

CURRICULUM VITAE
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Joaquín López Fernández

Office Address

University of Vigo
ITSIIM, Dpt. de Ingeniería de Sistemas y automática
Campus de Lagoas Marcosende
36200 Vigo, Spain
Phone: +34 (986) 812244
E-Mail: joaquin@uvigo.es

Home Address

Vilacote Nº1
Castroverde 27124
Lugo Spain
Phone: +34 617 013394

Biographical Data

Birthdate: March, 7, 1968
Place of Birth: Castroverde (Lugo) Spain.
Citizenship: Spanish

Education

M.S. degree in Telecommunications Engineering.
June, 1992
University of Vigo
Specialization: Computer communications

Academic positions

Phd. Student and Research associate
University of Vigo
Dpt de Ingeniería de Sistemas

Visiting Research Scientist,
Carnegie Mellon University
Department of Computer Science
From 11-19-96 to 11-19-97

Research associate in the project founded by CICYT:
“Guiding system based on artificial vision for mobile robots”
[Sistema de guiado basado en visión artificial para robots móviles]
University of Vigo, *Dpt. de Ingeniería de Sistemas*. 1994-1996

Research associate in the project founded by CICYT:
“Development of industrial automatic storage systems. Industrial application to aerial warehouse”
[Sistema de desarrollo de automatismos industriales. Aplicación a sistemas de almacenamiento y transporte aéreo industrial]
University of Vigo, *Dpt. de Ingeniería de Sistemas*. 1997-1998

Teaching experience

Assistant professor. University of Vigo <i>Escuela Universitaria de Ingenieros Técnicos Industriales</i> Subject: Programmig	1993 - 1999
Assistant professor. University of Vigo <i>Escuela Universitaria de Ingenieros Telecomunicación</i> Subject: Control engineering	1994 - 1996

Publications:

“Xavier: An Autonomous Mobile Robot on the Web”
To appear in IEEE Robotics and Automation Magazine.
R. G. Simmons, J. L. Fernández, R. Goodwin, S. Koenig and J. O’Sullivan.

Conference presentations

“An Intelligent Supervisory Model for Path Planning and Guidance of Mobile Robots in Non-Structured Env”.
Conference: International Congress on Intelligent Autonomous Vehicles. Spoo (Finlandia)
A.R.Diéguez, C. Raimundez, R. Sanz, J. López, E. Delgado
Date: 1995

“Robust Execution Monitoring for Navigation Plans”
IROS’98 . Victoria, B.C, Canada.
Joaquín L. Fernández, Reid G. Simmons.

“Improving global motion planning for mobile robots by experimental measurement of traveling time”.
Presented on 3th IFAC Conference on Intelligent Autonomous Vehicles IAV’98. (Madrid)
A.R.Diéguez,, R. Sanz, J. López.
Date: Marzo1998.

Thesis:

“Supervision, detection, diagnosis and exception recovery in autonomous mobile robots”
To be defended in February 2000.