



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Víctor Muñoz Solà**

E-mail victor.munyo@udg.edu

Nationality Spanish

Date of birth 10/11/1982

Gender Male

Current position

Currently I am a PhD student with a pre-doctoral grant from the University of Girona under the supervision of Dr. Dídac Busquets Font

Research Centre University of Girona
Position and start date PhD student since April 2007

Education and Training

Dates 2000-2003

Title IT System Engineer

Organisation University of Girona

Dates 2003-2005

Title Computer Engineer

Organisation University of Girona

Dates 2005-2008

Title Diploma of Advanced Studies

Organisation University of Girona

Courses

Place and Dates Penrith (England), June 2006

Course Name Summer School on AI Planning

Organisation ICAPS

Place and Dates Annecy (France), July 2006

Course Name European Agent Systems Summer School

Organisation Agentlink

Place and Dates Valencia (Spain), March 2007

Course Name Escuela de Agentes

Organisation Universidad Politécnica de Valencia

Place and Dates Lloret (Spain), June 2007

Course Name Summer School on Constraint Programming

Organisation Association for Constraint Programming

Work experience

Dates	2003-2004
Occupation or position held	Programmer (half-time)
Main activities and responsibilities	Development in C, C++
Name and address of employer	IMA
Type of business or sector	Graphics
Dates	2005-2006
Occupation or position held	Programmer
Main activities and responsibilities	Development in C++, C#, Visual Basic, Java
Name and address of employer	Agents Inspired Technologies
Type of business or sector	Artificial Intelligence

Personal skills and competences

Mother tongue(s) **Catalan and Spanish**

Other language(s)

Self-assessment

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Normal	Good	Normal	Normal	Good

Participation in research projects

Title	Sistema de prototipado virtual para proyectos en construcción
Financing entity	Certap
Length	From: 01/04/2002 To: 31/03/2005
Principal researcher	Xavier Pueyo
Research Centre	University of Girona
Title	Desarrollo y planificación de técnicas de resolución de problemas de scheduling en entornos multiagente
Financing entity	Ministerio de Ciencia y Tecnología
Project Number	TIN2004-06354-C02-02
Length	From: 13/12/2004 To: 12/12/2007
Principal researcher	Beatriz López
Research Centre	University of Girona
Title	Robust auctions through the incorporation of satisfiability module theories techniques
Financing entity	Ministerio de Ciencia y Tecnología
Project Number	TIN2008-04547/TIN
Length	From: 01/01/2009 To: 31/12/2011
Principal researcher	Didac Busquets
Research Centre	University of Girona

Publication List

Journals

B.López, V.Muñoz, J.Murillo, F.Barber, M.A.Salido, M.Abril, M.Cervantes, L.F.Caro, M.Villaret. **Experimental analysis of optimization techniques on the road passenger transportation problem.** In Engineering Applications of Artificial Intelligence. (Ed. Elsevier Science), ISSN: 0952-1976, doi:10.1016/j.engappai.2008.10.014, 2009.

V.Muñoz, J.Murillo. **Agent UNO: Winner in the 2nd Spanish ART competition.** Inteligencia Artificial, Revista Iberoamerica de Inteligencia Artificial, ISSN 1137-3601, N°. 39, 2008, pp. 19-27.

Conferences

J.Murillo, V.Muñoz, B.López, D.Busquets. **A Fair Mechanism for Recurrent Multi-unit Auctions.** Sixth German conference on Multi-Agent System Technologies MATES 2008, pp 147-158. Lecture Notes in Computer Science. Volume 5244/2008. September 2008. Kaiserslautern, Germany. September 23-26, 2008.

V.Muñoz, D.Busquets. **Managing Risk in Recurrent Auctions for Robust Resource Allocation.** Proceedings of the 4th European Starting AI Researcher Symposium STAIRS 2008 (in ECAI), pp 140-150. Patras, Greece. July 21-25, 2008.

J.Murillo, D.Busquets, J.Dalmau, B.López, V.Muñoz. **Improving waste water treatment quality through an auction-based management of discharges.** Proceedings of the 4th International Congress on Environmental Modelling and Software (iEMSs 2008), pp 1370-1377. Barcelona, Catalonia, Spain. July 7-10, 2008. ISBN: 978-84-7653-074-0.

V.Muñoz, J.Murillo, D.Busquets, B.López. **Improving Water Quality by Coordinating Industries Schedules and Treatment Plans.** AAMAS Workshop on Coordinating Agent Plans and Schedules (CAPS). Honolulu, Hawaii, USA. May 16-18, 2007.

J.Murillo, V.Muñoz, B.López, D.Busquets. **Dynamic Configurable Auctions for Coordinating Industrial Waste Discharges.** Proceedings of the Fifth German conference on Multi-Agent System Technologies MATES, pp 109-120. Lecture Notes in Computer Science. Volume 4687/2007. Multiagent System Technologies. ISBN 978-3-540-74948-6. September 2007. Leipzig, Germany. September 24-26, 2007.

Other conferences

V.Muñoz, D.Busquets. **Robustness in Recurrent Auctions for Resource Allocation.** Artificial Intelligence Research and Development. (Proceedings of 11è Congrès Català d'Intel·ligència Artificial CCIA 08, pp. 70-79). IOS Press. 2008.

V.Muñoz, J.Murillo. **CABRO: Winner Determination Algorithm for Single-unit Combinatorial Auctions.** Artificial Intelligence Research and Development. (Proceedings of 11è Congrès Català d'Intel·ligència Artificial CCIA 08, pp. 303-312). IOS Press. 2008.

J.L.de la Rosa, R.Mollet, M.Montaner, D.Ruiz, V.Muñoz. **Kalman Filters to Generate Customer Behavior Alarms.** Artificial Intelligence Research and Development. (Proceedings of 10è Congrès Català d'Intel·ligència Artificial CCIA 07, pp. 416-425). IOS Press. 2007.

J.Murillo, V.Muñoz. **Agent UNO: Winner in the 2007 Spanish ART Testbed competition.** Proceedings of the Workshop on Competitive agents in Agent Reputation and Trust Testbed (in CAEPIA), pp 47-52. Salamanca, Spain, November 12-16, 2007.

J.Murillo, V.Muñoz, B.López, D.Busquets. **Coordinating Agents' Schedules through Auction Mechanisms.** Proceedings of the Workshop on Planning, Scheduling and Constraint Satisfaction (in CAEPIA), pp 47-52. Salamanca, Spain, November 105-114, 2007.

V.Muñoz, M.Montaner, J.L.de la Rosa. **Seat Allocation for Massive Events Based on Region Growing Techniques.** Frontiers in Artificial Intelligence and Applications Volume 146, pp. 179-186. ISBN: 1-58603-663-7. IOS Press. Proceedings of 9è Congrès Català d'Intel·ligència Artificial CCIA 06. October 2006.

Other skills and competences

Car Driving License