Contact data and research IDs

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Institutional website: https://w3.ual.es/~jlblanco/
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   2016-2018
- 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: **33**
  - 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)**   2016,2017,2018
  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
Mobile Robotics consulting services InTouch Health, Inc. (Santa Barbara)	PI	2016-present
Estrategias de control y gestión energética en entornos productivos con apoyo de energías renovables National grant (176 k€)	R	2015-2017
Laboratorio De Investigación En Percepción Y Reconstrucción Digital 3d (3DLAB) National grant (85 k€)	R	2014-2015
Análisis, Desarrollo y Aplicación de Actuadores de Impedancia Variable para Robots de Servicio National grant (65 k€)	R	2012-2014
Nuevos desarrollos hacia un robot en casa National grant	R	2011-2013
EXCITE: Enabling SoCial Interaction Through Embodiment EU grant PS09/02678	R	2010-2013
Control Remoto Óptimo Y Adaptable De Robots Móviles Con Componentes No Deterministas Regional grant (162 k€)	R	2009-2012
Construcción De Mapas Visuales Métrico-topológicos En Robótica Móvil National grant (155 k€)	R	2009-2011
Desarrollo de un robot móvil con capacidad olfativa Regional project (236 k€)	R	2009-2012
Monitorización espacial de zonas costeras vulnerables mediante plataformas aéreas controladas de manera remota National grant	R	2015
Roadbot: Diseño De Un Vehículo Robótico Para Levantamiento 3d Automático De Carreteras National grant, PROFIT program(163 k€) Joint project with "SACYR S.A.U."	R	2007-2009

Estudio de viabilidad "Monitorización espacial de zonas costeras mediante plataformas aéreas controladas de manera remota" Regional grant (89 k€)	R	2015

Editorial activity

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

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