

## Memorias in Extenso Artículos Arbitrados Publicados

### ASTROFISICA

#### Internacionales

1. .“The Ultraviolet Morphology of Evolved Stellar Populations”, **Miguel Chávez**, Astrophysics and Space Science, 2009, 320, 45-50, 1<sup>st</sup> NUVA Congerence. Space Astronomy: The Ultraviolet Window to the Universe, El Escorial, España.
2. Shapovalova, A.I., Popovic, L., Bochkarev, N.G., Burenkov, A.N., **Chavushyan, V.H.**, Collin, S., Doroshenko, V.T., Ilic, D., Kovacevic, A, 2009. New Astronomy Reviews. Proceedings SCGLSA-7. Long term variability of the Broad Emission Line profiles in AGN.
3. **Cardona, O.**, Crivellari, L., Simonneau, E., “A Novel Precise Method for Correcting the Temperature in Stellar Atmosphere Models”, New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Stellar Populations, Conference held in Puerto Vallarta, Mexico, April 16-20, 2009. Eds.: M. Chavez, E. Bertone, D. Rosa-Gonzalez, and L. H. Rodriguez-Merino, Springer, p. 231-238
4. Ramos-Larios, G., **Chavez, M.**, **Morales-Hernandez, J.**, (est.), Huerta-Villapando, F., Sierra, L., de la Rosa, H., Perez-Grana, A., **Bertone, E.**, **Rodriguez-Merino, L. H.**, “The Chemical Composition of Elliptical Galaxies Through Mid-UV Indices”, New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Populations, April, 2009, Puerto Vallarta, eds. M. Chavez, E. Bertone, D. Rosa-Gonzalez, L. H. Rodriguez-Merino (New York, NY: Springer), p. 89-92
5. **Chavez, M.**, Ramos-Larios, G., “Astronomy at The University of Guadalajara”, New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Populations”, April, 2009, Puerto Vallarta, eds. M. Chavez, E. Bertone, D. Rosa-Gonzalez, L. H. Rodriguez-Merino (New York, NY: Springer), p. 341-344
6. **Javier Morales-Hernandez (est.)**, **Miguel Chavez**, **Emanuele Bertone**, Alberto Buzzoni, Alessandro Versan, “UV Spectroscopic Indices of Galactic Globular Clusters”, New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Populations”, April, 2009, Puerto Vallarta, eds. M. Chavez, E. Bertone, D. Rosa-Gonzalez, L. H. Rodriguez-Merino (New York, NY: Springer), p. 163-166

## Memorias in Extenso Artículos Arbitrados Publicados

7. **Lino H. Rodriguez-Merino, Octavio Cardona, Emanuele Bertone, Miguel Chavez**, Alberto Buzón, "New Model Atmospheres: Testing the Solar Spectrum in the UV", New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Populations, April, 2009, Puerto Vallarta. eds. M. Chavez, E. Bertone, D. Rosa-Gonzalez, L. H. Rodriguez-Merino (New York, NY: Springer), p. 239-244
8. Alberto Buzzoni, **Emanuele Bertone, Miguel Chavez, Lino H. Rodriguez-Merino**, "Population synthesis at short wavelengths and spectrophotometric diagnostic tools for galaxy evolution", 2009, proc. of "New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Populations", April, 2009, Puerto Vallarta, eds. M. Chavez, E. Bertone, D. Rosa-Gonzalez, L. H. Rodriguez-Merino (New York, NY: Springer), p. 263-271
9. "F-G-K stars from SDSS-DR5 as tracers of Galactic disks and halo", M. Franchini, C. Morossi, P. Di Marcantonio, M.L. Malagnini, **M. Chávez**, A. Spagna, and M. G. Lattanzi Memorie della Societa Astronomica Italiana, v.80, p.133 (2009)
10. **Plionis, M., Terlevich, R.**, Basilakos, S., Bresolin, F., **Terlevich, E.**, Melnick, J., Georgantopoulos, I., "Alternative High-z Cosmic Tracers and the Dark Energy Equation of State.
11. The Extended Emission of Ultracompact HII Regions: An Overview and New Observations. de La Fuente, E., Kurtz, S. E., Kumar, M. S. N., Franco, J., **Porras, A.**, Kemp, S. N., Franco-Balderas, A. New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Stellar Populations, Proceedings of the International Conference held in Puerto Vallarta, Mexico, April 16-20, 2009. Eds.: M. Chavez, E. Bertone, D. Rosa-Gonzalez, and L. H. Rodriguez-Merino, Springer, p. 167-173.
12. **Puerari, I.**, Aguilar, L., "Formation of rings by galactic collisions", XII Latin American IAU Regional Meeting, Isla Margarita, Venezuela, RMAA, SC, Vol. 35 ,237-238, 22/26-octubre-2009.
13. Valdez-Gutiérrez, M., Rosado, M., **Puerari, I.**, "The Local Dwarf Irregular Galaxy IC10: Ionized Gas Behavior", XII Latin American IAU Regional Meetin, Isla Margarita, Venezuela, RMAA, SC 35, 249-250, 22-26 octubre

