose Saldana. Real-Time AI-Based Data Prioritization for MODBUS TCP Communication in IoT-Enabled LVDC Energy Systems. Electronics. 14 - 18, pp. 3681. MDPI, 17/09/2025. Available on-line at: <<https://doi.org/10.3390/electronics14183681>>. ISSN 2079-9292

Type of production: Scientific paper**Position of signature:** 3**Total no. authors:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes

- 11** Konstantinos F. Krommydas; Christos-Spyridon G. Karavas; Konstantinos A. Plakas; Efthimia Chassioti; Ioannis Moraitis; Anibal Antonio Prada Hurtado; Jose Saldana; Eduardo Martinez Carrasco; Virgilio De Andrade; Dalibor Brnobic. Enhancing the Operation of the Hellenic Transmission System through Wide Area Monitoring and Control. IEEE Power and Energy Magazine. 23 - 1, pp. 99 - 112. 01/01/2025. Available on-line at: <<https://doi.org/10.1109/MPE.2024.3435171>>. ISSN 1540-7977

Type of production: Scientific paper**Position of signature:** 7**Total no. authors:** 10**Format:** Journal**Corresponding author:** No



- 12** Esteban Damián Gutiérrez Mlot; Jose Saldana; Ricardo J. Rodríguez; Igor Kotsiuba; Carlos Gañán. A dataset to train intrusion detection systems based on machine learning models for electrical substations. *Data in Brief*. 57 - 111153, Elsevier, 02/12/2024. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S2352340924011156>>. ISSN 2352-3409
- Type of production:** Scientific paper **Format:** Journal
Corresponding author: No
- 13** Victor Malumbres; Jose Saldana; Gonzalo Berné; Julio Modrego. Firmware Updates Over The Air via LoRa: Unicast and Broadcast Combination for Boosting Update Speed. *Sensors*. 24 - 7, pp. 2104. (Switzerland): MDPI, 25/03/2024. Available on-line at: <<https://doi.org/10.3390/s24072104>>. ISSN 1424-8220
- Type of production:** Scientific paper **Format:** Journal
Position of signature: 2 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4 **Corresponding author:** Yes
- 14** Jose Saldana; Miguel A Oliván. Lossless and Stateless Compression of IEC 61850 Sampled Values Flows. *IEEE Transactions on Power Delivery*. 29 - 2, pp. 1314 - 1317. (United States of America): IEEE, 29/01/2024. Available on-line at: <[10.1109/TPWRD.2024.3359410](https://doi.org/10.1109/TPWRD.2024.3359410)>. ISSN 0885-8977
- Type of production:** Scientific paper **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 2 **Corresponding author:** Yes
- 15** Jose Saldana; Aníbal Antonio Prada Hurtado; Eduardo Martinez Carrasco; Yasmina Galve; Jesus Torres. Fast and Reliable Sending of Generic Object Oriented Substation Event Frames between Remote Locations over Loss-Prone Networks. *Sensors*. 23 - 21, pp. 8879. (Switzerland): MDPI, 01/11/2023. Available on-line at: <<https://doi.org/10.3390/s23218879>>. ISSN 1424-8220
- Type of production:** Scientific paper **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5 **Corresponding author:** Yes
Impact source: WOS (JCR) **Category:** Q2 ENGINEERING, ELECTRICAL & ELECTRONIC
Impact index in year of publication: 3.4 **Journal in the top 25%:** No
Position of publication: 122 **No. of journals in the cat.:** 352
- 16** Javier Granado Fornás; Elías Herrero Jaraba; Andrés Llombart Estopiñán; Jose Saldana. Detection and Classification of Fault Types in Distribution Lines by Applying Contrastive Learning to GAN Encoded Time-Series of Pulse Reflectometry Signals. *IEEE Access*. 10, pp. 110521 - 110536. IEEE, 14/10/2022. Available on-line at: <<https://doi.org/10.1109/ACCESS.2022.3214994>>. ISSN 2169-3536
- Type of production:** Scientific paper **Format:** Journal
Position of signature: 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4 **Corresponding author:** No
Impact source: WOS (JCR) **Category:** Q2 TELECOMMUNICATIONS
Impact index in year of publication: 3.9 **Journal in the top 25%:** No
Position of publication: 41 **No. of journals in the cat.:** 88
Relevant publication: No



- 17** Aníbal Antonio Prada Hurtado; Eduardo Martínez Carrasco; María Teresa Villén Martínez; José Saldana. Application of IIA Method and Virtual Bus Theory for Backup Protection of a Zone Using PMU Data in a WAMPAC System. *Energies*. 15 - 9, pp. 3470. (Switzerland): MDPI, 09/05/2022. Available on-line at: <<https://doi.org/10.3390/en15093470>>. ISSN 1996-1073
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 4
Impact source: WOS (JCR)
Impact index in year of publication: 3.2
Position of publication: 78
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Q3 ENERGY & FUELS
Journal in the top 25%: No
No. of journals in the cat.: 115
- 18** José Saldana; Omer Topal; José Ruiz-Mas; Julián Fernández-Navajas. Finding the Sweet Spot for Frame Aggregation in 802.11 WLANs. *IEEE Communications Letters*. IEEE, 11/12/2020. Available on-line at: <<https://doi.org/10.1109/LCOMM.2020.3044231>>. ISSN 1089-7798
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 4
Impact source: WOS (JCR)
Impact index in year of publication: 3.553
Position of publication: 38
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: TELECOMMUNICATIONS
Journal in the top 25%: No
No. of journals in the cat.: 88
- 19** Idelkys Quintana; Luis Sequeira; Julián Fernández Navajas; José Ruiz Mas; José Saldana. Minimizing the Impact of P2P-TV Applications in Access Links. *IEEE Latin America Transactions*. 17 - 2, pp. 183 - 192. (United States of America): IEEE, 08/10/2019. Available on-line at: <<https://doi.org/10.1109/TLA.2019.8863163>>. ISSN 1548-0992
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: WOS (JCR)
Impact index in year of publication: 0.804
Position of publication: 227
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Engineering, electrical & electronic
Journal in the top 25%: No
No. of journals in the cat.: 265
- 20** Jorge David de Hoz; José Saldana; José Ruiz Mas; Julián Fernández Navajas. Decoupling security from applications in CoAP-based IoT devices. *IEEE Internet of Things Journal*. 7 - 1, pp. 467 - 476. IEEE, 07/10/2019.
Type of production: Scientific paper
Position of signature: 2
Corresponding author: No
Impact source: WOS (JCR)
Impact index in year of publication: 9.515
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Q1
Journal in the top 25%: Yes
- 21** Fayçal Bouhafs; Michael Mackay; Alessandro Raschellà; Qi Shi; Frank den Hartog; José Saldana; José Ruiz-Mas; Julián Fernández-Navajas; Rubén Munilla; José Almodóvar; Niels van Adrichem. Wi-5: A Programming Architecture for Unlicensed Frequency Bands. *IEEE Communications Magazine*. 56 - 12, pp. 178 - 185. IEEE, 01/09/2018. ISSN 0163-6804
Type of production: Scientific paper
Position of signature: 6
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee



Total no. authors: 11
Impact source: WOS (JCR)
Impact index in year of publication: 9.270
Position of publication: 2

Corresponding author: No
Category: TELECOMMUNICATIONS
Journal in the top 25%: Yes
No. of journals in the cat.: 87

- 22** Jose Saldana; Rubén Munilla; Salim Eryigit; Omer Topal; José Ruiz-Mas; Julián Fernández-Navajas; Luis Sequeira. Unsticking the Wi-Fi Client: Smarter Decisions using a Software Defined Wireless Solution. IEEE Access. 6, pp. 30917 - 30931. IEEE, 04/06/2018. ISSN 2169-3536

Type of production: Scientific paper
Position of signature: 1

Total no. authors: 7
Impact source: WOS (JCR)

Impact index in year of publication: 3.557
Position of publication: 24

Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: COMPUTER SCIENCE, INFORMATION SYSTEMS
Journal in the top 25%: Yes
No. of journals in the cat.: 148

- 23** Jose Saldana; Jose Ruiz-Mas; Jose Almodovar. Frame Aggregation in Central Controlled 802.11 WLANs: the Latency vs. Throughput Trade-off. IEEE Communications Letters. 21 - 11, pp. 2500 - 2503. IEEE, 01/11/2017. ISSN 1089-7798

Type of production: Scientific paper
Position of signature: 1

Total no. authors: 3
Impact source: WOS (JCR)
Impact index in year of publication: 2.723
Position of publication: 31

Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: TELECOMMUNICATIONS
Journal in the top 25%: No
No. of journals in the cat.: 87

- 24** Luis Sequeira; Juan Luis Cruz de la; José Ruiz Mas; Jose Saldana; Julián Fernández Navajas; José Luis Almodóvar. Building a SDN Enterprise WLAN Based On Virtual APs. IEEE Communications Letters. 21 - 2, pp. 374 - 377. IEEE, 01/02/2017. Available on-line at: <<http://dx.doi.org/10.1109/LCOMM.2016.2623602>>. ISSN 1089-7798

Type of production: Scientific paper
Position of signature: 4

Total no. authors: 6
Impact source: WOS (JCR)
Impact index in year of publication: 1.988
Position of publication: 37

Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Science Edition - TELECOMMUNICATIONS
Journal in the top 25%: No
No. of journals in the cat.: 89

- 25** Jose Saldana. On the Effectiveness of an Optimization Method for the Traffic of TCP-Based Multiplayer Online Games. Multimedia Tools and Applications. 75 - 24, pp. 17333 - 17374. Springer, 2015. Available on-line at: <<http://dx.doi.org/10.1007/s11042-015-3001-y>>. ISSN 1380-7501

Type of production: Scientific paper
Position of signature: 1

Total no. authors: 1
Impact source: WOS (JCR)
Impact index in year of publication: 1.530
Position of publication: 28

Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - COMPUTER SCIENCE, THEORY & METHODS
Journal in the top 25%: No
No. of journals in the cat.: 106

