

## Contact data and research IDs

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**Born:** November 6th, 1981, in Linares (Spain)



## Research Interest Topics

- Mobile robotics: autonomous navigation, localization, map building (SLAM)
- Estimation theory
- Computational dynamics
- Computer vision

## Education

- **PhD in Mobile Robotics** 11/2009  
*University of Málaga*
- **Electrical Engineering** (Ing. de Telecomunicación) 2005  
*University of Málaga*

## Academic Positions and Services

- Academic coordinator of the Degree in Mechanical Engineering 2016-present
- Associate Professor (*Profesor Contratado Doctor*) 08/2015-present  
*University of Almería, Engineering Department*
- Lecturer (*Profesor Ayudante Doctor*) 05-08/2015  
*University of Almería, Engineering Department*
- Visiting researcher 2013  
*University of La Coruña (Spain), LIM lab*
- Research scientist (*Juan de la Cierva*) 2012-2015  
*University of Almería, Engineering Department*
- Lecturer (*Profesor Ayudante Doctor*) 2010-2012  
*University of Málaga, Civil Engineering Department*

- Visiting PhD student 2008  
*University of Oxford (UK), MRG lab*
- PhD student 2005-2010  
*University of Málaga, Department of System Engineering and Automation*

## Patents and publications: books, articles, conference contributions

- Summary:
  - Journal articles: **31**
  - Conference papers: **48**
  - Patents: **6**
  - Books: **2**
  - Book chapters: **5**
- Full list: <https://w3.ual.es/~jlblanco/publications/>

## Awards and other achievements

- **Google Summer of Code (GSoC)** 2016-17  
Selected as Open Source organization for MRPT
- (University level) **PhD award** (Premio Extraordinario de Doctorado) 2011  
*E.T.S.I.I., Universidad de Málaga*
- (National level) “**Best Robotics PhD thesis**” 2009  
*Comité Español de Automática (CEA)*
- First Nikola Tesla Science Popularization award 2012  
“Nikola Tesla de divulgación científica”, Naukas (Bilbao).
- Lead developer of the *Mobile Robotic Programming Toolkit (MRPT)* 2005-present  
400+ cites in Google Scholar and 89k+ downloads since 2005

## Most relevant research projects & contracts

Title & description	Role (PI: Principal Investigador, R: researcher)	Dates
<b>Mobile Robotics consulting services</b> InTouch Health, Inc. (Santa Barbara)	PI	2016-present
<b>Estrategias de control y gestión energética en entornos productivos con apoyo de energías renovables</b> National grant (176 k€)	R	2015-2017
<b>Laboratorio De Investigación En Percepción Y Reconstrucción Digital 3d (3DLAB)</b> National grant (85 k€)	R	2014-2015
<b>Análisis, Desarrollo y Aplicación de Actuadores de Impedancia Variable para Robots de Servicio</b> National grant (65 k€)	R	2012-2014
<b>Nuevos desarrollos hacia un robot en casa</b> National grant	R	2011-2013
<b>EXCITE: Enabling SoCial Interaction Through Embodiment</b> EU grant PS09/02678	R	2010-2013
<b>Control Remoto Óptimo Y Adaptable De Robots Móviles Con Componentes No Deterministas</b> Regional grant (162 k€)	R	2009-2012
<b>Construcción De Mapas Visuales Métrico-topológicos En Robótica Móvil</b> National grant (155 k€)	R	2009-2011
<b>Desarrollo de un robot móvil con capacidad olfativa</b> Regional project (236 k€)	R	2009-2012
<b>Monitorización espacial de zonas costeras vulnerables mediante plataformas aéreas controladas de manera remota</b> National grant	R	2015
<b>Roadbot: Diseño De Un Vehículo Robótico Para Levantamiento 3d Automático De Carreteras</b> National grant, PROFIT program(163 k€) Joint project with "SACYR S.A.U."	R	2007-2009

<b>Estudio de viabilidad "Monitorización espacial de zonas costeras mediante plataformas aéreas controladas de manera remota"</b> Regional grant (89 k€)	R	2015
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## Editorial activity

- Associate Editor (AE) and Multimedia Editor (MM)  
**International Journal of Robotics Research (IJRR)** 2017-present
- Associate Editor (AE)  
**IEEE Robotics and Automation Letters (RA-L)** 2015-present

## Program committees

- ICRA 2014-2015
- ICARSC 2015-2017
- IROS 2017
- ECMR 2017

## PhD committees

- University of Málaga 2011,2014,2016,2017
- University of Zaragoza 2013
- University of Alcalá 2013
- University of Jaén 2012
- Technical University of Madrid (UPM) 2012