## Memorias in Extenso Artículos Arbitrados Publicados

14. **Puerari, I.**, González-Lópezlira, R. A., Valdez-Gutiérrez, M., "A Morphological Study of M81: Comparison Between GALEX and Spitzer Imaging", New Quest in Stellar Astrophysics, Puerto Vallarta, Mex., 16/20 de abril 2009.
15. Hagele, G. F., Diaz, A. I., **Terlevich, E.**, Perez-Montero, E., **Terlevich, R.**, Cardaci, M. V., "Star Formation in HII Galaxies. Properties of the ionized gas", Star-forming Dwarf Galaxies: Ariadne's Thread in the Cosmic Labyrinth, Crete, 2009
16. Martin-Manjon, M. L., Molla, M., Diaz, A. I., **Terlevich, R.**, "Modelling Starbursts in HII Galaxies: What do we need to fit the observations?", Star-forming Dwarf Galaxies: Ariadne's Thread in the Cosmic Labyrinth", Crete, 2009.

### OPTICA

#### internacional

17. C. Toxqui-Quitl, A. Padilla-Vivanco, **J. J. Báez-Rojas**. "Classification of mechnanical parts using an optical-digital system and the Jacobi-Fourier moments". Optical Measurements Systems for industrial inspection VI Proceddings SPIE Vol. 7389 celebrado en Munich, Alemania del 14 al 18 de junio de 2009. 738934-1-8.
18. **F. Granados-Agustín**, A. Cornejo-Rodríguez, E. Rueda-Soriano. "Characterization of a point diffraction interferometer with a quasicircular aperture". Proceedings of SPIE, OPTIFAB 2009 celebrado en Rochester, N. Y. del 11 al 14 de mayo de 2009. TD06-32.
19. M. Campos-García, **F. Granados-Agustín**. "Interferometric ronchi test by using substructured gratings". Optical Measurements Systems for industrial inspection VI Proceddings SPIE Vol. 7389 celebrado en Munich, Alemania del 14 al 18 de junio de 2009. 73901B.
20. V. I. Moreno-Oliva, M. Campos-García, **F. Granados-Agustín**, M. J. Arjona-Pérez, U. Díaz-Uribe, M. Avendaño-Alejo. "Optical testing of a parabolic trough solar collector by a null screen with stitching". Optical Measurements Systems for industrial inspection VI Proceddings SPIE Vol. 7389 celebrado en Munich, Alemania del 14 al 18 de junio de 2009. 739012.