- 26** Jose Saldana; David De Hoz; Julián Fernandez-Navajas; José Ruiz-Mas; Fernando Pascual; Diego R. Lopez; David Florez; J.A. Castell; M Nuñez. Small-Packet Flows in Software Defined Networks: Traffic Profile Optimization. Journal of Networks. 10 - 4, pp. 176 - 187. 2015. ISSN 1796-2056
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 9
Impact source: SCOPUS (SJR)
Impact index in year of publication: 0.259
Position of publication: 153
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Computer Networks and Communications
Journal in the top 25%: No
No. of journals in the cat.: 218
- 27** Jose Luis Tornos; Jose Luis Salazar; Joan Josep Piles; Jose Saldana; Luis Casadesus; Jose Ruiz-Mas; Julián Fernandez-Navajas. An eVoting System Based on Ring Signatures. Network Procols and Algorithms. 6 - 2, pp. 38 - 54. 2014. ISSN 1943-3581
Type of production: Scientific paper
- 28** M. Suznjevic; J. Saldaña; M. Matijasevic; J. Fernández-Navajas; J. Ruiz-Mas. Analyzing the effect of tcp and server population on massively multiplayer games. International Journal of Computer Games Technology. 2014, pp. 0 - 602403 [17 pp]. Hindawi, 2014. ISSN 1687-7047
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 5
Impact source: SCOPUS (SJR)
Impact index in year of publication: 0.25
Position of publication: 63
Category: Human-Computer Interaction
Journal in the top 25%: No
No. of journals in the cat.: 84
- 29** Luis Sequeira; Julián Fernández-Navajas; José Saldaña; José Ramón Gállego; María Canales. Describing the Access Network by Means of Router Buffer Modelling: a New Methodology. The Scientific World Journal. 2014, pp. 0 - 238682 [9 pp.]. 2014. ISSN 2356-6140
Type of production: Scientific paper
Impact source: SCOPUS (SJR)
Impact index in year of publication: 0.35
Position of publication: 123
Category: Environmental Science (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 253
- 30** J. Saldana; J. Fernández-Navajas; J. Ruiz-Mas; E. Viruete-Navarro; L. Casadesus. Online FPS games: effect of router buffer and multiplexing techniques on subjective quality estimators. Multimedia Tools and Applications. 71 - 3, pp. 1823 - 1856. 2014. ISSN 1380-7501
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 5
Impact source: WOS (JCR)
Impact index in year of publication: 1.346
Position of publication: 32
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - COMPUTER SCIENCE, THEORY & METHODS
Journal in the top 25%: No
No. of journals in the cat.: 102
- 31** Carlos Fernández; Jose Saldana; Julián Fernández-Navajas; Luis Sequeira; Luis Casadesus. Video conferences through the internet: How to survive in a hostile environment. The Scientific World Journal. 2014, pp. 0 - 860170 [13 pp]. 2014. ISSN 2356-6140



Type of production: Scientific paper

Corresponding author: No

Impact source: SCOPUS (SJR)

Impact index in year of publication: 0.35

Position of publication: 123

Category: Environmental Science (miscellaneous)

Journal in the top 25%: No

No. of journals in the cat.: 253

- 32** Luis Sequeira; Julian Fernandez-Navajas; Jose Saldana. The Effect of the Buffer Size in QoS for Multimedia and bursty Traffic: When an Upgrade Becomes a Downgrade. KSII Transactions on Internet and Information Systems. 8 - 9, pp. 3159 - 3176. 2014. ISSN 1976-7277

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 3

Impact source: WOS (JCR)

Impact index in year of publication: 0.561

Position of publication: 65

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

Corresponding author: No

Category: Science Edition - TELECOMMUNICATIONS

Journal in the top 25%: No

No. of journals in the cat.: 77

Relevant publication: No

- 33** Jose Saldana; Julian Fernandez-Navajas; José Ruiz-Mas; Luis Casadesus. Online Games Traffic Multiplexing: Analysis and Effect in Access Networks. KSII Transactions on Internet and Information Systems. 6 - 11, pp. 2920 - 2939. 2012. ISSN 1976-7277

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: WOS (JCR)

Impact index in year of publication: 0.560

Position of publication: 54

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

Corresponding author: Yes

Category: Science Edition - TELECOMMUNICATIONS

Journal in the top 25%: No

No. of journals in the cat.: 77

Relevant publication: No

- 34** QoS and Latency Issues in Networked Games. Handbook of Digital Games and Entertainment Technologies. Singapore(Singapore): Springer, 01/08/2015. Available on-line at: <http://dx.doi.org/10.1007/978-981-4560-52-8_23-1>. ISBN 978-981-4560-52-8

DOI: 10.1007/978-981-4560-52-8_23-1

Type of production: Book chapter

Position of signature: 1

Total no. authors: 2

Format: Book

Degree of contribution: Author or co-author of chapter in book

Corresponding author: Yes

- 35** J. M. Saldaña Medina - J. I. Aznar Baranda - E.. QoS Measurement-Based CAC for an IP Telephony system. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. pp. 3 - 19. Springer, 2009. ISSN 1867-8211

Type of production: Book chapter



Works submitted to national or international conferences

- 1** **Title of the work:** Implementation of a Novel Wide-Area Short-Circuit Protection Method on the Greek Transmission System
Name of the conference: 2025 IEEE Power & Energy Society General Meeting (PESGM)
Corresponding author: No
City of event: Austin, United States of America
Date of event: 27/07/2025
End date: 31/07/2025
Organising entity: IEEE Power & Energy Society
City organizing entity: United States of America
Aníbal Antonio Prada Hurtado; Mario Manana; María Teresa Villén Martínez; Eduardo Martínez Carrasco; Jose Saldana; Konstantinos F. Krommydas; Konstantinos A. Plakas; Spyridon G. Karavas; Efthimia Chassioti; Ioannis Moraitis.
- 2** **Title of the work:** Benefits on implementing an automation testing tool based on IEC61850
Name of the conference: 28th International Conference and Exhibition on Electricity Distribution (CIRED 2025)
City of event: Geneva, Switzerland
Date of event: 16/06/2025
End date: 19/06/2025
Organising entity: CIRED
Carlos Albero; Yasmina Galve; Adrián Arroyo; Eduardo Martínez; Jose Saldana; David Hernando.
- 3** **Title of the work:** Development and Implementation of a WAMPAC Algorithm for Detecting Real-Time Voltage Instability Phenomena in Electric Power Systems
Name of the conference: Cigre Paris Session 2024
Corresponding author: No
City of event: Paris, France
Date of event: 25/08/2024
End date: 30/08/2024
Organising entity: Cigre
Type of entity: Standards
Aníbal Antonio Prada Hurtado; Eduardo Martínez Carrasco; Jose Saldana; Carlos Albero Castellón; Konstantinos F. Krommydas; Christos-Spyridon G. Karavas; Konstantinos A. Plakas; Efthimia Chassioti; Ioannis Moraitis. "Development and Implementation of a WAMPAC Algorithm for Detecting Real-Time Voltage Instability Phenomena in Electric Power Systems".
- 4** **Title of the work:** TPC Member and review of 2 papers
Name of the conference: Global Information Infrastructure and Networking Symposium GIIS'24
Type of event: Conference
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Dubai, United Arab Emirates
Date of event: 19/02/2024
End date: 21/02/2024
Organising entity: IEEE ComSoc
City organizing entity: United States of America
Available on-line at: <<https://globecom2023.ieee-globecom.org/>>.



- 5** **Title of the work:** TPC Member and review of 2 papers
Name of the conference: IEEE GLOBECOM 2023
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Kuala Lumpur, Malaysia
Date of event: 04/12/2023
End date: 08/12/2023
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: United States of America
Available on-line at: <<https://globecom2023.ieee-globecom.org/>>.
- 6** **Title of the work:** TPC Member and review of 1 paper
Name of the conference: Mobicom 2023, The 29th Annual International Conference On Mobile Computing And Networking
Type of event: Conference **Geographical area:** European Union
Type of participation: Organizational - Scientific and organizing committee
City of event: Madrid, Spain
Date of event: 02/10/2023
End date: 06/10/2023
Organising entity: ACM
City organizing entity: United States of America
Available on-line at: <<https://sigmobile.org/mobicom/2023/>>.
- 7** **Title of the work:** A computer-assisted Faulted Phase Selection Algorithm for dealing with the effects of Renewable Resources in Smart grids
Name of the conference: NEIS 2023 - Conference on Sustainable Energy Supply and Energy Storage Systems
Corresponding author: No
City of event: Hamburgo, Germany
Date of event: 04/09/2023
End date: 05/09/2023
Organising entity: IEEE Power & Energy Society (PES) **Type of entity:** Associations and Groups
Maria Teresa Villen; Maria Paz Comech; Eduardo Martinez Carrasco; Roberto Matute; Miguel A. Oliván; Anibal Prada Hurtado; Jose Saldana.
- 8** **Title of the work:** TPC Member and review of 4 papers
Name of the conference: IEEE GLOBECOM 2022
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Rio de Janeiro, Brazil
Date of event: 04/12/2022
End date: 08/12/2022
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: United States of America
Available on-line at: <<https://globecom2022.ieee-globecom.org/>>.
- 9** **Title of the work:** Testbed para Defensa ante Amenazas Híbridas contra Redes Eléctricas
Name of the conference: Congreso Nacional de I+D en Defensa y Seguridad (DESEi+d 2022)
Corresponding author: Yes
City of event: Pontevedra, Galicia, Spain



Date of event: 15/11/2022

End date: 17/11/2022

Organising entity: Ministerio de Defensa

Type of entity: Ministry

Jose Saldana; Esteban Damian Gutierrez Mlot; Anibal Antonio Prada Hurtado.

10 Title of the work: TPC Member and review of 1 paper

Name of the conference: IEEE Future Networks World Forum 2022

Type of event: Conference

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Montreal, Canada

Date of event: 12/10/2022

End date: 14/10/2022

Organising entity: IEEE

Type of entity: Associations and Groups

City organizing entity: United States of America

Available on-line at: <<https://fnwf.ieee.org/>>.

