Curriculum Vitae – Andrés S. Vázquez

Andrés S. Vázquez received his MSc in Computer Science from the University of Castilla-La Mancha, Spain, in 2002. He has worked as a research assistant for UNED University from 2001 to 2002 in a 3D vision project. Since 2002, he has been working as a research assistant for the Computing Vision Group at the Computing School, Ciudad Real, Spain. He has pursued a PhD degree in Mechatronics with a research grant from the Spanish Ministry of Education and Science. Currently he is an assistant professor and researcher, teaching Control Theory, Introduction to Computing, and Industrial Robotics since 2003.

PERSONAL DATA

Surname: *Vazquez*   Name: *Andres S.*
Passport: *5681309*   Date of Birth: *7-07-78*   Gender: *Male*

CURRENT POSITION

Assistant Professor and Researcher

Organization: **University of Castilla-La Mancha**
Faculty: **School of Industrial Engineering**
Department: **Electrical, Electronic and Control Engineering**
Address: **E.S.Informatica. Paseo Universidad 4. 13071-Ciudad Real. Spain**

Phone Number: **+34 926 295 300 ext 3749**
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RESEARCH INTEREST

Robotics, Computer Vision, Biometrics, Simulation

EDUCATION

Title	Institution	Date
BSc in Computer Science	**School of Computer Science. UCLM. Spain**	**1-5-2000**
MSc in Computer Science	**School of Computer Science. UCLM. Spain**	**1-9-2002**

Doctorate	Institution	Date
PhD in Mechatronics	**School of Industrial Engineering. UCLM. Spain**	**13-2-2008**

PROFESSIONAL EXPERIENCE

Position	Institution	Date
Research assistant	*Universidad Nacional de Educacion a Distancia (UNED)*	*2000-2001*
Research Assistant	*University of Castilla-La Mancha*	*2002-2003*
Researcher	*University of Castilla-La Mancha (PhD grant of Spanish Ministry of Education and Science)*	*2003-2007*
Assistant Professor	*University of Castilla-La Mancha*	*2008-*

FOREIGN LANGUAGES

Spanish native speaker
Fluent in written and spoken English

RESEARCH PROJECTS PARTICIPATION

Title: *Specific Techniques Design for 3D partial modelling of free form objects. Connection to Manufacturing Environments TAP 98-0240.*
Sponsor: *CICYT*
From: *1998* to: *2001*
Head: *Dr. Carlos Cerrada Somolinos(UNED)*

Title: *Study and Development of Biometric system based on stereo vision techniques of both hands (SIPMAN)*
Sponsor: *Consejería de Ciencia y Tecnología. JCCM*
From: *2002* to: *2004*
Head: *Dr.Antonio Adán Oliver(UCLM)*

Title: *Design, development and application of techniques for the reconstrution and visualitation of complex 3D scenes via range sensors (revi3d)*
Sponsor: *CYCYT*
From: *2003* to: *2005*
Head: *Dr.Antonio Adán Oliver(UCLM)*

PUBLICATIONS

REFEREED JOURNAL

Authors: *M. Adán, A. Adán, A.S. Vázquez*
Title: *Clustering Using WCC Models*
Pages, from: *921* to: *929*   Date: *2004*
Journal: *Lecture Notes on Computer Science*

Authors: *P. Merchán, A.S. Vázquez, A. Adán, S. Salamanca*
Title: *3D scene analysis from a single range image through occlusion graphs*
Accepted, to be published in 2008
Journal: *Pattern Recognition Letters*

REFEREED CONFERENCE

Authors: **A.Adán, A.Vázquez,G.Bueno. F.Molina**
Title: **A Hands Bimetric Prototype Based on their Natural Layout**
Conference: **Third lasted Internacional Conference Of Visualization, Imaging And Image Procesing**
 ISBN: **0-88986-382-2. Editor: M.H. Hamza**
Location: **Benalmádena, Malaga Spain**   Date: **2003**

Authors: **A.Vázquez,A.Adan C.Cerrada, S. Salamanca**
Title: **Control de una plataforma de posicionamiento en aplicaciones de visión**
Conference: **Jornadas Automática**
ISBN: **84-931846-7-6. 2003**
Location: **León ,Spain**   Date: **2003**