## Memorias in Extenso Artículos Arbitrados Publicados

21. A. Santiago-Alvarado, **F. Granados-Agustín**, S. Vázquez-Montiel, M. Campos-García, R. Díaz-Uribe. "Characterization of deformable elastic lenses using PDI and null screen". Optical Measurements Systems for industrial inspection VI Procedings SPIE Vol. 7389 celebrado en Munich, Alemania del 14 al 18 de junio de 2009. 116.
22. **N. Korneev-Zabello**, O. Benavides. "Rubidium vapor as a material for dynamic holography: calculation of material properties". Topical Meeting Photorefractive Materials, Effects, and Devices Control of Light and Matter celebrado en Bad Honnef, Alemania del 11 al 14 de junio de 2009.
23. M. A. Bello-Jiménez, **E. A. Kuzin**, B. Ibarra-Escamilla, J. W. Haus, A. Flores-Rosas, M. Durán-Sánchez, O. Pottiez. "Extraction of a single soliton from a set of solitons by the use of a nonlinear optical loop mirror". Nonlinear Frequency Generation and Conversion: Material, Devices, and Applications VIII, Proc. of SPIE Vol. 7197 celebrado en San José, CA: del 24 al 29 de enero de 2009. 719714.
24. J. E. Antonio-López, J. G. Aguilar-Soto, **D. A. May-Arrioja**, P. LiKamWa, J. J. Sánchez-Mondragón. "Optofluidically tunable MMI filter". Congreso CLEO/IQEC 2009 celebrado en Baltimore, Maryland del 31 de mayo al 5 de junio de 2009.
25. A. Castillo-Guzmán, J. E. Antonio-López, R. Selvas-Aguilar, **D. A. May-Arrioja**, J. Estudillo-Ayala. "Widely tunable all erbium-doped fiber laser based on multimode interference effects". Congreso CLEO/IQEC 2009, celebrado en Baltimore, Maryland del 31 de mayo al 5 de junio de 2009.
26. J. E. Antonio-López, **D. A. May-Arrioja**, P. LiKamWa. "Optofluidic tuning of multimode interference fiber filters". Proc. of SPIE, Vol. 7339 celebrado en Orlando, Florida del 13 al 17 de abril de 2009. 73390D.
27. J. E. Antonio-López, D. López-Cortés, M. A. Basurto-Pensado, **D. A. May-Arrioja**, J. J. Sánchez-Mondragón. "All-fiber multimode interference refractometer sensor". Proc. of SPIE, Vol. 7316 celebrado en Orlando, Florida del 13 al 17 de abril de 2009. 73161F.
28. J. E. Antonio-López, A. Castillo-Guzmán, **D. A. May-Arrioja**, R. Selvas-Aguilar, P. LiKamWa. "All-fiber tunable MMI fiber laser". Proc. of SPIE, Vol. 7316 celebrado en Orlando, Florida del 13 al 17 de abril de 2009. 73390Q.

## Memorias in Extenso Artículos Arbitrados Publicados

29. J. E. Antonio-López, **D. A. May-Arrioja**, J. J. Sánchez-Mondragon, M. Torres-Cisneros, and P. LiKamWa "Optofluidic tuning of multimode interference fiber laser". Photonics North SPIE 2009 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009.
30. **P. Rodriguez-Montero**, S. Stepanov, F. Pérez-Cota, A. Nuñez-Quintero. "Adaptive detection of laser induced ultrasound via two-wave mixing in saturable erbium-doped optical fiber". Technical Digest of the 2009 Conference on Lasers and Electrooptics-Europe celebrado en Munich, Alemania del 14 al 19 de junio de Munich, Alemania. CC.P.12 THU
31. J. Escobedo-Alatorre, J. Sánchez-Mondragón, C. Vazquez-Ordoñez, D. L. Romero-Antequera, M. Torres-Cisneros, O. S. Magaña Loaiza, D. A. May Arrioja. "One-dimensional photonic crystal with a conducting nanoparticles composite". Proceedings SPIE, Vol. 7386 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009. 73861S.
32. J. J. Sánchez-Mondragón, A. Alejo-Molina, M. Torres-Cisneros, O. Vázquez-Buenos-Aires, D. May-Arrioja, A. Zamudio-Lara. "Solitons propagation in a tandem arrangement of nonlinear materials". Proceedings SPIE, Vol. 7386 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009. 738615.
33. O. S. Magaña-Loaiza, J. Sánchez-Mondragón, J. Escobedo-Alatorre, A. Alejo-Molina, D. May-Arrioja, M. Basurto-Pensado, J. E. Antonio-López, D. L. Romero-Antequera. "Nonlinear pulse propagation in a square waveguide filled with a conducting nanoparticles composite". Proceedings SPIE, Vol. 7386 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009. 738617.
34. I. Solis, M. Torres-Cisneros, J. G. Avina-Cervantes, O. G. Ibarra-Manzano, O. Debeir, S. Ledesma-Orozco, E. Pérez-Careta, **J. J. Sánchez-Mondragón**. "2D Cell tracking by FPGA-Optical correlation method". Photonics North SPIE 2009 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009.
35. E. Pérez-Careta, M. Torres-Cisneros, **J. J. Sánchez-Mondragón**, O. Vázquez Buenos Aires, O. G. Ibarra Manzano, L. A. Aguilera-Cortés. "Cell Recognition by Image Processing and Nonlinear Cross Correlation" Photonics North SPIE 2009 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009.
36. **J. Sánchez-Mondragón**, M. Torres-Cisneros, C. Velásquez-Ordoñez, J. Escobedo-Alatorre, A. Zamudio-Lara, O. G. Ibarra Manzano. "Nonlinear pulse propagation in an optical fiber doped with conducting Nanoparticles". Photonics North SPIE 2009 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009.