11 Title of the work: Design of a WAMPAC System for Implementation in the Greek Transmission System

Name of the conference: IEEE PES ISGT Europe 2022

Corresponding author: No

City of event: Novi Sad, Serbia

Date of event: 10/10/2022

End date: 12/10/2022

Organising entity: IEEE Power & Energy Society (PES)

Type of entity: Associations and Groups

Konstantinos F. Krommydas; Christos-Spyridon G. Karavas; Konstantinos A. Plakas; Dimitrios Melissaris; Christos N. Dikaiakos; Ioannis Moraitis; Anibal Prada Hurtado; Marta Bernal Sancho; Eduardo Martinez Carrasco; Jose Saldana; Virgilio De Andrade; Agustin Padilla; Dalibor Brnobic; Toni Petrinic; Anastasis Tzoumpas.

12 Title of the work: Towards a Testbed for Critical Industrial Systems: SunSpec Protocol on DER Systems as a Case Study

Name of the conference: ETFA 2022 - 27th Annual Conference of the IEEE Industrial Electronics Society (IES)

Corresponding author: No

City of event: Stuttgart, Germany

Date of event: 06/09/2022

End date: 09/09/2022

Organising entity: IEEE Industrial Electronics Society (IES)

E. Damián Gutiérrez Mlot; Jose Saldana; R. J. Rodríguez.

13 Title of the work: TPC member

Name of the conference: IEEE International Conference on Communication, Selected Areas in Communications, Cloud Computing, Networking and Storage

Type of event: Conference

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee **Reasons for participation:** Upon invitation

City of event: Seoul, Republic of Korea

Date of event: 16/05/2022

End date: 20/05/2022

Organising entity: IEEE

City organizing entity: United States of America

Available on-line at: <<https://icc2022.ieee-icc.org/>>.



- 14** **Title of the work:** Short Message Multichannel Broadcast Encryption
Name of the conference: 13th International Conference on Computational Intelligence in Security for Information Systems (CISIS 2020)
Corresponding author: No
City of event: Burgos, Castilla y León, Spain
Date of event: 28/08/2020
Organising entity: IEEE SMC
José Luis Salazar; Jose Saldana; Julián Fernández Navajas; José Ruiz Mas; Guillermo Azuara.
- 15** **Title of the work:** SSH as an Alternative to TLS in IoT Environments using HTTP
Name of the conference: Global IoT Summit (GloTS)
Corresponding author: No
City of event: Bilbao, País Vasco, Spain
Date of event: 01/06/2018
Organising entity: IEEE
Jorge David de Hoz; Jose Saldana; Julián Fernández Navajas; José Ruiz Mas; Rebeca Guerrero; Félix de Jesús.
- 16** **Title of the work:** TPC Member
Name of the conference: IEEE ICC 2018, Next Generation Networking and Internet Symposium
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Kansas, United States of America
Date of event: 20/05/2018
End date: 24/05/2018
Organising entity: IEEE
City organizing entity: United States of America
José María Saldaña Medina.
- 17** **Title of the work:** TPC Member
Name of the conference: IEEE GLOBECOM 2017
Type of event: Conference
Type of participation: Organizational - Scientific and organizing committee
City of event: Singapur, Singapore
Date of event: 04/12/2017
End date: 08/12/2017
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: United States of America
Available on-line at: <<http://globecom2017.ieee-globecom.org/>>.
- 18** **Title of the work:** TPC Member
Name of the conference: MSWIM 2017 ACM/IEEE International Conference on Modelling, Analysis and Simulation of Wireless and Mobile Systems
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Miami, United States of America
Date of event: 21/11/2017
End date: 25/11/2017
Organising entity: ACM/IEEE
City organizing entity: United States of America



José María Saldaña Medina.

19 Title of the work: TPC Member

Name of the conference: IEEE ISCC 2017, The 22nd IEEE Symposium on Computers and Communications

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Heraklion, Crete, Greece

Date of event: 03/07/2017

End date: 06/07/2017

Organising entity: IEEE

City organizing entity: United States of America

José María Saldaña Medina.

20 Title of the work: TPC Member

Name of the conference: NetGames 2017, The 15th Annual Workshop on Network and Systems Support for Games, organizado dentro del congreso ACM Multimedia Systems 2017

Type of event: Conference

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Taipei, Taiwan

Date of event: 20/06/2017

End date: 23/06/2017

Organising entity: ACM

City organizing entity: United States of America

Available on-line at: <<http://mmsys17.iis.sinica.edu.tw/netgames/>>.

21 Title of the work: TPC Member

Name of the conference: IEEE International Conference on Communications, ICC 2017, Next Generation Networking and Internet Symposium; Selected Areas in Communications: Cloud Communications and Networking

Type of event: Conference

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Paris, France

Date of event: 21/05/2017

End date: 25/05/2017

Organising entity: IEEE

Type of entity: Associations and Groups

City organizing entity: United States of America

Available on-line at: <<http://icc2017.ieee-icc.org/>>.

22 Title of the work: TPC Member

Name of the conference: IEEE CCNC 2017 The 14th annual IEEE Consumer Communications & Networking Conference

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Las Vegas, United States of America

Date of event: 10/01/2017

Organising entity: IEEE

José María Saldaña Medina.



- 23** **Title of the work:** Impact of Simplemux Traffic Optimisation on MMORPG QoE
Name of the conference: PQS 2016, 5th ISCA/DEGA Workshop on Perceptual Quality of Systems
Corresponding author: No
City of event: Berlín, Berlin, Germany
Date of event: 29/08/2016
End date: 31/08/2016
Organising entity: ISCA/DEGA
Mirko Suznjevic; Jose Saldana; Maja Matijasevic; Matko Vuga. "Proc. PQS 2016 5th ISCA/DEGA Workshop on Perceptual Quality of Systems". (Germany): Available on-line at: <<http://dx.doi.org/10.21437/PQS.2016-4>>. ISSN 2312-2846
- 24** **Title of the work:** TPC Member
Name of the conference: IEEE International Conference on Communications, ICC 2016, Next Generation Networking and Internet Symposium
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Kuala Lumpur, Malaysia
Date of event: 23/05/2016
Organising entity: IEEE
City organizing entity: United States of America
José María Saldaña Medina.
- 25** **Title of the work:** TPC Member
Name of the conference: IEEE CCNC 2016 The 13th annual IEEE Consumer Communications & Networking Conference
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Las Vegas, United States of America
Date of event: 09/01/2016
Organising entity: IEEE
José María Saldaña Medina.
- 26** **Title of the work:** TPC Member
Name of the conference: IEEE Globecom 2015, Next Generation Networking Symposium (NGNI) & Selected Areas in Communications - Internet of Things
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: San Diego, CA, United States of America
Date of event: 06/12/2015
Organising entity: IEEE
José María Saldaña Medina.
- 27** **Title of the work:** TPC Member
Name of the conference: Netgames 2015, the 14th International Workshop on Network and Systems Support for Games
Geographical area: European Union
Type of participation: Organizational - Scientific and organizing committee
City of event: Zagreb, Croatia
Date of event: 03/12/2015
José María Saldaña Medina.



- 28 Title of the work:** TPC Member
Name of the conference: ICC3 2015, IEEE/CIC International Conference on Communications in China, 2-4 November 2015, Shenzhen, China
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Shenzhen, China
Date of event: 02/11/2015
José María Saldaña Medina.
- 29 Title of the work:** Improving Network Efficiency with Simplemux
Name of the conference: IEEE CIT 2015, International Conference on Computer and Information Technology
Geographical area: European Union
Type of participation: Participatory - oral communication
City of event: Liverpool, United Kingdom
Date of event: 27/10/2015
Organising entity: IEEE
Publication in conference proceedings: Yes
José María Saldaña Medina. "Improving Network Efficiency with Simplemux". En: Proc. IEEE CIT 2015, International Conference on Computer and Information Technology, pp. 446 - 453. 2015. ISBN 978-1-5090-0154-5
- 30 Title of the work:** TPC Member
Name of the conference: IEEE ICCVE 2015, The 4th International Conference on Connected Vehicles & Expo
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Shenzhen, China
Date of event: 19/10/2015
José María Saldaña Medina.
- 31 Title of the work:** Leveraging on Digital Signage Networks to Bring Connectivity to IoT Devices
Name of the conference: TELCON UNI 2015, Lima, Peru, Oct 2015
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Lima, Peru
Date of event: 18/10/2015
Publication in conference proceedings: Yes
David De Hoz; Jose Saldana; Julián Fernández-Navajas; Jose Ruiz-Mas; Rebeca Guerrero Rodríguez; Félix De Jesús Mar Luna; Raúl Iván Herrera González. "Leveraging on Digital Signage Networks to Bring Connectivity to IoT Devices". En: Proc. TELCON UNI 2015. pp. 0 - null. 2015.
- 32 Title of the work:** TPC Member
Name of the conference: IEEE ICC 2015, Next Generation Networking and Internet Symposium
Geographical area: European Union
Type of participation: Organizational - Scientific and organizing committee
City of event: Londres, United Kingdom
Date of event: 08/06/2015
José María Saldaña Medina.



- 33 Title of the work:** TPC Member
Name of the conference: CCNC 2015, 12th annual IEEE Consumer Communications & Networking Conference, Online Games Track
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Las Vegas, United States of America
Date of event: 06/01/2015
José María Saldaña Medina.
- 34 Title of the work:** TPC Member
Name of the conference: CECNet2014, the 4th International Conference on Consumer Electronics, Communications and Networks
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Beijing, China
Date of event: 20/12/2014
José María Saldaña Medina.
- 35 Title of the work:** TPC Member
Name of the conference: IEEE Globecom 2014, Next Generation Networking Symposium (NGNI)
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Austin, United States of America
Date of event: 08/12/2014
José María Saldaña Medina.
- 36 Title of the work:** TPC Member
Name of the conference: IEEE ICCVE 2014, The 3rd International Conference on Connected Vehicles & Expo
Geographical area: European Union
Type of participation: Organizational - Scientific and organizing committee
City of event: Viena, Austria
Date of event: 02/11/2014
José María Saldaña Medina.
- 37 Title of the work:** TPC Member
Name of the conference: SC2 2014, The Fourth International Symposium on Cloud and Service Computing
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Beijing, China
Date of event: 01/09/2014
José María Saldaña Medina.
- 38 Title of the work:** TPC Member
Name of the conference: QShine 2014, European Alliance of Innovation
Geographical area: European Union
Type of participation: Organizational - Scientific and organizing committee
City of event: Rhodes, Greece
Date of event: 01/08/2014
José María Saldaña Medina.



