

Curriculum Vitae **Juan José Flores Romero**

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Production Summary

Product	<=2012	2013	2014	2015	2016	2017	2018	Total
Books	6							6
Book Chapters	19	2	4	4	2	1	1	33
JCR Papers	14	2		3	4	4	3	30
Journal Papers	11			2	1	2		16
Intl. Conferences	81	2	6	10	10	8	3	120
PhD	5		1	1	1		1	9
Masters	16	2		1	2	1	1	23
BSc	30			2		2		34

Biography

Dr. Flores got a B.Sc. degree in Electrical Engineering from the Universidad Michoacana in 1984. In 1986 he got a M.Sc. degree in computer science from Centro de Investigacion y Estudios Avanzados, of the Instituto Politecnico Nacional. In 1997 got a Ph.D. degree in Computer Science from the University of Oregon, USA. He is a full time professor at the Universidad Michoacana since 1986. His research work deals with applications of Artificial Intelligence to Electrical Engineering and Financial Analysis. He is a member of the National Researchers System, the Mexican Academy of Sciences, and the Mexican Academy of Computing. He is author of several scientific articles in international conferences and journals, a member of the editorial committee of several journals, and reviewer of journals and conferences; he is also a certified reviewer for Conacyt. He was an invited Professor-Researcher at the University of Oregon in 2005/2006 and 2012/2013.

Studies

1. B.Eng. Electrical Engineering. School of Electrical Engineering. Universidad Michoacana. Morelia, México. 1978-1983.
2. M.Sc. Computer Science. Centro de Investigación y Estudios Avanzados. Instituto Politécnico Nacional. México, D.F. 1984-1986.
3. Ph.D. Computer Science. Computer and Information Sciences Department. University of Oregon. USA. 1991-1997.
4. Postdoctoral Research. Computer and Information Sciences Department. University of Oregon. USA. August, 2012 – July, 2013.

Contribuciones a SMIA

1. Publicación de un capítulo de libro, producto de la compilación de los tutoriales del congreso MICAI 2006.
2. Revisor para el congreso MICAI por varios años.
3. Revisor para el congreso COMIA por varios años.
4. Artículos publicados en MICAI en los años 2016, 2014, 2010, 2009, 2008, 2004 y 2002.
5. Artículos publicados en COMIA en los años 2018, 2017 y 2015.
6. Co-chair del Track Hybrid Systems de MICAI en 2018 y 2017.
7. Presentación de Tutoriales en MICAI en los años 2006 y 2004.

Organización de Congresos y Conferencias

1. Organizador del Seminario Nacional de Aprendizaje e Inteligencia Computacional – SNAIC 2016. INAOE, Universidad Michoacana. Septiembre 12 a 15 de 2016. Morelia, Mexico. 2010. <http://dep.fie.umich.mx/SNAIC>
2. XVI Congress of International Society for Fuzzy Management and Economy. SIGEF 2010. Co-Chair. Morelia, Mexico. 2010. <http://dep.fie.umich.mx/Congresos/SIGEF2010/Home.html>
3. International Conference on Modelling and Simulation. AMSE 2005. Co-Chair. Morelia, Mexico. 2005.
4. Encuentro Internacional de Ciencias de la Computacion. Tutorials Chair. Colima, Mexico. 2004.
5. XI International Workshop on Principles of Diagnosis. Local Arrangements Committee Chair. Morelia, Mexico. 2000.
6. XIV International Workshop on Qualitative Reasoning. Chair. Morelia, Mexico. 2000.
7. VI Congress of International Society for Fuzzy Management and Economy. SIGEF 1999. Co-Chair. Morelia, Mexico. 1999.

Producción en 2018

Book Chapters

1. Juan J. Flores, F. Calderon. Computación Evolutiva. Libro: Inteligencia Artificial. Editor: Grigori Sidorov. Alfaomega, Grupo Editor, S.A. de C.V. ISBN: 978-607-622-696-4. Pp 70-138. 2018. doi:10.1088/1755-1315/93/1/012020.

Indexed Journal Papers (JCR)

1. Lara-Alvarez, Carlos; Mitre-Hernandez, Hugo; Flores, Juan J. ; Perez-Espinosa, Humberto. Induction of Emotional States in Educational Video Games through a Fuzzy Control

System. Accepted for publication on IEEE Transactions on Affective Computing, Vol. 0, No. 0, August 2018. ISSN: 1949-3045. doi:. Impact Factor: 3.149. Q1.

2. Rodrigo Lopez Farias, Vicenç Puig, Hector Rodriguez Rangel, and Juan J. Flores. Multi-Model Prediction for Demand Forecast in Water Distribution Networks. *Water Distribution Networks. Energies* 2018, 11, 660. Special Issue Smart Water Networks in Urban Environments. ISSN: 1996-1073 doi:10.3390/en11030660. Impact Factor: 2.262.
3. Garnica-Carrillo, Adan; Calderon, Felix; Flores, Juan. Multi-Focus Image Fusion by Local Optimization over Sliding Windows. *Signal, Image and Video Processing.* Jan, 2018. ISSN 1863-1711. Doi: 10.1007/s11760-017-1229-x.
4. Calderon, Felix; Garnica-Carrillo, Adan; Flores, Juan J. Fusión de Imágenes Multi-Foco con Ventanas Variables. *Revista Iberoamericana de Automática e Informática industrial, [S.I.]*, Jun 22, 2018. Issue 15, Vol. 3, Pages: 262-76. ISSN 1697-7920. Available at URL: <https://polipapers.upv.es/index.php/RIAI/article/view/8852>. doi: <https://doi.org/10.4995/riai.2017.8852>.

Papers at International Conferences

1. Glenn Della Rocca, Hector Rodriguez Rangel, Juan Jose Flores, Luis Alberto Morales Rosales and Nora E Cancela. Implementación de kNN sobre un GPU para predicción de la velocidad del viento. 10o Congreso Mexicano de Inteligencia Artificial - COMIA 2018. Mérida, Yucatán, México. June, 5-8th, 2018.
2. Felix Calderon, Josue Espinosa-Romero, Juan Flores and Sergio Bravo-Solorio. Watermarks based on DCT for Digital Images Restoration. Accepted for publication at the IEEE Autumn meeting on Power, Electronics, and Computing. ROPEC 2016. Ixtapa, Mexico. November 14-16th, 2018.
3. Anastacio Antolino Hernandez, Juan Jose Flores, Ruben Cardoso Isidoro and Heiran Hernandez Esquivel. Digitized Documents Validation using Digital Signatures and QR Code. Accepted for publication at the IEEE Autumn meeting on Power, Electronics, and Computing. ROPEC 2016. Ixtapa, Mexico. November 14-16th, 2018.

Supervised Theses

Ph. D. (Completed)

1. Rodrigo Ranyart Ponce de Leon. Operadores Semánticos en Programación Genética. Doctorado en Ciencias en Ingeniería Eléctrica, Especialidad en Computación. Universidad Michoacana. Jan, 31st, 2018.

M. Sc. (Completed)

1. José Luis García Nava. A Software Architecture for Intelligent Time Series Forecasting based on Cloud Computing. Maestría en Ingeniería Eléctrica, Especialidad en Computación. Universidad Michoacana. June, 2018.