## Memorias in Extenso Artículos Arbitrados Publicados

37. **A. S.Shcherbakov**, A. Y. Kosarsky, P. Moreno-Zárate, S. Mansurova. "Initial stage of the active mode-locking in semiconductor heterolasers". Photonics North SPIE 2009 celebrado en Quebec, Canada del 24 al 27 de mayo de 2009.
38. **G. Urcid-Serrano**, J. A. Nieves-Vázquez, A. García-Arellano, J. C. Valdiviezo-Navarro. "Robust image retrieval from noisy inputs using lattice associative memories". Image Processing: Algorithms and Systems VII, Proceedings of SPIE-IS and T Electronic Imaging, Vol. 7245 celebrado en San José, CA. del 18 al 22 de 2009. 724517:1-12.

### Nacional.

### ELECTRONICA

#### Internacional

39. "Silicon Rich Oxide with controlled mean size of silicon nanocrystals by deposition in multilayers" E. Quiroga, W. Bensch, **M. Aceves**, Z. Yu, J. P. Savy, M. Haeckel, A. Lechner ULIS conference 2009 pp. 349 - 352 DOI 10.1109/ULIS.2009.4897607
40. Tejinder Kaur Kataria, DVB Murthy and **Alonso Corona Chavez**, "Compact Ultra Wideband Antenna with Filtering structure using Metamaterial and Substrate Integrated Circuit Technologies", IEEE International Workshop on Antenna Technology "Small Antennas and Novel Metamaterials" IWAT 2009, Los Angeles, California, 02 Mar - 04 Mar 2009
41. Zagoya-Mellado, I.; **Corona-Chavez, A.**; Llamas-Garro, I.; Miniaturized Metamaterial Filters Using Ring Resonators. International Microwave Workshop Series on Signal Integrity and High-Speed Interconnects, 2009. IMWS 2009. 19-20 Feb. 2009 Page(s):45 – 48
42. Musoll-Anguiano, C.; Llamas-Garro, I.; Brito-Brito, Z.; Pradell, L.; **Corona-Chavez, A.**; Characterizing a Tune All Bandstop Filter International Microwave Workshop Series on Signal Integrity and High-Speed Interconnects, 2009. IMWS 2009. 19-20 Feb. 2009 Page(s) 55-58.

## Memorias in Extenso Artículos Arbitrados Publicados

43. Humberto Lobato Morales, **Alonso Corona Chavez**, Jorge Rodriguez Asomoza. "Novel Channelization Multiplexer using Metamaterial Filters". 10<sup>th</sup> annual IEEE Wireless and Microwave Technology Conference 20-21 April 2009. Florida.
44. **Victor Champac**, Roberto Gomez, Charles Hawkins, Jaume Segura, "A Modern Look at the CMOS Stuck-Open Fault", 10th IEEE Latin American Test Workshop, pp. 63-68, Febrero 2009.
45. Julio Vazquez, **Victor Champac**, Charles Hawkins, Jaume Segura, "Stuck-Open Fault Leakage and Testing in Nanometer Technologies", accepted IEEE VLSI Test Symposium, May 2009.
46. Jose Luis Garcia, **Victor Champac**, "Detectability Analysis of Small Delays Due to Resistive Opens Considering Process Variations", International on-Line Test Symposium, June 2009.
47. J.C. Vazquez, **V. Champac**, A.M. Ziesemer Jr., R. Reis, I.C. Teixeira, M.B. Santos and J.P. Teixeira, "Built-In Aging Monitoring for Safety-Critical Applications", International on-Line Test Symposium, June 2009.
48. **G. Jovanovic Dolecek** and Fred Harris, Demo programs for normal and uniform random variables transformation", International Conference on Computer Supported Education, CSEDU Conference, Lisboa, Portugal, 23-26, March 2009. (Proceedings, published by INSTICC (Institute for Systems and Technologies of Information), pp.363-366.)
49. **G. Jovanovic Dolecek** and Fred Harris, Understanding Histograms, Probability and Probability Density Using MATLAB," American Society forEngineering Education-Pacific Sothwest Conference, ASEE PSW-2009, San Diego, March, 19-20, 2009. (Proceedings, published by National University San Diego, edited by M. Amin and P. Dey, pp.332-345)