- 39 Title of the work:** TPC Member
Name of the conference: Chinacom 2014, European Alliance of Innovation
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Maoming, China
Date of event: 01/08/2014
José María Saldaña Medina.
- 40 Title of the work:** TPC Member
Name of the conference: International Conference on Internet of Vehicles (IOV 2014)
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Beijing, China
Date of event: 01/08/2014
José María Saldaña Medina.
- 41 Title of the work:** TPC Member
Name of the conference: I Workshop pre-IETF
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Brasilia, Brazil
Date of event: 30/07/2014
José María Saldaña Medina.
- 42 Title of the work:** Optimization of Low-efficiency Traffic in OpenFlow Software Defined Networks
Name of the conference: International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2014
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Monterey, United States of America
Date of event: 06/07/2014
Publication in conference proceedings: Yes
Jose Saldana; Fernando Pascual; David De Hoz; Julian Fernandez-Navajas; Jose Ruiz-Mas; Diego R. Lopez; David Florez; Juan A. Castell; Manuel Nunez. "Optimization of Low-efficiency Traffic in OpenFlow Software Defined Networks". En: Proc. International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2014. pp. 550 - 555. 2014. ISBN 1-56555-354-3
- 43 Title of the work:** TPC Member
Name of the conference: First IEEE International Workshop on Cloud Gaming Systems and Networks (C-Game), held in conjunction with IEEE International Conference on Multimedia and Expo (ICME) 2014
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Chengdu, China
Date of event: 01/07/2014
José María Saldaña Medina.
- 44 Title of the work:** Characterization of Real Internet Paths by Means of Packet Loss Analysis
Name of the conference: ICDS 2014, The Eighth International Conference on Digital Society
Geographical area: European Union
Type of participation: Participatory - oral communication



City of event: Barcelona, Spain

Date of event: 23/03/2014

Publication in conference proceedings: Yes

Luis Sequeira; Julian Fernandez-Navajas; Jose Saldana. "Characterization of Real Internet Paths by Means of Packet Loss Analysis". En: ICDS 2014, The Eighth International Conference on Digital Society. pp. 80 - 85. 2014. ISBN 9781612083247

45 Title of the work: Everything you always wanted to know about playing a FPS game on a car

Name of the conference: IEEE BlackSeaCom 2014

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Chisinau, Moldavia

Date of event: 01/03/2014

Publication in conference proceedings: Yes

Jose Saldana; Gustavo Marfia; Marco Rocchetti. "Everything you always wanted to know about playing a FPS game on a car". En: Proc. Communications and Networking IEEE BlackSeaCom 2014, IEEE International Black Sea Conference on. pp. 139 - 143. 2014. ISBN 9781479940677

46 Title of the work: Can We Multiplex ACKs without Harming the Performance of TCP?

Name of the conference: CCNC 2014, 11th annual IEEE Consumer Communications & Networking Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Las Vegas, United States of America

Date of event: 10/01/2014

Publication in conference proceedings: Yes

Jose Saldana; Julian Fernandez-Navajas; Jose Ruiz-Mas. "Can We Multiplex ACKs without Harming the Performance of TCP?". En: Consumer Communications and Networking Conference, CCNC 2014. pp. 503 - 504. 2014. ISBN 9781479923564

47 Title of the work: TPC Member

Name of the conference: CCNC 2014, 11th annual IEEE Consumer Communications & Networking Conference

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Las Vegas, United States of America

Date of event: 10/01/2014

48 Title of the work: The Effect of Multiplexing Delay on MMORPG TCP Traffic Flows

Name of the conference: CCNC 2014, 11th annual IEEE Consumer Communications & Networking Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Las Vegas, United States of America

Date of event: 10/01/2014

Publication in conference proceedings: Yes

Jose Saldana. "The Effect of Multiplexing Delay on MMORPG TCP Traffic Flows". En: Consumer Communications and Networking Conference, CCNC 2014. pp. 447 - 452. 2014. ISBN 9781479923564

49 Title of the work: TPC Member

Name of the conference: IEEE Globecom 2013

Geographical area: Non EU International



Type of participation: Organizational - Scientific and organizing committee
City of event: Atlanta, United States of America
Date of event: 09/12/2013

- 50** **Title of the work:** TPC Member
Name of the conference: ICCVE 2013, 2013 International Conference on Connected Vehicles & Expo
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Las Vegas, United States of America
Date of event: 02/12/2013
José María Saldaña Medina.
- 51** **Title of the work:** Optimizacion del Trafico P2P-TV mediante el uso de Tecnicas de Compresion y Multiplexion
Name of the conference: Jornadas de Ingenieria Telematica JITEL 2013
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Granada, Spain
Date of event: 28/10/2013
Publication in conference proceedings: Yes
Idelkys Quintana; Jose Saldana; Jose Ruiz Mas; Luis Sequeira; Julian Fernandez Navajas; Luis Casadesus. "Actas JITEL 2013". En: Optimizacion del Trafico P2P-TV mediante el uso de Tecnicas de Compresion y Multiplexion. pp. 345 - 350. 2013. ISBN 9788461655977
- 52** **Title of the work:** Optimization of P2P-TV Traffic by Means of Header Compression and Multiplexing
Name of the conference: SoftCOM 2013
Geographical area: European Union
Type of participation: Participatory - oral communication
City of event: Split, Croatia
Date of event: 18/09/2013
Publication in conference proceedings: Yes
Idelkys Quintana-Ramirez; Jose Saldana; Jose Ruiz-Mas; Luis Sequeira; Julian Fernandez-Navajas; Luis Casadesus. "Optimization of P2P-TV Traffic by Means of Header Compression and Multiplexing". En: Proc. SoftCOM 2013. pp. 0 - null. 2013. ISBN 9789532900415
- 53** **Title of the work:** TPC Member
Name of the conference: Chinacom 2013 conference, Network and Information Security track
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Guilin, China
Date of event: 16/08/2013
- 54** **Title of the work:** Characterization of the Buffers in Real Internet Paths
Name of the conference: International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2013
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Toronto, Canada
Date of event: 07/07/2013
Publication in conference proceedings: Yes



Luis Sequeira; Julián Fernandez-Navajas; José Saldana. "Characterization of the Buffers in Real Internet Paths". En: Proc. SPECTS 2013. pp. 666 - 671. 2013. ISBN 1-56555-352-7

- 55** **Title of the work:** The Influence of the Buffer in Packet Loss for Competing Multimedia and Bursty Traffic
Name of the conference: International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2013
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Toronto, Canada
Date of event: 07/07/2013
Publication in conference proceedings: Yes
Luis Sequeira; Julián Fernandez Navajas; Luis Casadesus; Jose Saldana; Idelkys Quintana; José Ruiz Mas. "The Influence of the Buffer in Packet Loss for Competing Multimedia and Bursty Traffic". En: Proc. SPECTS 2013. pp. 645 - 652. 2013. ISBN 1-56555-352-7
- 56** **Title of the work:** Enhancing Throughput Efficiency via Multiplexing and Header Compression over LISP Tunnels
Name of the conference: IEEE ICC 2013
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Budapest, Hungary
Date of event: 09/06/2013
Publication in conference proceedings: Yes
Jose Saldana; Luigi Iannone; Diego R. Lopez; Julián Fernandez-Navajas; Jose Ruiz-Mas. "Enhancing Throughput Efficiency via Multiplexing and Header Compression over LISP Tunnels". En: Proc. ICC 2013. pp. 0 - null. 2013. ISBN 9781467357524
- 57** **Title of the work:** TPC Member
Name of the conference: NOSSDAV 2013, The 23rd ACM Workshop on Network and Operating Systems Support for Digital Audio and Video
Geographical area: European Union
Type of participation: Organizational - Scientific and organizing committee
City of event: Oslo, Norway
Date of event: 27/02/2013
José María Saldaña Medina.
- 58** **Title of the work:** Satisfying the Hunger for Mobile Online Games: Providing Quality Time in Vehicular Scenarios
Name of the conference: ACM/IEEE 11th Annual Workshop on Network and Systems Support for Games (NetGames'12)
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Venice, Italy
Date of event: 22/11/2012
Type of contribution: Scientific paper
Jose Saldana - Gustavo Marfia - Marco Roccetti. "Satisfying the hunger for mobile online games: Providing quality time in vehicular scenarios". En: Annual Workshop on Network and Systems Support for Games. pp. 0. 2012. ISBN 2156-8138
- 59** **Title of the work:** First Person Shooters on the Road: Leveraging on APs and Vanets for a Quality Gaming Experience
Name of the conference: Wireless Days 2012



Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Dublin, Ireland

Date of event: 21/11/2012

Type of contribution: Scientific paper

Jose Saldana - Gustavo Marfia - Marco Rocchetti. "First person shooters on the road: Leveraging on APs and VANETs for a quality gaming experience". En: IFIP Wireless Days. pp. 0. 2012. ISBN 2156-9711

60 Title of the work: IPTV Quality assessment system

Name of the conference: 7th Latin American Networking Conference (LANC '12). ACM, New York, NY, USA, 19-27

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Medellín, Colombia

Date of event: 04/10/2012

Publication in conference proceedings: Yes

Luis Casadesus - Julian Fernandez-Navajas - Luis. "IPTV Quality assessment system". En: Proc. LANC 2012. pp. 52 - 58. 2012. ISBN 9781450317504

61 Title of the work: The utility of characterizing the buffer of network devices in order to improve real-time interactive services

Name of the conference: 7th Latin American Networking Conference (LANC '12). ACM, New York, NY, USA, 19-27

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Medellín, Colombia

Date of event: 04/10/2012

Publication in conference proceedings: Yes

Luis Sequeira - Idelkys Quintana - Jose Saldana. "The utility of characterizing the buffer of network devices in order to improve real-time interactive services". En: Proc. LANC 2012. pp. 19 - 27. 2012. ISBN 9781450317504

62 Title of the work: "Comparison of Multiplexing Policies for FPS Games in terms of Subjective Quality

Name of the conference: II Workshop on Multimedia Data Coding and Transmission 2012, Jornadas Sarteco

