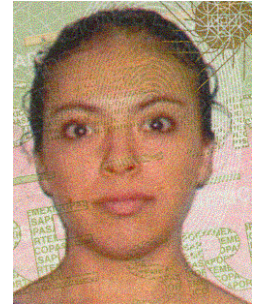


Curriculum Vitae

Personal Information

Name: Lluvia Carolina Morales Reynaga

Email: lluviamorales@decsai.ugr.es



ACADEMIC TRAINING

2008-2010 PhD in Computer Science and Information Technology

2006-2008 Master in Soft Computing and Intelligent Systems, University of Granada, Spain

2002-2006 Bachelor in Computer Science, University of Sonora, Mexico

1999-2002 Computer Technician. Centro de Bachillerato Tecnológico, Industrial y de Servicios No. 11

RECEIVED COURSES

- February 2008 Seminar on New Trends on Intelligent Systems and Soft Computing
June 2007 Seminar on Problem Solving and Applications in User-Centric Technologies
February 2007 Seminar on New Trends on Intelligent Systems and Soft Computing
November 2005 Deploying a Web Application Server with High Performance (8 hrs.)
April 2005 Introduction to Genetic Algorithms (8 hrs.)
March 2005 How to implement a secure network? (8 hrs.)
March 2005 Computational Complexity and Approximation (6 hrs.)

RESEARCH ACTIVITIES

- 2009 (Journal Chapter) Luis Castillo, Lluvia Morales, Arturo González-Ferrer, Juan Fdez-Olivares, Daniel Borrajo, Eva Onaindía. Automatic generation of temporal planning domains for e-learning problems. *Journal of Scheduling* (ISSN: 1094-6136).
November 2009 Morales, L., Castillo, L. and Fdez-Olivares. Planning for Conditional Learning Routes MICAI 2009: Advances in Artificial Intelligence
September 2009 Antonio Garrido, Eva Onaindía, Lluvia Morales, Luis Castillo, Susana Fernández, Daniel Borrajo. Modeling E-Learning Activities in Automated Planning. International Competition on Knowledge Engineering for Planning ICKEPS (Thessaloniki, GR) 2009.
2009 (Journal Chapter) González, J.R., Pelta, D.A., and Morales, L. Fuzzy Contact Maps Overlap for Protein Comparison: the Roles of Fitness and Normalization and the relation with Crisp Contact Maps. In *Mathware & Soft Computing*, Vol 16, No 1 pp.87-102 (2009).
2009 (Book Chapter) Lluvia Morales. Advisors: Luis Castillo and Juan Fdez-Olivares. Automatic Generation of Learning Designs: Two Planning Approaches Comparison. In *New Trends on Intelligent Systems and Soft Computing*, Vol 1.
October 2008 "Modificación del Módulo SCORM para el Soporte Básico del IMS-LD". José Figueroa Martínez, Lluvia Morales, Luis Castillo. MoodleMoot Barcelona 2008.
September 2008 "Fuzzy Contact Maps Overlap for Protein Comparison: the Roles of Fitness and Normalization". Lluvia Morales, Juan R. González, David Pelta. XIV Congreso Español sobre Tecnologías y Lógica Fuzzy.
July 2008 "Automatic Generation of User Adapted Learning Designs: An AI-Planning Proposal". Lluvia Morales, et al. 5th International Conference on Adaptive Hypermedia and Adaptive Web Based Systems.
July 2008 "Workflow Planning for E-learning Center Management". Arturo González-Ferrer, Lluvia Morales, et al. The 8th IEEE International Conference on

