

Curriculum Vitae Abreviado (sólo transferencia)

Vicente González Ruiz

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5 de noviembre de 2019

Datos personales

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Situación profesional actual

Organismo: Universidad de Almería
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Categoría profesional: Profesor Titular de Universidad
Fecha inicio: 4/5/2003
Espec. cód. UNESCO: 3304 1203 2203
Palabras clave: Codificación y transmisión de imágenes y vídeo

Indicadores generales de la transferencia del conocimiento

Patentes:	0
Modelos de utilidad:	0
Organizaciones:	1 (ver Organizaciones de software libre)
Acuerdos de explotación:	0
Contratos con empresas:	5 (ver Contratos)
Convenios I+D+i:	1 (ver Convenios)
Creación de empresas de base tecnología:	2 (ver Creación de empresas)
Proyectos colaborativos:	8 (ver Proyectos)
Workshops (con empresas):	1 (ver Workshops)

1. Organizaciones

[1] [P2PSP.org](#).

Purpose: Nonprofit organization that develops, among other things, the P2PSP protocol. P2PSP is an application layer protocol designed for the real-time streaming of multimedia content over the Internet..

Founders: Cristóbal Medina López, Juan Pablo García Ortiz, Juan Alvaro Muñoz Naranjo, Leocadio González Casado y Vicente González Ruiz.

Heads: Cristóbal Medina López y Vicente González Ruiz.
From 2015 *until* -.

2. Contratos

[1] **Implementation of a Highly Scalable JPIP Server for the ESA/NASA Jhelioviewer Project.**

Founding company: European Space Agency.

Main researcher: Juan Pablo García Ortiz.

Budget: 9.000 €.

From 2010/09/01 *until* 2010/12/31.

[2] **FSVC en dispositivos móviles.**

Founding company: Asociación de Investigación y Cooperación Industrial de Andalucía (AICIA).

Main researcher: Vicente González Ruiz.

Budget: 23.095,6 €.

From 2007/11/06 *until* 2008/11/05.

[3] **Proyecto Codec FSVC (Fully Scalable Video Codec).**

Founding company: IRC Crawler S.L..

Main researcher: Vicente González Ruiz.

Budget: 38.779,48 €.

From 2006/01/04 *until* 2008/01/04.

[4] **eSpectia Peer to Peer.**

Founding company: IRC Crawler S.L..

Main researcher: Leocadio González Casado, Jose Antonio Martínez García y Vicente González Ruiz.

Budget: 15.248,71 €.

From 2006/06/01 *until* 2007/12/31.

[5] **Edición-Publicación Web de Imágenes en formato DICOM.**

Founding company: Tecnologías Digitales Audiovisuales, S.L. (TEDIAL).

Main researcher: Inmaculada García Fernández.

Budget: 13.920 €.

From 2002/02/18 *until* 2004/02/19.

3. Convenios

[1] **Unidad asociada I+D al CSIC. Asociación del grupo de investigación "Supercomputación: Algoritmos" al CENTRO Nacional de Biotecnología (CSIC). Convenio.**

Founding company: CSIC.

Main researcher: José Jesús Fernández Rodríguez.

From 2005/12/01 *until* 2011/12/01.

4. Creación de Empresas

[1] **Luxunda SL.**

CIF: B04743761.

Address: C/ Santiago 1 bajo A, 04006, Almería, España.

CEO: Juan Pablo García Ortiz.

Foundation stock: 3,006,00 €.

From 2012/03/23 *until* -.

[2] **IPTV Solutions SL.**

CIF: B04621157.

Address: C/ Magistral Dominguez 11, 04003, Almería, España.

CEO: José Francisco Bermúdez Pérez.

Foundation stock: 213,000,00 €.

From 2007/12/21 *until* 2011/09/26.

5. Proyectos

[1] **Super-resolution Imaging through High-frequency Subbands Prediction in the Wavelet Domain.**

Founding entity: European Space Agency.

Program: [ESA Summer of Code in Space \(SoCiS\)](#) 2019.

Main researchers: Shobhit Patel and García-Sobrino, J.J. and González-Ruiz, V..

Budget: Honorable participation.

From 2019/03/04 *until* 2019/10/31.

Number of researchers: 3.

Evidences: [Implementation at GitHub](#).

[2] **Improving the Jhelioviewer client using conditional replenishment.**

Founding entity: European Space Agency.

Program: [ESA Summer of Code in Space \(SoCiS\)](#) 2019.

Main researchers: Dhiraj Sharma and Sánchez-Hernández, J.J. and González-Ruiz, V..

Budget: Honorable participation.