## Memorias in Extenso Artículos Arbitrados Publicados

50. **G. Jovanovic Dolecek** and Fred Harris, "MATLAB-based Demo Program for Discrete-Time Convolution," American Society for Engineering O. Education-Pacific Southwest Conference, ASEE PSW-2009, San Diego, March, 19-20, 2009. Proceedings, published by National University San Diego, edited by M. Amin and P. Dey, 370-380
51. "Voltage controlled oscillators for clock generation and distribution systems on chip", Oscar Gonzalez Diaz, **Monico Linares Aranda**, Reydezel Torres Torres. 2<sup>nd</sup> International Symposium on Computing and Electronics:Design, Applications, Advanced Techniques and Current Challenges. Pp. 1-7. La Habana, Cuba, February 2009.
52. "Análisis de técnicas de layout para la optimización de circuitos analógicos CMOS", Francisco López Huerta, Johan J. Estrada López, Susana Soto Crúz, **Mónico Linares Aranda**, Carlos Zúñiga Islas. XV International Workshop Iberchip, Buenos Aires, Argentina. March 2009.
53. M Perálvarez, J. Carreras, J. Barreto, **A. Morales**, C. Domínguez and B. Garrido "MNOS structure: towards efficient and reliable silicon nanocrystal-based LEDs", 7<sup>th</sup> Spanish Conference on Electron Devices (CDE2009) IEEE Electron Devices, 387 (2009).
54. J. Juvert, J. Barreto, **A. Morales**, D. Izquierdo, J I Garcés, C. Domínguez, "Electroluminescence from silicon nanocrystals-bases LPCVD MOS devices under continuos voltaje" OPTOEL'09 VI Reunión Española de Optoelectrónica.
55. W. Ortiz-Martínez, L. Hernández-Martínez, **M.T. Sanz-Pascual**, "Diseño de un OTA Programable para una celda básica CNN/PWL", Proceedings of the XV Workshop Iberchip, p-33-38, 2009.
56. G. Zatorre, N. Medrano, C. Aldea, **M.T. Sanz**, S. Celma, "Mixed Programmable Circuits for Interfacing in Embedded Sensor Systems", Proceedings of the XV Workshop Iberchip, p-222-227, 2009.
57. **Svetlana C. Sejas-Garcia**, Gerardo Romo, and Reydezel Torres-Torres, "Impact of the Configuration of Ground Vias on the Performance of Vertical Transitions Used in Electronic Packages," Proceedings of the IEEE MTT-S International Microwave Workshop Series in Region 9, pp. 17-20, Feb. 2009.

## Memorias in Extenso Artículos Arbitrados Publicados

58. C. Sánchez-López, **E. Tlelo-Cuautle**, "Symbolic Behavioral Model Generation of Current-Mode Analog Circuits", IEEE ISCAS, pp. 2761-2764, ISBN: 978-1-4244-3228-0, Taipei, Taiwan, May 24-27, 2009.
59. Mourad Fakhfakh, **E. Tlelo-Cuautle**, D. Moro-Frías, Mourad Loulou, Optimized CCII-based tuneable filter and oscillator using minimum number of passive elements, IEEE SETIT, ISBN: 978-9973-0-0123-8, Hammamet, Tunisia, March 22-26, 2009.
60. **Arturo Sarmiento-Reyes**, Luis Hernández-Martínez, Francisco Javier Castro Gonzalez, "Generating explicit Piecewise Linear Models for the Single-Electron Transistor", XV Worshop Iberchip, Buenos Aires, Argentina March 2009.