Advanced Learning Technologies

November 2007	"AI Planning and Scheduling Technology Transfer to Workflow Processes Automation". Juan Fernandez-Olivares, Lluvia Morales, et al. Workshop on Planning, Scheduling and Constraint Satisfaction CAEPIA'07.
November 2007	"Knowledge engineering and planning for the automated synthesis of customized learning designs" L. Castillo, L. Morales, et al. CAEPIA07. <i>Lecture Notes in Artificial Intelligence</i> .
November 2007	"Generating a Course Domain for Several Planner Types: a first approach" in Doctoral Consortium of CAEPIA-TTIA07.
June 2007	Talk: "Automatic Generation of planning Domains for e-learning courses" in Seminar on Problem solving and Applications in user-centric technologies.
July 2006	Talk and Paper. " <i>Pladiet</i> : Un sistema de cómputo para el diseño de dietas individualizadas utilizando Algoritmos Genéticos". CИСCI 2006 and Revista Iberoamericana de Sistemas Cibernética e Informática. V. 3 No. 2. ISSN 1690-8627
August to December 2005	Collaboration in Project: "Introducción a las Prácticas de Ingeniería de Software en los cursos de programación de computadoras de la Licenciatura en Ciencias de la Computación"
November 2005	Talk: "Collaborative Learning Environment for Entity-Relationship Modeling". 3° Semana Universitaria de Computación.
October 2005	Poster in Digital Art and Poster Presentation in XXI International Symposium of Education in Computation.
September 2005	Talk: "Algebra Modular y sus Aplicaciones en Teoría de Códigos". V Seminario de Estudiantes de Matemáticas.
July-August 2005	Summer Scientific Research of the Mexican Academy of Sciences in Instituto Tecnológico de Monterrey campus Torreón, Coahuila with the research project: "Collaborative Learning Environment for Entity-Relationship Modeling" coordinated by Dr. Maria de los Angeles Costantino Gonzales.
October 2004	Talk: "Comunicación Segura en Redes y Código Libre". 2° Semana Universitaria de Computación.

LANGUAGES

<i>English (TOEFL)</i>	80% Reading	80% Writing	70% Conversation
<i>French</i>	20% Reading	10% Writing	10% Conversation

COMPUTING KNOWLEDGES

Office Packages:

- Microsoft Office XP (Word, Power Point, Excel, Access, Front Page)
- Open Office

Programming Languages: (mastering order)

<i>Language</i>	<i>Compilers, IDE's y (graphic) development environments.</i>
Python	Vim
C++	Visual C++, C#, Borland 5.02, Borland C++ Bulder 6, QT, vim
Java	Jcreator J3 LE, NetBeans 4.0, vim
PHP with HTML	Vim, Macromedia, Front Page.
Basic	Visual Basic 6.0, Visual Basic .NET
FoxPro	FoxPro for Windows, Visual FoxPro 7.0
Pascal	Pascal 7.0

Databases:

- MySQL - Acces - DB4O

AWARDS

November 2007	Scholarship award for CAEPIA doctoral consortium
November 2005	Third place in Tercera Feria de la Creatividad y Vinculación Universitaria en la categoría Científico Tecnológica con el proyecto: "Pladiet" Sistema Inteligente para la Planificación de Dietas.
February 2004	First Place in Feria de la Creatividad y Vinculación Universitaria, categoría Consultoría y Asesoría con el proyecto: "AGIRSA" Agencia de Gestión e Innovación Sonora-Arizona.
July 2002	First Place of the Computer Technical High School age 2002.

OTHER INTERESTIGN INFORMATION

2006 to date	Member of the Department of Computer Science and Artificial Intelligence (DECSAI)
2007 to date	Member of the Intelligent System Research Group (ISG, TIC-175) funded by the Andalusian Regional Government
Since 2007	Part of the program committee of CISCIO7, CISCIO8, CISCIO9, and 2010.
June 2008 to date	Research Contract for the CENIT Project in technologies for management of migration.
July-November 2008	Fellowship for technical support in Conzepto Soluciones Creativas C257000. PAIF: Autonomous Planning of Learning Designs.
October 2006 to date	Fellowship of Mexican National Council of Science and Technology (CONACYT)
Noviembre del 2005	Part of the organizer committee of Tercera Semana Universitaria de Computación in University of Sonora.
Febrero-Julio del 2005	Social Service to provide advice to students in the course of computer programming and analyzing their progress through statistical methods.
Noviembre del 2004	Part of the organizer committee of Segunda Semana Universitaria de Computación in University of Sonora.
1999-2006	Scholarship of Sindicato de Trabajadores Académicos de la Universidad de Sonora (STAUS)
1996-2006	Scholarship of Fundación Esposos Rodríguez.
2004-2005	Scholarship of Fundación UNISON como parte del programa "Talento XXI"