



PROFESSOR	PUBLICACIONES FILIACION UC3M
Anzoategui Tau, Victor	1. Libro: El taller del jurista. Sobre la Colección Documental de don Benito de la Mata Linares, oidor y consejero de Indias Universidad Carlos III / Editorial Dykinson. Madrid En prensa
Balachandran, A. P.	<p>1. Finite Temperature Field Theory on the Moyal Plane. E. Akofor, A.P. Balachandran. SU-4252-885, Jul 2009. 25pp. e-Print: arXiv:0907.0905 [hep-th].</p> <p>2. Causality and statistics on the Groenewold-Moyal plane. A.P. Balachandran, Anosh Joseph, Pramod Padmanabhan. SU-4252-892, May 2009. 12pp. e-Print: arXiv:0905.0876 [hep-th].</p> <p>3. Poincare Quasi-Hopf Symmetry and Non-Associative Spacetime Algebra from Twisted Gauge Theories. A.P. Balachandran (Syracuse U. & Carlos III U., Madrid), B.A. Qureshi (Dublin Inst.). SU-4252-886, Mar 2009. 9pp. e-Print: arXiv:0903.0478 [hep-th].</p> <p>4. Space-time from Symmetry: The Moyal Plane from the Poincare-Hopf Algebra. A.P. Balachandran (Syracuse U. & Carlos III U., Madrid), M. Martone (Syracuse U. & Naples U.). SU-4252-884, Feb 2009. 14pp. e-Print: arXiv:0902.3409 [hep-th].</p> <p>5. Twisted Quantum Fields on Moyal and Wick-Voros Planes are Inequivalent. A.P. Balachandran (Syracuse U. & Carlos III U., Madrid & INFN, Naples), M. Martone (Syracuse U. & Naples U.). SU-4252-882, Feb 2009. 12pp. e-Print: arXiv:0902.1247 [hep-th].</p> <p>6. Spontaneous Symmetry Breaking in Twisted Noncommutative Quantum Theories. A.P. Balachandran (Syracuse U. & Carlos III U., Madrid), T.R. Govindarajan (IMSc, Chennai), Sachindeo Vaidya (Bangalore, Indian Inst. Sci.). ISC-CHEP-01-09, IMSC-2009-01-01, SU-4252-883, Jan 2009. 18pp. e-Print: arXiv:0901.1712 [hep-th].</p>
Carreras, Benjamin A.	<p>1. "Characterization of the transport-relevant topological structures in plasma turbulence flows" B. A. Carreras, L. Garcia, I. Llerena, and I. Calvo, Submitted to PRE</p> <p>2. "Topological characterization of the transition from laminar regime to fullydeveloped turbulence in the resistive pressure-gradient-driven turbulence model" L. Garcia, B. A. Carreras, I. Llerena, and I. Calvo, Submitted to PRE</p> <p>3. "Zonal flows and long-distance correlations during the formation of the edge shear layer in the TJ-II stellarator" I. Calvo, B. A. Carreras, L. Garcia, M. A. Pedrosa, and C. Hidalgo, Plasma. Phys. Control. Fusion 51, 065007 (2009).</p> <p>4. "The impact of risk-averse operation on the likelihood of extreme events in a simple model of infrastructure." B. A. Carreras, D. E. Newman, I. Dobson, and M. Zeidenberg, Submitted to CHAOS.</p> <p>5. "Maintenance and Replacement as Separate Tasks in an Organization Managing aComplex System". B. A. Carreras, D. E. Newman, Matthew Zeidenberg, and IanDobson, submitted to Journal of the Operational Research Society.</p> <p>6. "Dynamics of an Economics model for Generation Coupled to the OPA power transmission model" B. A. Carreras, D. E. Newman, Matthew Zeidenberg, and Ian Dobson, submitted to the Proceedings of the 43rd Hawaii International Conference on System Sciences, Hawaii, Hawaii, Jan. 2010.</p>



PROFESSOR	PUBLICACIONES FILIACION UC3M
Djuric, Petar M.	<ol style="list-style-type: none"> 1. P. M. Djuric and M. F. Bugallo, "Improved target tracking with particle filtering," Proceedings of the IEEE Aerospace Conference, Big Sky, MT, 2009. 2. P. Closas, M. F. Bugallo, and P. M. Djuric, "Assessing robustness of particle filtering by the Kolmogorov-Smirnov statistics," Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, Taipei, Taiwan, 2009. 3. M. Bugallo, M. Hong, and P. M. Djuric, "Marginalized population Monte Carlo," Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, Taipei, Taiwan, 2009. 4. Bravo-Santos and P. M. Djuric, "Cooperative relay communications in mesh networks," Proceedings of Workshop on Signal Processing Advances in Wireless Communications, Perugia, Italy, 2009. 5. V. Mane, M. F. Bugallo, and P. M. Djuric, "Stochastic modeling of second order reactions using a moment propagation method," Proceedings of GENSIPS, Chicago, IL, 2009. 6. P. M. Djuric and M. F. Bugallo, "Estimation of stochastic rate constants and tracking of species in biochemical networks with second-order reactions," Proceedings of EUSIPCO, Glasgow, Scotland, 2009.