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Elche, Spain

Date of event: 15/09/2012

Publication in conference proceedings: Yes

Jose Saldana; Julian Fernandez Navajas; Jose Ruiz Mas; Luis Sequeira; Luis Casadesus. ""Comparison of Multiplexing Policies for FPS Games in terms of Subjective Quality". En: "Comparison of Multiplexing Policies for FPS Games in terms of Subjective Quality. pp. 0 - null. ISBN 9788469544723

63 Title of the work: Caracterizacion de Tecnologias y Dispositivos de Red: Comportamiento de los Buffer

Name of the conference: URSI 2012

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Elche, Spain

Date of event: 01/09/2012

Publication in conference proceedings: Yes



Luis Sequeira; Julian Fernandez Navajas; Jose Saldana; Luis Casadesus. "Caracterizacion de Tecnologias y Dispositivos de Red: Comportamiento de los Buffer". En: Actas URSI 2012. pp. 0 - null. 2012. ISBN 9788469543276

- 64** **Title of the work:** Evaluacion de la Calidad Subjetiva de Juegos Online segun el Dispositivo de Acceso
Name of the conference: URSI 2012
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Elche, Spain
Date of event: 01/09/2012
Publication in conference proceedings: Yes
Jose Saldana; Julian Fernandez Navajas; Jose Ruiz Mas; Luis Casadesus. "Evaluacion de la Calidad Subjetiva de Juegos Online segun el Dispositivo de Acceso". En: Actas URSI 2012. pp. 0 - null. 2012. ISBN 9788469543276
- 65** **Title of the work:** Influencia del Buffer del Router en la Distribucion de Video P2P-TV
Name of the conference: URSI 2012
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Elche, Spain
Date of event: 01/09/2012
Publication in conference proceedings: Yes
Idelkys Quintana; Jose Saldana; Jose Ruiz Mas; Julian Fernandez Navajas; Casadesus Luis; Luis Sequeira. "Influencia del Buffer del Router en la Distribucion de Video P2P-TV". En: Actas URSI 2012. pp. 0 - null. 2012. ISBN 9788469543276
- 66** **Title of the work:** TPC Member
Name of the conference: IEEE ICCCN 2012, 8th International Workshop on Networking Issues in Multimedia Entertainment (NIME'12)
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Munich, Germany
Date of event: 30/07/2012
José María Saldaña Medina.
- 67** **Title of the work:** The Effect of TCP Variants on the Coexistence of MMORPG and Best-Effort Traffic
Name of the conference: IEEE ICCCN 2012, 8th International Workshop on Networking Issues in Multimedia Entertainment (NIME'12)
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Munich, Germany
Date of event: 30/07/2012
Publication in conference proceedings: Yes
Jose Saldana - Mirko Suznjevic - Luis Sequeira -. "The Effect of TCP Variants on the Coexistence of MMORPG and Best-Effort Traffic". En: Proc. ICCCN 2012. 1, pp. 1 - 5. 2012. ISBN 9781467315432
- 68** **Title of the work:** Empirically Characterizing the Buffer Behaviour of Real Devices
Name of the conference: SPECTS 2012, International Symposium on Performance Evaluation of Computer and Telecommunication Systems
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Génova, Italy



Date of event: 09/07/2012

Publication in conference proceedings: Yes

Luis Sequeira; Julián Fernandez-Navajas; Jose Saldana; Luis Casadesus; Jose Ruiz-Mas. "Empirically Characterizing the Buffer Behaviour of Real Devices". En: Proc. SPECTS 2012. pp. 0 - null. 2012. ISBN 9781467322355

- 69** **Title of the work:** Traffic Optimization for TCP-based Massive Multiplayer Online Games
Name of the conference: SPECTS 2012, International Symposium on Performance Evaluation of Computer and Telecommunication Systems
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Génova, Italy
Date of event: 09/07/2012
Publication in conference proceedings: Yes
Jose Saldana - Luis Sequeira - Julian Fernandez-. "Traffic Optimization for TCP-based Massive Multiplayer Online Games". En: Proc. SPECTS 2012. pp. 0 - null. 2012. ISBN 9781467322355
- 70** **Title of the work:** Widening the Scope of a Standard: Real Time Flows Tunneling, Compressing and Multiplexing
Name of the conference: IEEE ICC 2012, Workshop on Telecommunications: from Research to Standards
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Ottawa, Canada
Date of event: 10/06/2012
Type of contribution: Scientific paper
Jose Saldana; Dan Wing; Julián Fernandez-Navajas; José Ruiz-Mas; Muthu A.M. Perumal; Gonzalo Camarillo. "Widening the scope of a standard: Real time flows tunneling, compressing and multiplexing". En: IEEE International Conference on Communications. pp. 6906 - 6910. 2012. ISBN 1550-3607
- 71** **Title of the work:** TPC Member
Name of the conference: NOSSDAV 2012, The 22nd ACM Workshop on Network and Operating Systems Support for Digital Audio and Video
Geographical area: Non EU International
Type of participation: Organizational - Scientific and organizing committee
City of event: Toronto, Canada
Date of event: 07/06/2012
José María Saldaña Medina.
- 72** **Title of the work:** Shooting Around the Corner: The Problem of Real-time Services
Name of the conference: IETF83
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: París, France
Date of event: 01/03/2012
Jose Saldana; Dan Wing; Julian Fernández-Navajas; Jose Ruiz-Mas; Muthu A.M. Perumal; Gonzalo Camarillo; Michael Ramalho. "Shooting Around the Corner: The Problem of Real-time Services". En: The IETF Journal. 8, issue 1, pp. 20 - 26. 2012.
- 73** **Title of the work:** Influence of Online Games Traffic Multiplexing and Router Buffer on Subjective Quality
Name of the conference: CCNC 2012
Geographical area: Non EU International
Type of participation: Participatory - oral communication



City of event: Las Vegas, United States of America

Date of event: 14/01/2012

Publication in conference proceedings: Yes

Jose Saldana - Julian Fernandez-Navajas - Jose R. "Influence of Online Games Traffic Multiplexing and Router Buffer on Subjective Quality". En: Proc. CCNC 2012. pp. 482 - 486. 2012. ISBN 9781457720697

74 Title of the work: The Effect of Router Buffer Size on Subjective Gaming Quality Estimators based on Delay and Jitter

Name of the conference: CCNC 2012

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Las Vegas, United States of America

Date of event: 14/01/2012

Publication in conference proceedings: Yes

Jose Saldana - Julian Fernandez-Navajas - Jose R. "The Effect of Router Buffer Size on Subjective Gaming Quality Estimators based on Delay and Jitter". En: Proc. CCNC 2012. pp. 502 - 506. 2012. ISBN 9781457720697

75 Title of the work: The Utility of Characterizing Packet Loss as a Function of Packet Size in Commercial Routers

Name of the conference: CCNC 2012

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Las Vegas, United States of America

Date of event: 14/01/2012

Publication in conference proceedings: Yes

Jose Saldana - Julian Fernandez-Navajas - Jose R. "The Utility of Characterizing Packet Loss as a Function of Packet Size in Commercial Routers". En: Proc. CCNC 2012. pp. 362 - 363. 2012. ISBN 9781457720697

76 Title of the work: TPC Member

Name of the conference: 4th IEEE International Workshop on Digital Entertainment, Networked Virtual Environments, and Creative Technology, held in conjunction with IEEE CCNC 2012

Geographical area: Non EU International

Type of participation: Organizational - Scientific and organizing committee

City of event: Las Vegas, United States of America

Date of event: 06/01/2012

José María Saldaña Medina.

77 Title of the work: Ahorro de Ancho de Banda en Juegos Online Mediante el uso de Técnicas de Tunelado, Compresión y Multiplexión

Name of the conference: JITEL 2011

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Santander, Spain

Date of event: 28/09/2011

Publication in conference proceedings: Yes

J. M. Saldaña Medina - J. Fernández Navajas - J. "Ahorro de Ancho de Banda en Juegos Online Mediante el uso de Técnicas de Tunelado, Compresión y Multiplexión". En: Actas X Jornadas de Ingeniería Telemática (JITEL 2011). pp. 72 - 79. 2011. ISBN 9788469459485



- 78** **Title of the work:** Mejora de la Calidad en un Sistema de Telefonía IP Mediante el uso de Técnicas de Multiplexión
Name of the conference: JITEL 2011
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Santander, Spain
Date of event: 28/09/2011
Publication in conference proceedings: Yes
J. M. Saldaña Medina - J. Fernández Navajas - J. "Mejora de la Calidad en un Sistema de Telefonía IP Mediante el uso de Técnicas de Multiplexión". En: Actas X Jornadas de Ingeniería Telemática (JITEL 2011). pp. 361 - 364. 2011. ISBN 9788469459485
- 79** **Title of the work:** QMoES: Una Herramienta de Estimación de BW en Arquitecturas QoE de Banda Ancha
Name of the conference: JITEL 2011
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Santander, Spain
Date of event: 28/09/2011
Publication in conference proceedings: Yes
J. I. Aznar Baranda - Eduardo Viruete Navarro -. "QMoES: Una Herramienta de Estimación de BW en Arquitecturas QoE de Banda Ancha". En: Actas X Jornadas de Ingeniería Telemática (JITEL 2011). pp. 357 - 360. 2011. ISBN 9788469459485
- 80** **Title of the work:** Herramienta para Automatización de Medidas de Tiempo Real Extremo a Extremo
Name of the conference: URSI 2011
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Leganés, Spain
Date of event: 09/09/2011
Publication in conference proceedings: Yes
L. A. Casadesus Pazos; J. Fernandez Navajas; J. Ruiz Mas; Jose Saldana; J. I. Aznar Baranda; E. Viruete Navarro. "Herramienta para Automatización de Medidas de Tiempo Real Extremo a Extremo". En: Actas del XXVI Simposium Nacional de la Union Científica Internacional de Radio (URSI 2011). 1, pp. 95 - 95. 2011. ISBN 9788493393458
- 81** **Title of the work:** Influencia del Buffer del Router en la Multiplexión de Juegos Online
Name of the conference: URSI 2011
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Leganés, Spain
Date of event: 09/09/2011
Publication in conference proceedings: Yes
Jose Saldana; J. Fernandez Navajas; J. Ruiz Mas; J. I. Aznar Baranda; E. Viruete Navarro; L. A. Casadesus Pazos. "Influencia del Buffer del Router en la Multiplexión de Juegos Online". En: Actas del XXVI Simposium Nacional de la Union Científica Internacional de Radio (URSI 2011). 1, pp. 96 - 96. 2011. ISBN 9788493393458
- 82** **Title of the work:** Business Model Approach for QoE Optimized Service Delivery
Name of the conference: International Conference on E-Business
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Sevilla, Spain