From 2019/03/04 *until* 2019/10/31.

Number of researchers: 3.

Evidences: [Implementation at GitHub](#).

[3] **Development of a tracker of splitters (unfinished).**

Founding entity: Google Inc..

Program: [Google Summer of Code \(GSoC\)](#) 2018.

Main researchers: Chakravorty, S. and García-Ortiz, J.P. and Qiao, Y. and González-Ruiz, V..

Budget: \$2.500.

From 2018/04/23 *until* 2018/08/22.

Evidences: [Implementation at GitHub](#), [Certificate of Appreciation \(organization administrator\)](#), [La Voz de Almería](#).

[4] **WebRTC implementation of a NAT traversal procedure based on port prediction (unfinished).**

Founding entity: Google Inc..

Program: [Google Summer of Code \(GSoC\)](#) 2018.

Main researchers: Sahni, P. and González-Ruiz, V. and Casado, L.G..

Budget: \$2.500.

From 2018/04/23 *until* 2018/08/22.

Evidences: [Certificate of Appreciation \(organization administrator\)](#).

- [5] **Implementation of a REST Webservice for the P2PSP media sources.**
Founding entity: Google Inc..
Program: Google Summer of Code (GSoC) 2017.
Main researchers: Gaunial, A. and García-Ortiz, J.P. and González-Ruiz, V..
Budget: \$6.000.
From 2017/06/01 *until* 2017/08/31.
Evidences: Implementation at GitHub, Project details at the Google Summer of Code Archive (PDF), Certificate of Appreciation (organization administrator).
- [6] **Implementation of the End-point Masquerading Set (EMS) of rules of the Peer-to-Peer Straightforward Protocol (P2PSP).**
Founding entity: Google Inc..
Program: Google Summer of Code (GSoC) 2016.
Main researchers: Shi, Kevin and Mertens, Max and González-Ruiz, V..
Budget: \$6.000.
From 2016/06/23 *until* 2016/08/31.
Evidences: Implementation at GitHub, Project details at the Google Summer of Code Archive (PDF), Certificate of Appreciation (mentor).
- [7] **GoPro Broadcasting Using P2PSP On Android.**
Founding entity: Google Inc..
Program: Google Summer of Code (GSoC) 2016.
Main researchers: Ravi, Sravan and García Salmerón, José Manuel and González-Ruiz, V..
Budget: \$6.000.
From 2016/06/23 *until* 2016/08/31.
Evidences: Implementation at GitHub, Project details at the Google Summer of Code Archive (PDF), Certificate of Appreciation (mentor).
- [8] **NAT traversal via hole punching Set of Rules for P2PSP.**
Founding entity: Google Inc..
Program: Google Summer of Code (GSoC) 2015.
Main researchers: Mertens, M. and García-Ortiz, J.P. and González-Ruiz, V..
Budget: \$6.000.
From 2015/05/25 *until* 2015/08/31.
Evidences: Implementation at GitHub, Project details at The Internet Archive, Project details at The Internet Archive (PDF).
- [9] **The Helioviewer Channel.**
Founding entity: European Space Agency.
Program: ESA Summer of Code in Space (SoCiS) 2012.
Main researchers: Kövesdán, G. and García-Ortiz, J.P. and González-Ruiz, V..
Budget: 4.000 €.
From 2012/06/10 *until* 2012/10/28.
Number of researchers: 3.
Evidences: Implementation at GitHub.
- [10] **Interactive HD Video Streaming with JPIP.**
Founding entity: European Space Agency.
Program: ESA Summer of Code in Space (SoCiS) 2011.
Main researchers: García-Ortiz, J.P. and González-Ruiz, V. and Sánchez-Hernández, J.J..
Budget: 3.000 €.
From 2011/07/01 *until* 2011/10/30.
Number of researchers: 3.
Evidences: JHelioviewer - JPEG2000 Visualization Software, ESA JPIP Server.
- [11] **Codificación eficiente de imágenes DICOM y TRANSCODING de secuencias de video MPEG.**
Founding entity: Junta de Andalucía. Consejería de Educación y Ciencia.

Main researchers: Inmaculada García Fernández.

Budget: 6.000 €.

From 2004/04/01 *until* 2005/12/31.

Number of researchers: 4.

6. Workshops

- [1] Cristóbal Medina-López, Juan Pablo García Ortiz, J.A.M Maranjo, L.G. Casado, and Vicente González-Ruiz. [IPTV using P2PSP and HTML5+WebRTC](#). In *The Fourth W3C Web and TV Workshop (Web & TV Convergence)*, page Paper Submission 5, March 2014. Munchen, Germany. [Bibtex entry](#).