Georganas, Nicolas de	<ol style="list-style-type: none"> 1. N. Sakr, N.D. Georganas, J. Zhao, E.M. Petriu. Multimodal Vision-Haptic Perception of Digital Watermarks Embedded in 3D Meshes. IEEE Transactions on Instrumentation and Measurement, Vol. 59, No. 5. Mayo 2010 2. N. Sakr, J. Zhou, N.D. Georganas, J. Zhao, E.M. Petriu. Network Traffic Reduction in Six Degree-of-Freedom Haptic Telementoring Systems 2009 IEEE International Conference on Systems, Man, and Cybernetics (IEEE SMC 2009), pp. 2525-2530, 11-14 Octubre, 2009, (San Antonio, Texas, EE.UU.) 3. N. Sakr, F.A. Alsulaiman, J.J. Valdés, A. El Saddik, N.D. Georganas. Relevant Feature Selection and Generation in High Dimensional Haptic-based Biometric Data. The 5th International Conference on Data Mining (DMIN'09) (CSREA Press). 13-16 Julio, 2009, (Las Vegas, Nevada, EE.UU.) 4. F.A. Alsulaiman, N. Sakr, J.J. Valdés, A. El Saddik, N.D. Georganas. Feature Selection and Classification in Genetic Programming: Application to Haptic-based Biometric data. IEEE Symposium on Computational Intelligence for Security and Defence Applications 2009 (CISDA 2009). 8-10 Julio, 2009, (Ottawa, Canadá) 5. N. Sakr, N.D. Georganas, J. Zhao. Perceptibility of Digital Watermarks Embedded in 3D Meshes using Unimodal and Bimodal Hapto-Visual Interaction". IEEE International Instrumentation and Measurement Technology Conference 2009 (I2MTC 2009). 5-7 Mayo, 2009, (Singapur) 6. J. Zhou, F. Malric, E.M. Petriu, N.D. Georganas. Compensating Device Inertia for 6-DOF Haptic Rendering. 2009 IEEE International Conference on Systems, Man, and Cybernetics (IEEE SMC 2009), pp. 12-17. 11-14 Octubre, 2009, (San Antonio, Texas, EE.UU.) 7. Q. Chen, F. Malric, Y. Zhang, M. Abid, A. Cordeiro, E.M. Petriu, N.D. Georganas. Interacting with Digital Signage Using Hand Gestures. ICIAR 2009, LNCS 5627, pp. 347-358, Julio, 2009, (Halifax, Canadá)



PROFESSOR	PUBLICACIONES FILIACION UC3M
Levialdi Giron, Stefano	<ol style="list-style-type: none"> 1. Alessio Malizia, Andrea Bellucci, Paloma Díaz, Ignacio Aedo, Stefano Levialdi: eStorys: A visual storyboard system supporting back-channel communication for emergencies. <i>J. Vis. Lang. Comput.</i> 22(2): 150-169 (2011) 2. Alessio Malizia, Paolo Bottoni and Stefano Levialdi: "Generating Collaborative Systems for Digital Libraries: a Model-Driven Approach", in <i>Journal of Information Technology and Libraries</i>. 2010. 3. Malizia, A. De Angeli, S. Levialdi, I. Aedo Cuevas. "Exploiting collaborative tagging systems to unveil the user-experience of web contents: an operative proposal", in <i>Social Software & Developing Community Ontologies</i> (Dr. Stylianos Hatzipanagos and Dr. Steven Warburton, Eds.), IGI Publishing. 2009. 4. Andrea Bellucci, Stefano Levialdi Giron, Ignacio Aedo, Alessio Malizia: Visual tag authoring: picture extraction via localized, collaborative tagging. <i>AVI 2008</i>: 351-354. Markus Klann, Alessio Malizia, Luca Chittaro, Ignacio Aedo, Stefano Levialdi: Hci for emergencies. <i>CHI Extended Abstracts 2008</i>: 3945-3948
Linton, Oliver	<ol style="list-style-type: none"> 1. Estimating Features of a Distribution from Binomial Data (with A. Lewbel and D. McFadden) <i>Journal of Econometrics</i>. http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1163557 2. A Semiparametric Model for Climate Change (with A. Atak and Z. Xiao) <i>Journal of Econometrics</i>. http://personal.lse.ac.uk/lintono/working_papers.htm 3. Multivariate Density Estimation using Dimensionality Reducing Model Information (with J. Nielsen, T. Buche-Larsen, and M. Guillen). <i>Insurance: Mathematics and Economics</i>. http://personal.lse.ac.uk/lintono/working_papers.htm 4. Evaluating Value-at-Risk Models via Quantile Regression (with Wagner Piazza Gaglianone, Luiz Renato Lima, and Daniel R. Smith) <i>Journal of Business and Economic Statistics</i> Jan 2011, Vol. 29, No. 1: 150-160. http://personal.lse.ac.uk/lintono/working_papers.htm 5. Efficient estimation of a multivariate multiplicative volatility model (with C. Hafner). <i>Journal of Econometrics</i> 159, 55-73. http://eprints.lse.ac.uk/29840/