Date of event: 18/07/2011

Publication in conference proceedings: Yes

Jose I. Aznar; Eduardo Viruete; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose Saldana; Luis Casadesus. "Business Model Approach for QoE Optimized Service Delivery". En: Proc. International Conference on E-Business. pp. 211 - 214. 2011. ISBN 9789898425706

83 Title of the work: Evaluation of Distribution Channels for IP Interactive QoE Based Services

Name of the conference: International Conference on E-Business

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Sevilla, Spain

Date of event: 18/07/2011

Publication in conference proceedings: Yes

Jose I. Aznar; Eduardo Viruete; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose Saldana; Luis Casadesus. "Evaluation of Distribution Channels for IP Interactive QoE Based Services". En: Proc. International Conference on E-Business. pp. 167 - 170. 2011. ISBN 9789898425706

84 Title of the work: Bandwidth Efficiency Improvement for Online Games by the use of Tunneling, Compressing and Multiplexing Techniques

Name of the conference: 2011 International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS2011

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: The Hague, Holland

Date of event: 27/06/2011

Publication in conference proceedings: Yes

Jose Saldana; Jenifer Murillo; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose I. Aznar; Eduardo Viruete. "Proc. International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS2011". En: Bandwidth Efficiency Improvement for Online Games by the use of Tunneling, Compressing and Multiplexing Techniques. pp. 227 - 234. 2011. ISBN 9781617823091

85 Title of the work: Improving Quality in a Distributed IP Telephony System by the use of Multiplexing Techniques

Name of the conference: 2011 International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS2011

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: The Hague, Holland

Date of event: 27/06/2011

Publication in conference proceedings: Yes

Jenifer Murillo; Jose Saldana; Julian Fernandez-Navajas; Jose Ruiz-Mas; Eduardo Viruete; Jose I. Aznar. "Improving Quality in a Distributed IP Telephony System by the use of Multiplexing Techniques". En: Proc. International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS2011. pp. 54 - 61. 2011. ISBN 9781617823091

86 Title of the work: Influence of the Router Buffer on Online Games Traffic Multiplexing

Name of the conference: 2011 International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS2011

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: The Hague, Holland

Date of event: 27/06/2011

**Publication in conference proceedings:** Yes

Jose Saldana; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose I. Aznar; Eduardo Viruete; Luis Casadesus. "Proc. International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS2011". En: Influence of the Router Buffer on Online Games Traffic Multiplexing. pp. 253 - 258. 2011. ISBN 9781617823091

87 Title of the work: QMoEs: A Bandwidth Estimation and Monitoring Tool for QoE-Driven Broadband Networks**Name of the conference:** NTMS 2011**Geographical area:** Non EU International**Type of participation:** Participatory - oral communication**City of event:** París, France**Date of event:** 07/02/2011**Type of contribution:** Scientific paper

José I. Aznar - Eduardo Viruete - Julián Fernánd. "QMoEs: A Bandwidth Estimation and Monitoring Tool for QoE-Driven Broadband Networks". pp. 0 - null. 2011. ISBN 9781424487042

88 Title of the work: QoS and Admission Probability Study for a SIP-based Central Managed IP Telephony System**Name of the conference:** NTMS 2011**Geographical area:** Non EU International**Type of participation:** Participatory - oral communication**City of event:** París, France**Date of event:** 07/02/2011**Type of contribution:** Scientific paper

Jose Saldana - Jenifer Murillo - Julián Fernández. "QoS and Admission Probability Study for a SIP-based Central Managed IP Telephony System". En: Proceedings IV IFIP International Conference on New Technologies, Mobility and Security. 1, pp. 0 - null. 2011. ISBN 9781424487042

89 Title of the work: Evaluation of Multiplexing and Buffer Policies Influence on VoIP Conversation Quality**Name of the conference:** CCNC 2011**Geographical area:** Non EU International**Type of participation:** Participatory - oral communication**City of event:** Las Vegas, United States of America**Date of event:** 09/01/2011**Type of contribution:** Scientific paper

Jose Saldana; Jenifer Murillo; Julián Fernández-Navajas; José Ruiz-Mas; Eduardo Viruete; José I. Aznar. "Evaluation of Multiplexing and Buffer Policies Influence on VoIP Conversation Quality". En: Proc. CCNC 2011. pp. 1147 - 1151. 2011. ISBN 9781424487882

90 Title of the work: Influence of the Distribution of TCRTM Multiplexed Flows on VoIP Conversation Quality**Name of the conference:** CCNC 2011**Geographical area:** Non EU International**Type of participation:** Participatory - oral communication**City of event:** Las Vegas, United States of America**Date of event:** 09/01/2011**Type of contribution:** Scientific paper

Jose Saldana; Jenifer Murillo; Julián Fernández-Navajas; José Ruiz-Mas; Eduardo Viruete; José I. Aznar. "Influence of the Distribution of TCRTM Multiplexed Flows on VoIP Conversation Quality". En: Proc. CCNC 2011. pp. 711 - 712. 2011. ISBN 9781424487882



- 91** **Title of the work:** Distributed IP Telephony System with Call Admission Control
Name of the conference: CENTERIS 2010
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Viana do Castelo, Portugal
Date of event: 01/10/2010
Publication in conference proceedings: Yes
Jose Saldana; Jenifer Murillo; Julian Fernandez-Navajas; Jose Ruiz-Mas; Eduardo Viruete; Jose I. Aznar. "Distributed IP Telephony System with Call Admission Control". En: CENTERIS 2010. Book of abstracts. 1, pp. 25 - 25. 2010. ISBN 9789899692008
- 92** **Title of the work:** Análisis de QoS para una Plataforma Distribuida de Telefonía IP
Name of the conference: JITEL 2010
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Valladolid, Spain
Date of event: 29/09/2010
Publication in conference proceedings: Yes
J. Murillo - J. M. Saldaña Medina - J. Fernández. "Análisis de QoS para una Plataforma Distribuida de Telefonía IP". En: Actas de las IX Jornadas de Ingeniería Telemática (JITEL 2010). 1, pp. 0 - null. 2010. ISBN 9788469353981
- 93** **Title of the work:** Evaluación de nuevos canales de distribución en servicios interactivos IP
Name of the conference: JITEL 2010
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Valladolid, Spain
Date of event: 29/09/2010
Publication in conference proceedings: Yes
José Ruiz Mas - José I. Aznar - Jose Saldana -. "Evaluación de nuevos canales de distribución en servicios interactivos IP". En: Actas de las IX Jornadas de Ingeniería Telemática (JITEL 2010). 1, pp. 417 - 420. 2010. ISBN 9788469353981
- 94** **Title of the work:** Emulación de Escenarios de Red mediante un Testbed
Name of the conference: URSI 2010
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Bilbao, Spain
Date of event: 01/09/2010
Publication in conference proceedings: Yes
J. M. Saldaña Medina - J. Murillo - J. Fernández. "Emulación de Escenarios de Red mediante un Testbed". En: Actas del XXV Simposium Nacional de la Unión Científica Internacional de Radio (URSI 2010). 1, pp. 0 - null.
- 95** **Title of the work:** Testbed for Measuring Protocols and Real-Time Applications
Name of the conference: CEDI 2010
Geographical area: National
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 01/09/2010
Publication in conference proceedings: Yes



Jose Saldana; Jose Ruiz-Mas; Eduardo Viruete; Jenifer Murillo; Julian Fernandez-Navajas; Jose I. Aznar. "Testbed for Measuring Protocols and Real-Time Applications". En: Proc. I Workshop on Multimedia Data Coding and Transmission (WMDCT'2010). 1, pp. 65 - 70. 2010. ISBN 9788492812707

96 Title of the work: Hybrid Testbed for Network Scenarios

Name of the conference: Simutools 2010

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Torremolinos, Spain

Date of event: 01/03/2010

Publication in conference proceedings: Yes

Jose Saldana; Eduardo Viruete; Julian Fernandez-Navajas; Jose Ruiz-Mas; Jose I. Aznar. "Hybrid Testbed for Network Scenarios". En: Proceedings Simutools 2010. 1, pp. 0 - null. 2010. ISBN 789639799875

97 Title of the work: QoS Measurement-Based CAC for an IP Telephony system

Name of the conference: QShine 2009

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Las Palmas de Gran Canaria, Spain

Date of event: 01/11/2009

Type of contribution: Book chapter

J. M. Saldaña Medina - J. I. Aznar Baranda - E. "QoS Measurement-Based CAC for an IP Telephony system". En: Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. pp. 3 - 19. 2009. ISBN 978-3-642-106

98 Title of the work: Implementación de un CAC basado en medidas de QoS para sistemas de Telefonía IP

Name of the conference: VIII Jornadas de Ingeniería Telemática JITEL 2009

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Cartagena, Spain

Date of event: 15/09/2009

Publication in conference proceedings: Yes

J. M. Saldaña Medina - J. Fernández Navajas - J. "Implementación de un CAC basado en medidas de QoS para sistemas de Telefonía IP" ". En: Libro de Actas de las VIII Jornadas de Ingeniería Telemática (JITEL 2009). 1, pp. 463 - 466. 2009. ISBN 9788496997271

99 Title of the work: Sistema Multiagente de Medidas Activas E2E

Name of the conference: URSI 2009

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Santander, Spain

Date of event: 01/09/2009

Publication in conference proceedings: Yes

J. M. Saldaña Medina - J. Fernández Navajas - J. "Sistema Multiagente de Medidas Activas E2E". En: Actas del XXIV Simposium Nacional de la Unión Científica Internacional de Radio (URSI 2009). 1, pp. 247 - 248. 2009. ISBN 9788481025507