### Nacional

61. S.A. Arroyo D., J. R. Mendoza Vazquez, J. L. Vazquez Gonzalez, **A. Díaz-Sánchez**. "Control of a Parallel Myoelectric Elbow Using Higher Order Statistics," 19th International conference on electronics communications and computers, Feb.28 2009.
62. G.A: Muñoz-Hernández, **A. Díaz-Sánchez**, D.I. Jones, J.G. Hernández-Delgado, C.A. Vega-Lebrum, "Estimating the frequency variation of the Mexican grid by Kalman filtering," CONIELECOMP 2009. Puebla, Puebla. Marzo 2009.
63. C. Sánchez-López, **E. Tlelo-Cuautle**, Multi-Scroll Chaotic Oscillator Employing UGCs, IEEE CONIELECOMP, pp. 189-191, Puebla, México, February 2009.
64. G. Aguayo-Rodríguez, **I. E. Zaldívar-Huerta**, J. Rodríguez-Asomoza, "Development of a software tool to determine the frequency response of an electro-optical system", 19th International Conference on Electronics, Communications and Computers (CONIELECOMP 2009), Cholula, Puebla, México. 26–28 of February 2009
65. "Análisis de técnicas de layout para la optimización de circuitos analógicos CMOS", F. López-Huerta, B. S. Soto-Cruz, J. Estrada-López, **C. Zúñiga-Islas**, M. Linares-Aranda, IX Congreso Nacional de Ingeniería Eléctrica y Electrónica del MAYAB, CONIEEM 2009. 435 – 442

## Memorias in Extenso Artículos Arbitrados Publicados

### CIENCIAS COMPUTACIONALES

#### Internacional

66. "Interpreting Face Images by Fitting a Fast Illumination-Based 3D Active Appearance Model". **Salvador E. Ayala-Raggi, Leopoldo Altamirano-Robles**, and Janeth Cruz-Enriquez. A. Gagalowicz and W. Philips (Eds.): MIRAGE 2009, LNCS 5496, May 4-6, 2009. Springer-Verlag Berlin Heidelberg 2009, pp. 368–379
67. "Hardware/Software FPGA Architecture for Robotics Applications," **Juan Carlos Moctezuma Eugenio** and **Miguel Arias Estrada**, 5th International Workshop on Applied Reconfigurable Computing, ARC2009. Springer Verlag LNCS 5453, Karlsruhe, Germany. March 16-18, 2009. pp 27-38
68. "A population coding hardware architecture for spiking neural networks applications," **Marco Nuño-Maganda, Miguel Arias-Estrada**, Cesar Torres-Huitzil, Bernard Gireau, V Southern Conference on Programmable Logic (SPL 09), Sao Carlos, Brazil, April 1-3, 2009. pp 83-88
69. "Hardware Implementation of Spiking Neural Network Classifiers based on Backpropagation-based Learning Algorithms" **Marco Aurelio Nuno-Maganda, Miguel Arias-Estrada**, Cesar Torres-Huitzil, BernardGirau, Proceedings of International Joint Conference on Neural Networks, Atlanta, Georgia, USA, June 14-19, 2009. pp 2294-2301
70. "Speech text-Independent Segmentation using an improvement method for identification of phoneme boundaries." **Sánchez-Jurado R., P. Gómez-Gil, C. Reyes-García**. Proceedings of the 19th. International Conference on Electronics, Communications and Computers. CONIELECOMP 2009. Computer Society. DOI 10.1109/CONIELECOMP.2009.24
71. Semi-supervised Word Sense Disambiguation using the Web as Corpus. Rafael Guzmán-Cabrera, Paolo Rosso, **Manuel Montes-y-Gómez, Luis Villaseñor-Pineda**, David Pinto-Avendaño. CICLing 2009. Lecture Notes in Computer Science, vol. 5449. Springer 2009. (En índice CORE)
72. Learning Navigation Teleo-Reactive Programs using Behavioural Cloning. **Blanca Vargas, Eduardo F. Morales**. 2009 IEEE International Conference on Mechatronics, ICM 2009. Málaga, Spain. 14-17 April 2009. 6p.

## Memorias in Extenso Artículos Arbitrados Publicados

73. "Executing concurrent actions with multiple Markov decision processes", **E. Corona, E. Morales and L.E. Sucar**, IEEE International Symposium on Adaptive Dynamic Programming and Reinforcement Learning, March30 – April 02, 2009. pp. 82-89.
74. "Clinical Evaluation of a Low-Cost Alternative for Stroke Rehabilitation", **L. E. Sucar**, R. Leder, J. Hernández, I. Sánchez, and G. Azcárate, IEEE International Conference on Rehabilitation Robotics (ICORR) Kyoto Japan , June 23-26 2009, pp. 863-866.
75. "Gesture Therapy: a Clinical Evaluation", **L. E. Sucar**, R. Leder, J. Hernández, I. Sánchez, **A. Molina**, 3rd International Conference on Pervasive Technologies for Health Care, ICST, London, UK, ISBN:978-963-9799-42-4. March 31- April 03, 2009. pags. 5.