Molinari, Alain	<ol style="list-style-type: none"> 1. Molinari, R. Cheriguene, H. Miguélez, Modeling of orthogonal cutting: Contact variables and thermal effects at the tool-chip interface, (in preparation) 2. Molinari, R. Cheriguene, H. Miguélez, Modeling of orthogonal cutting: Global contact parameters and overall friction characteristics, (in preparation) 3. Molinari, R. Cheriguene, H. Miguélez, The contact problem in machining with softening of the sliding friction coefficient, (in preparation) 4. Molinari, R. Cheriguene, H. Miguélez, Numerical and analytical modeling of orthogonal cutting: The link between local variables and global contact characteristics 5. <i>International Journal of Mechanical Sciences</i>, In Press, 2011



PROFESSOR	PUBLICACIONES FILIACION UC3M
Robinson, Peter Michael	<ol style="list-style-type: none"> 1. "Inference on Spatial Power Law Trends", Bernoulli, forthcoming. 2. "Asymptotic Theory for Nonparametric Regression with Spatial Data", Journal of Econometrics, forthcoming. 3. (with S. Thawornkaiwong) "Statistical Inference on Regression with Spatial Dependence", Journal of Econometrics, forthcoming. 3. (with J. Hualde) "Gaussian Pseudo-Maximum Likelihood Estimation of Fractional Time Series Models", revision with Annals of Statistics.
Rosales, Rodolfo Ruben	<ol style="list-style-type: none"> 1. J. C. Nave, R. R. Rosales, and B. Seibold, "A gradient-augmented level set method with an optimally local, coherent advection scheme". Journal of Computational Physics, vol. 229, pp. 3802-3827 (2010). También apareció como preprint en el archivo arXiv:0905.3409v2 [math.NA]
S. Schwartz, Eduardo	<ol style="list-style-type: none"> 1. Mayordomo, S., Peña, J.I. and E.S. Schwartz "Towards a common European monetary union risk free rate" (2009) NBER. Working Paper w15353. 2. Mayordomo, S. Peña, J.I. and Schwartz, E.S. (2010) "Are all Credit Default Swap Databases Equal?". Available at SSRN: http://ssrn.com/abstract=1713325.
Santos Santos, Manuel	<ol style="list-style-type: none"> 1. Differentiability of the Value Function Without Interiority Assumptions, Journal of Economic Theory, 144 (2009), 1948-1964, con Juan Pablo Rincon-Zapatero. 2. Consistency Properties of a Simulation-Based Estimator for Dynamic Processes, de próxima aparición en Annals of Applied Probability. 3. Problems in the Numerical Simulation of Models with Heterogeneous Agents and Market Distortions, con Adrian Peralta-Alva, de próxima aparición en Journal of the European Economic Association. 4. Numerical Simulation of Non-Optimal Dynamic Equilibrium Models, con Z. Feng, J. Miao, y A. Peralta-Alva, enviado a publicación. 5. Long-Term Asset Price Volatility and Macroeconomic Fluctuations, con Miguel A. Iraola, enviado a publicación. 6. What Determines Savings Rates Across Countries? con Fernando Garcia-Belenguer Campos, en proceso de elaboración. 7. Differentiability of the Value function in Continuous-time Economic Models, con Juan Pablo Rincon-Zapatero, en proceso de elaboración. 8. Laws of Large Numbers for Economies with Heterogeneous Agents and Market Distortions, con Adrian Peralta-Alva, en proceso de elaboración.
West, Anthony Roy	<ol style="list-style-type: none"> 1. N. Masó, D.I. Woodward, P.A. Thomas, A. Várez and A.R. West. "Structural characterisation of ferroelectric Ag₂Nb₄O₁₁ and dielectric Ag₂Ta₄O₁₁". Journal Material Chemistry Vol. 21 (8), (2011), 2715-2722 . 2. N. Masó, D.I. Woodward, P.A. Thomas, A. Várez and A.R. West. "Polymorphism, structural characterisation and electrical properties of Na₂Nb₄O₁₁". Journal Material Chemistry (enviada 28 Abril de 2011 para su publicación)