Science Outreach activities

- 1** **Title of the work:** Online games: a real-time problem for the network
Name of the event: Invited Talk Liverpool John Moores University, Wi-5 Project
Type of event: Conferences given
City of event: Liverpool, United Kingdom
Date of event: 28/10/2015
Organising entity: Liverpool John Moores University
Jose Saldana.
- 2** **Title of the work:** Online Games: Traffic Characterization and Network Support
Name of the event: IEEE CCNC
Type of event: Tutorial
City of event: Las Vegas, NV, United States of America
Date of event: 10/01/2014
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: New York, United States of America
Jose Saldana; Mirko Suznjevic.
- 3** **Title of the work:** The problem of using a best-effort network for online games
Name of the event: IEEE CCNC, NIME Workshop
Type of event: Conferences given
City of event: Las Vegas, NV, United States of America
Date of event: 08/01/2014
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: New York, United States of America
Jose Saldana; Mirko Suznjevic.
- 4** **Title of the work:** Online games tutorial
Name of the event: IETF87 Berlin
Type of event: Conferences given
City of event: Berlín, Germany
Date of event: 01/08/2013
Organising entity: IETF - INTERNET ENGINEERING TASK FORCE **Type of entity:** Organismo de estandarización
City organizing entity: Reston, VA, United States of America
Jose Saldana; Mirko Suznjevic. "It's Time to Give Online Games Serious Consideration, IETF Journal, November 2013, Volume 9, Issue 2".
- 5** **Title of the work:** Online games: is the Internet prepared for them?
Type of event: Conferences given
City of event: Zagreb, Croatia
Date of event: 10/05/2012
Organising entity: IEEE Communications Society, Croatian Section
City organizing entity: Zagreb, Croatia
Jose Saldana.



R&D management and participation in scientific committees

Organization of R&D activities

- 1** **Title of the activity:** SPECTS 2017, Miembro del Comité de Organización
Type of activity: Publications Chair **Geographical area:** Non EU International
City of event: Seattle, United States of America
Type of participation: Organiser
Start-End date: 09/07/2017 - 12/07/2017
- 2** **Title of the activity:** CCNC 2017, Miembro del Comité de Organización (Publications Chair) del congreso IEEE Consumer Communications and Networking Conference
Type of activity: Congreso **Geographical area:** Non EU International
Convening entity: IEEE
City convening entity: Las Vegas, United States of America
Type of participation: Organiser
N° assistants: 200
Start date: 10/01/2017 **Duration:** 4 days
- 3** **Title of the activity:** SPECTS 2016, Miembro del Comité de Organización (Publications Chair) del International Symposium on Performance Evaluation of Computer and Telecommunication Systems, July 24-27, 2016, Montreal, Quebec, Canada
Type of activity: Congreso **Geographical area:** Non EU International
City convening entity: Montreal, Canada
Type of participation: Organiser
N° assistants: 100
Start date: 24/07/2016 **Duration:** 4 days
- 4** **Title of the activity:** CCNC 2016, Miembro del Comité de Organización (Publications Chair) del congreso IEEE Consumer Communications and Networking Conference, Las Vegas
Type of activity: Congreso **Geographical area:** Non EU International
Convening entity: IEEE
City convening entity: United States of America
Type of participation: Organiser
N° assistants: 200
Start date: 09/01/2016 **Duration:** 4 days
- 5** **Title of the activity:** IEEE WF-IoT 2015, Miembro del Comité de Organización (Publications Chair) del IEEE 2nd World Forum on Internet of Things- Enabling Internet Evolution
Type of activity: Congreso **Geographical area:** European Union
Convening entity: IEEE
City convening entity: Milan, Italy
Type of participation: Publications Chair
N° assistants: 200
Start date: 14/12/2015 **Duration:** 3 days
- 6** **Title of the activity:** Miembro del Comité de Organización (Publications Chair) del International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2015, July 26-29, 2015, Chicago, IL, USA



Type of activity: Congreso
Type of participation: Organiser
Nº assistants: 100
Start date: 26/07/2015

Geographical area: Non EU International
Duration: 4 days

- 7** **Title of the activity:** Miembro del Comité de Organización (Publications Chair) del congreso IEEE Consumer Communications and Networking Conference, CCNC 2015, Las Vegas
Type of activity: Congreso
Type of participation: Organiser
Nº assistants: 200
Start date: 09/01/2015

Geographical area: Non EU International
Duration: 4 days

- 8** **Title of the activity:** Miembro del Comité de Organización (Publications Chair) del International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2014, July 6-10, 2014, Monterey, CA, USA
Type of activity: Congreso
Type of participation: Organiser
Nº assistants: 100
Start date: 06/07/2014

Geographical area: Non EU International
Duration: 5 days

- 9** **Title of the activity:** Miembro del Comité de Organización (Demonstrations Co-Chair) del congreso IEEE Consumer Communications and Networking Conference, IEEE CCNC 2014, The 11th annual IEEE Consumer Communications & Networking Conference
Type of activity: Co-Chair del Demonstrations Track
Type of participation: Organiser
Nº assistants: 150
Start date: 10/01/2014

Geographical area: Non EU International
Duration: 4 days

- 10** **Title of the activity:** Miembro del Comité de Organización (Publications Chair) del International Symposium on Performance Evaluation of Computer and Telecommunication Systems SPECTS 2013, julio 2013, Toronto, Canadá.
Type of activity: Congreso
Type of participation: Organiser
Nº assistants: 100
Start date: 07/07/2013

Geographical area: Non EU International
Duration: 4 days

- 11** **Title of the activity:** Miembro del Comité de Organización (Publicity Chair) y del Comité Técnico del Congreso del Congreso Internacional QShine 2010, 7th International ICST Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness. Houston, Texas, USA. Nov. 17-19, 2010
Type of activity: Congreso Internacional
Type of participation: Organiser
Nº assistants: 150
Start date: 17/11/2010

Geographical area: Non EU International
Duration: 3 days

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** IEEE Sensors journal, ISSN: 1558-1748, 2024 Journal Impact Factor 4.5
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Sensors
City of entity: Piscataway, United States of America
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 07/11/2025 - 07/11/2025
- 2** **Name of the activity:** IEEE Transactions on Industrial Informatics. ISSN: 1551-3203, 2024 Journal Impact Factor 11.7
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Transactions on Industrial Informatics
City of entity: Piscataway, United States of America
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 23/07/2025 - 23/07/2025
- 3** **Name of the activity:** MDPI Electronics. ISSN 2079-9292, 2023 Journal Impact Factor 2.6
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: MDPI Electronics
City of entity: Basel, Switzerland
Type of activity: Review of articles in scientific or technological journals
Geographical area: European Union
Start-End date: 07/04/2025 - 07/04/2025
- 4** **Name of the activity:** Journal of Modern Power Systems and Clean Energy. ISSN 2196-5625, 2023 Journal Impact Factor 5.7
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: State Grid Electric Power Research Institute (SGEPRI)
City of entity: Nanjing, China
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 04/04/2025 - 04/04/2025
- 5** **Name of the activity:** IEEE Transactions on Industrial Informatics. ISSN: 1551-3203, 2024 Journal Impact Factor 11.7
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Transactions on Industrial Informatics
City of entity: Piscataway, United States of America
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 14/03/2025 - 14/03/2025
- 6** **Name of the activity:** MDPI Sensors. ISSN: 1424-8220, 2024 Journal Impact Factor 3.4
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: MDPI Sensors
City of entity: Basel, Switzerland



Type of activity: Review of articles in scientific or technological journals
Geographical area: European Union
Start-End date: 11/03/2025 - 11/03/2025

7 **Name of the activity:** Wiley International Transactions on Electrical Energy Systems. Print ISSN:2050-7038, 2022 Journal Impact Factor 2.3
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: International Transactions on Electrical Energy Systems
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 25/04/2024 - 25/04/2024

8 **Name of the activity:** IEEE Access. ISSN 2169-3536 (JCR 2021: 3.476).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Access
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 26/01/2024 - 26/01/2024

9 **Name of the activity:** IEEE PES Letters (<https://ieeepes.org/publications/pes-letters/>)
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE PES Letters
City of entity: United States of America
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 22/01/2024 - 22/01/2024

10 **Name of the activity:** IEEE Communications Magazine. ISSN 0163-6804 (JCR 2022: 11.2).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Magazine
City of entity: United States of America
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 24/11/2023 - 24/11/2023

11 **Name of the activity:** IEEE Access. ISSN 2169-3536 (JCR 2021: 3.476).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Access
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 04/10/2023 - 04/10/2023

12 **Name of the activity:** IEEE Transactions on Network and Service Management
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Transactions on Network and Service Management
City of entity: United States of America
Start-End date: 16/06/2023 - 16/06/2023

13 **Name of the activity:** IEEE Access. ISSN 2169-3536 (JCR 2021: 3.476).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Access



Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 01/06/2023 - 01/06/2023

- 14** **Name of the activity:** IEEE Network - The Magazine of Global Internetworking.
<https://www.comsoc.org/publications/magazines/ieee-network>
Performed tasks: Revisor de un artículo en revista JCR - IEEE NETWORK-21-00747
Entity where activity was carried out: IEEE **Type of entity:** R&D Centre
Network - The Magazine of Global Internetworking.
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 16/02/2022 - 04/03/2022
- 15** **Name of the activity:** Wireless Communications and Mobile Computing, Hindawi (Impact Factor JCR 2.336, 2021) <https://www.hindawi.com/journals/wcmc/>
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Wireless Communications and Mobile Computing, Hindawi
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 01/02/2020 - 01/02/2020
- 16** **Name of the activity:** IEEE Access. ISSN 2169-3536 (JCR 2016: 3.244).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Access
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 02/01/2020 - 02/01/2020
- 17** **Name of the activity:** IEEE Communications Magazine
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Magazine
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/06/2019 - 01/06/2019
- 18** **Name of the activity:** Computer Communications,
<https://www.journals.elsevier.com/computer-communications>
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Computer Communications, Elsevier
Type of activity: Review of articles in scientific or technological journals
Geographical area: European Union
Start-End date: 01/04/2019 - 01/04/2019
- 19** **Name of the activity:** IEEE Wireless Communications, ISSN 1536-1284 (JCR 2015: 4.148)
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Wireless Communications
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 01/02/2019 - 01/02/2019