Authors: **A.Adán, A.Vázquez,G.Bueno. F.Molina**
Title: **Prototípo Biométrico de manos basado en su disposición natural**
Conference: **Jornadas Automática**
 ISBN: **84-931846-7-6. 2003**
Location**: León ,Spain**   Date: **2003**

Authors: **M. Adán, A. Adán, A.S. Vázquez**
Title: Clustering Using WCC Models
Conference: **Joint IAPR International Workshops On Syntactical and Structural Pattern Recognition (SSPR 2004) and Statistical Pattern Recognition (SPR'04).**
Location: Lisboa, Portugal   Date: **2004**

Authors: **A.Adán, M.Adán, A.Vázquez,G.Bueno.**
Title: **Método de Verificación Personal Mediante Comparaciones Cruzadas de Ambas Manos**
Conference: **Jornadas Automática**
ISBN: **84-688-7460-4**
Location: **Ciudad Real, Spain**   Date: **2004**

Authors: **A. Adán, A.S. Vázquez, M. Adán, P. Merchán, S. Salamanca, C. Cerrada.**
Title: **Object Layout Graphs for 3D Complex Scenes**
Conference: **IEEE International Conference of Image Processing.**
ISBN: **0-7803-9134-9 2005**
Location: **Genova. Italia**   Date**: 2005**

Authors: **M. Adán, A. Adán, R. Torres. A.S. Vázquez, G. Bueno**
Title: **Personal Authentication Based on Hands Natural Layout**
Conference: **IAPR Conference on Machine Vision Applications.**
ISBN: **4-7856-3153-8**
Location: **Tsukuba Science City, Japan**   Date: **2005**

Authors: **A. Adán, F. Molina, A.S. Vázquez,**
Title: **3D Feature Tracking Using a Dynamic Structured Light System**
Conference: **Canadian Conference on Computer and Robot Vision.**
ISBN: **0-7695-2319-6**
Location: **Victoria, CANADA**   Date: **2005**

Authors: **A. Adán, A.S. Vázquez, F. Molina**
Title: **Grasping Solutions through MWS Models**
Conference: **International Conference on Advanced Robotics (ICAR)**
ISBN: **0-7803-9178-0**
Location: **Seattle (Washington). EEUU**   Date: **2005**

Authors: **A.S. Vázquez, A. Adán, R. Torres**
Title: **Distributed Control System Of An Experimental Robotic Cell With 3d Vision**
Conference: **International Conference on Informatics in Control, Automation and Robotics(ICINCO)**

ISBN: *972-8865-60-0*
Location: *Setúbal, Portugal*   Date: *2006*

Authors: *A.S. Vázquez, R. Torres, A. Adán, C. Cerrada*
Title: *Path Planning for Manipulation Environments through Interpolated Walks*
Conference: *International Conference on Intelligent Robots and Systems (IROS)*
ISBN: *1-4244-0259-X*
Location: *Beijing, CHINA*   Date: *2006*

ACADEMIC ACTIVITIES

Title:*Congreso Nacional de Informática Educativa CONIED 99*
Member of the organizing commitee
Date: *November 1999*

Title: *2º Simposion Internacional de Informática Educativa SIIE 2000*
Member of the organizing commitee
Date: *November 2000*

Title:*XXV Jornadas de Automática*
Member of the organizing commitee
Date: *September 2004*

TEACHING

2007-2008	*Industrial Robotics*	*School of Industrial Engineering Ciudad-Real, Spain*
2007-2008	*Control Theory*	*Higher Polytechnic University College Albacete, Spain*
2006-2007	*Control Theory*	*Higher Polytechnic University College Albacete, Spain*
2005-2006	*Control Theory*	*Higher Polytechnic University College Albacete, Spain*
2005-2006	*Introduction to Computing*	*School of Industrial Engineering Ciudad-Real, Spain*
2004-2005	*Control Theory*	*Higher Polytechnic University College Albacete, Spain*
2004-2005	*Introduction to Computing*	*School of Industrial Engineering Ciudad-Real, Spain*
2003-2004	*Control Theory*	*Higher Polytechnic University College Albacete, Spain*
2003-2004	*Introduction to Computing*	*School of Industrial Engineering Ciudad-Real, Spain*