- 20 Name of the activity:** IEEE Communications Letters
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Letters
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/11/2018 - 01/11/2018
- 21 Name of the activity:** IEEE Transactions on Communications, <https://www.comsoc.org/publications/journals/ieee-tcom>
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Transactions on Communications
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start-End date: 01/11/2018 - 01/11/2018
- 22 Name of the activity:** IEEE Journal on Selected Areas in Communications
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Journal on Selected Areas in Communications
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/10/2018 - 01/10/2018
- 23 Name of the activity:** IEEE Communications Letters
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Letters
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/05/2018 - 01/05/2018
- 24 Name of the activity:** IEEE Network, ISSN: 0890-8044
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Network
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/05/2018 - 01/05/2018
- 25 Name of the activity:** IEEE Communications Magazine
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Magazine
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 02/01/2018 - 02/01/2018
- 26 Name of the activity:** IEEE Journal on Selected Areas in Communications
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Journal on Selected Areas in Communications
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/09/2017 - 01/09/2017
- 27 Name of the activity:** IEEE Network, ISSN: 0890-8044
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Network



City of entity: Spain

Type of activity: Review of articles in scientific or technological journals

Start-End date: 01/03/2017 - 01/03/2017

28 Name of the activity: IEEE Access. ISSN 2169-3536 (JCR 2015: 1.270).

Performed tasks: Revisor de un artículo en revista JCR

Entity where activity was carried out: IEEE Access

Type of activity: Review of articles in scientific or technological journals

Geographical area: Non EU International

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

29 Name of the activity: IEEE Network, ISSN: 0890-8044

Performed tasks: Revisor de un artículo en revista JCR

Entity where activity was carried out: IEEE Network

City of entity: Spain

Type of activity: Review of articles in scientific or technological journals

Start-End date: 01/06/2015 - 01/06/2015

30 Name of the activity: IEEE Communications Letters

Performed tasks: Revisor de un artículo en revista JCR

Entity where activity was carried out: IEEE Communications Letters

Type of activity: Review of articles in scientific or technological journals

Start-End date: 02/01/2015 - 02/01/2015

31 Name of the activity: International Journal of Ad Hoc and Ubiquitous Computing. Impact factor (Clarivate Analytics) 2021 0.654

Performed tasks: Revisor de un artículo en revista JCR

Entity where activity was carried out: International Journal of Ad Hoc and Ubiquitous Computing, Inderscience

City of entity: Spain

Type of activity: Review of articles in scientific or technological journals

Start-End date: 08/07/2014 - 08/07/2014

32 Name of the activity: IEEE Network

Performed tasks: Revisor de un artículo en revista JCR

Entity where activity was carried out: IEEE Network

City of entity: Spain

Type of activity: Review of articles in scientific or technological journals

Start-End date: 14/04/2014 - 14/04/2014

33 Name of the activity: Computers in Human Behaviour, <https://www.journals.elsevier.com/computers-in-human-behavior>

Performed tasks: Revisor de un artículo en revista JCR

Entity where activity was carried out: Computers in Human Behaviour, Elsevier

Type of activity: Review of articles in scientific or technological journals

Geographical area: European Union

Start-End date: 02/01/2014 - 02/01/2014

34 Name of the activity: Artificial Intelligence in the Actuating Internet of Things

Performed tasks: Revisor Externo de un proyecto de investigación

Entity where activity was carried out: Ohio University Research Council



City of entity: Ohio, United States of America
Type of activity: Evaluación de un proyecto de investigación
Start-End date: 22/11/2013 - 23/11/2013

35 Name of the activity: IEEE Network, Special Issue on Open Source for Networking: Development and Experimentation

Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Network
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/09/2013 - 01/09/2013

36 Name of the activity: IEEE Communications Magazine, Network Testing series

Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Magazine
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/03/2013 - 01/03/2013

37 Name of the activity: IEEE Journal on Selected Areas in Communications, Special Issue on Adaptive Media Streaming, 2013

Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Journal on Selected Areas in Communications
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/01/2013 - 01/01/2013

38 Name of the activity: Journal of Visual Communication and Image Representation, Elsevier

Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Journal of Visual Communication and Image Representation, Elsevier
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/12/2012 - 01/12/2012

39 Name of the activity: KSII Transactions on Internet and Information Systems

Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: KSII Transactions on Internet and Information Systems
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/08/2012 - 01/09/2012

40 Name of the activity: IEEE Communications Letters

Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Letters
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/08/2012 - 01/08/2012



- 41 Name of the activity:** Computer Networks (Elsevier)
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Computer Networks, Elsevier
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/01/2012 - 01/01/2012
- 42 Name of the activity:** Multimedia Systems, Special Issue "Network and Systems Support for Games", Springer
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Multimedia Systems, Springer
City of entity: Spain
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/01/2012 - 01/01/2012
- 43 Name of the activity:** "Información Tecnológica" ISSN 0718-0764 (Scielo)
Performed tasks: Revisor de un artículo en la revista Internacional
Entity where activity was carried out: Información Tecnológica, Scielo
Type of activity: Review of articles in scientific or technological journals
Start-End date: 01/09/2011 - 30/09/2011
- 44 Name of the activity:** Computer Networks (Impact Factor JCR 4.474, 2021)
<https://www.journals.elsevier.com/computer-networks>
Performed tasks: Revisor de un artículo en revista JCR - COMNET-D-22-00077
Entity where activity was carried out: Computer Networks, Elsevier
Type of activity: Review of articles in scientific or technological journals
Geographical area: European Union
Start date: 16/02/2022
- 45 Name of the activity:** IEEE Communications Letters, ISSN 1089-7798. JCR 2016: 1.988
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Letters
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/07/2017
- 46 Name of the activity:** International Journal of Communication Systems, Online ISSN: 1099-1131. JCR 2015: 1.099
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: International Journal of Communication Systems, Wiley
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/07/2017
- 47 Name of the activity:** Wireless Networks, The Journal of Mobile Communication, Computation and Information, ISSN: 1022-0038 (Print) 1572-8196 (Online) JCR 2016: 1.584
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Wireless Networks, Springer
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/07/2017



- 48** **Name of the activity:** IEEE Access. ISSN 2169-3536 (JCR 2016: 3.244).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Access
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/06/2017
- 49** **Name of the activity:** IEEE Access. ISSN 2169-3536 (JCR 2015: 1.270).
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Access
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/02/2017
- 50** **Name of the activity:** Computer Networks. ISSN 1389-1286, JCR 2015: 1.446
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: Computer Networks, Elsevier
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/11/2016
- 51** **Name of the activity:** IEEE Wireless Communications, ISSN 1536-1284 (JCR 2015: 4.148)
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Wireless Communications
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/11/2016
- 52** **Name of the activity:** IEEE Communications Magazine, ISSN: 0163-6804 (JCR 2015: 5.125)
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: IEEE Communications Magazine
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/09/2016
- 53** **Name of the activity:** Revista IET, The Journal of Engineering, ISSN: 2051-3305
Performed tasks: Revisor de un artículo en revista JCR
Entity where activity was carried out: The Journal of Engineering, IET
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 01/07/2016



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** TNO, Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek
City of entity: Den Haag, Holland
Start-End date: 11/01/2017 - 10/04/2017 **Duration:** 3 months
Goals of the stay: Post-doctoral
Provable tasks: Investigación en tareas del proyecto H2020 Wi-5 (G.A. No. 644262)
- 2** **Entity:** Università di Bologna
City of entity: Bologna, Italy
Start date: 30/04/2012 **Duration:** 2 months - 16 days
Funding entity: Gobierno de Aragón y Caja de Ahorros de la Inmaculada
Name of programme: Programa Europa
Goals of the stay: Post-doctoral

Obtained grants and scholarships

Name of the grant: Ayuda para Estancia de investigación
Aims: Post-doctoral
Awarding entity: DPTO. CIENCIA, TECNOLOGIA Y UNIVERSIDAD, CONA I+D **Type of entity:** State agency
Conferral date: 01/05/2012 **Duration:** 2 months - 15 days
End date: 15/07/2012
Entity where activity was carried out: Universidad de Bologna

Scientific societies and professional associations

Name of the society: IEEE, Institute of Electrical and Electronics Engineers, Communications Society
City affiliation entity: Washington, United States of America
Professional category: Senior Member
Start date: 01/01/2010

Editorial councils

- 1** **Name of the editorial council:** IEEE Access. Associate Editor
Affiliation entity: IEEE
City affiliation entity: United States of America
Start date: 09/03/2017
- 2** **Name of the editorial council:** KSII Transactions on Internet and Information Systems, Journal Impact Factor year 2017: 0.611. Desde 21/9/2017 soy Area Editor
Affiliation entity: Korean Society for Internet Information
City affiliation entity: SeúlSeúl, Republic of Korea



Start date: 01/12/2015

Prizes, mentions and distinctions

Description: Premio Triple Hélice

Awarding entity: Universidad de Zaragoza

Type of entity: University

City awarding entity: ZARAGOZA, Aragón, Spain

Conferral date: 22/10/2020

Recognition linked: <http://iuca.unizar.es/noticia/los-premios-triple-helice-de-la-universidad-de-zaragoza-reconocen-el-compromiso-del-iuca-con-la-transferencia-de-investigacion/>

Obtained accreditations/recognitions

- 1** **Description:** Profesor Ayudante Doctor
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA
City accrediting entity: Madrid, Spain
Date of recognition: 27/03/2014
- 2** **Description:** Profesor Contratado Doctor
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA
City accrediting entity: Madrid, Spain
Date of recognition: 11/03/2014
- 3** **Description:** Profesor de Universidad Privada
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA
City accrediting entity: Madrid, Spain
Date of recognition: 11/03/2014

Summary of other achievements

Description of the achievement: Host de una conferencia dentro de un IEEE ComSoc Distinguished Lecture Tour

Host de una conferencia dentro de un IEEE ComSoc Distinguished Lecture Tour

Host local de una conferencia del IEEE ComSoc Distinguished Lecture Tour – Europe, June 8-24, 2015

Ying-Dar Lin, IEEE Fellow

National Chiao Tung University, TAIWAN

Conferral date: 17/06/2015