PROFESSOR	PUBLICACIONES FILIACION UC3M
Annapareddy, Narasimha	1. Yong Oh Lee and A. L. Narasimha Reddy, "Disjoint multi-path routing and failure recovery", accepted for publication at IEEE ICC Conf., 2010. 2. S. Yadav and A. L. Narasimha Reddy, "Detecting DNS cache poisoning with NS and AS information", submitted to DSN Conf., Dec. 2009. 3. X. Wu and A. L. Narasimha Reddy, "Exploiting concurrency to improve latency and throughput in a hybrid storage system", submitted to IEEE Mass Storage Symposium, Jan. 2010. 4. P. Devakota and A. L. Narasimha Reddy, "Improving quantized congestion notification performance in data centers", in preparation.
Bonsignorio, Fabio	Conference papers (15) 1. Bonsignorio, F.P., "Towards Refutable Robotics Research in CLAWAR systems", CLAWAR2009, Istanbul, 2009 2. Bonsignorio, F.P., "Emerging gait pattern for a multipedal loosely coupled locomotion system", CLAWAR2009, Istanbul, 2009 3. Bonsignorio F.P., Hallam J, Del Pobil A. P. , Defining the requisites of a replicable robotics experiment, IROS 2009 Workshop on Performance Evaluation and Benchmarking for Next Intelligent Robots and Systems, St. Louis, 2009 4. Bonsignorio, F.P., "An eye-in-hand survelliance camera for human patrolling assistance of secured areas", RISE 2010, Sheffield, 2010 5. Bonsignorio, F.P., "Information Driven Self Organization of Physically Embedded Controllers", CogSys 2010, Zurich, 2010 (poster) 6. Bonsignorio, F.P., "On the stochastic stability and observability of controlled serial kinematic chains", ESDA 2010, Istanbul, 2010 7. Bonsignorio, F.P., "Towards a New Industrial Robotics", ISR 2010, Munich, 2010 (poster,accepted) 8. Stoelen,M.F., Jardon.A., Bonsignorio, F.P., Victores, J.G., Monje, C. , Balaguer, C., ICRA 2010 Workshop on Multimodal Human-Robot Interfaces, Towards an Enabling Multimodal Interface for an Assistive Robot, 9. Victores, J.G, Jardón, A., Bonsignorio, F.P, Stoelen, M.F., Balaguer, C. "Benchmarking Usability of Assistive Robotic Systems: Methodology and Application", ICRA 2010 Workshop on The Role of Experiments in Robotics, Anchorage, Alaska, 2010 10. Bonsignorio, F.P., del Pobil, A.P, Hallam, J., Madhavan, R."The Role of Experiments in Robotics Research", ICRA 2010 Workshop on The Role of Experiments in Robotics,Anchorage, Alaska, 2010 11. Bonsignorio, F.P., "Issues and Opportunities for Robotics Research Exploitation",ICRA 2010 Workshop on The European Effort to Strengthen Academia-Industry Collaboration, (invited) 12. Bonsignorio, F.P.,"Experimental methodologies and performance evaluation criteria for benchmarking of intelligent (multi-)robot systems", Workshop on Benchmarking Intelligent (Multi-)Robot Systems, ECAI 2010, Lisbon, 2010 (invited) 13. Tavakoli M.,Marques L., Bonsignorio F.P.,"Biomimetic Robotic Climbers", CLAWAR10, Nagoya, Japan, 2010 14. Bonsignorio F.P.,"Information Driven Self Organization of a Parallel Kinematic Machine Controller", CLAWAR10, Nagoya, Japan, 2010 15. Stolen M., Jardon A., Balaguer C., F. Bonsignorio, "Information metrics for assistive human-in-the-loop cognitive systems", RSS 2010 Workshop on Good Experimental Methodology in Robotics and Replicable Robotics Research, Zaragoza, 2010 Journals/Book Chapters(1): 1. Jardon A. , Stoelen M., Bonsignorio F.P., Balaguer C. ," Task-oriented kinematic optimization of asymmetric assistive climbing robot", IEEE T-RO, 2010 (conditionally accepted)

PROFESSOR	PUBLICACIONES FILIACION UC3M
Carroll, John	1. Paloma Díaz, Ignacio Aedo, Mary Beth Rosson, John M. Carroll: A visual tool for using design patterns as pattern languages. AVI 2010: 67-74 2. Ignacio Aedo, Paloma Díaz, John M. Carroll, Gregorio Convertino, Mary Beth Rosson: End-user oriented strategies to facilitate multi-organizational adoption of emergency management information systems. Inf. Process. Manage. 46(1): 11-21 (2010) 3. Paloma Díaz, Mary Beth Rosson, Ignacio Aedo, John M. Carroll: Web Design Patterns: Investigating User Goals and Browsing Strategies. IS-EUD 2009: 186-204 4. Sara Tena, David Díez, John M. Carroll, Ignacio Aedo, Paloma Díaz. How are you placed? Adapting the design of the user interface to the orientation of the digital surface. Workshop "Collaboration meets Interactive Surfaces". Co-located with ITS2013. Estancia de Sara Tena en Pennsylvania State University, 3 meses, 2013.
Gagnon, Alain G.	2.1 Libros 1. Preparación y publicación de la versión española de El Federalismo canadiense contemporáneo, Valencia, Tirant lo Blanch, 2010. 2. Preparación de un manuscrito sobre Les sociétés plurielles en contexte de diversité nationale (forthcoming). 3. Preparación de Gagnon, Alain-G. & José M. Sauca, Identity, Pluralism and Democracy, Peter Lange, collection Diversitas (forthcoming). 2.2 Capítulos de libros 4. Jim Bickerton, Alain-G. Gagnon, « Regionalism », in Daniele Caramani, dir., Comparative Politics, 2e édition, Oxford, Oxford University Press, 2010. 5. Alain-G. Gagnon, «Quebec Studies in the United States and Canada: Trends and Tendencies» in Jarred Rudy, Stéphan Gervais, Christopher Kirkey, dir., Quebec Questions: Quebec Studies for the Twenty-First Century, Oxford, Oxford University Press, 2010, pp. (también en francés en Presses de l'Université de Montréal, en traducción). 6. Alain-G. Gagnon et Guy Laforest, « Els fonaments morals del federalisme asimètric. Consideracions normatives » in Miquel Caminal et Ferran Requejo, dir. Federalisme i plurinacionalitat. Teoria i analisi de casos, Barcelone, Institut d'Estudis Autonomics, 2010, Collectio Clàssics del Federalisme, pp. 156-199. (en catalán). 7. Alain-G. Gagnon et Junichiro Koji, « Imagining Diversity, Thinking a Culture of Togetherness" in Miyoko Tsujimura et Mari Osawa, dir., Gender Equality in Multicultural Societies: Gender, Diversity, and Conviviality on the Age of Globalization, Sendei, Tohoku University Press, p.151-71 (también en japonés). 2.3 Artículos en revistas con comité científico 8. Alain-G. Gagnon, « Plurinacionalisme i federalisme » in Revista Activitat Parlamentària, Generalitat de Catalunya, Secretaria de Relacions Institucionals i Participació, no 21, marzo 2010, pp. 14-21. 9. Alain-G. Gagnon et Paul May, « Empowerment et diversité culturelle : quelques prolégomènes » dans Pôle Sud/Métropoles, numéro spécial en hommage à Bernard Jouve, no 32, 2010, pp. 47-57. 10. Alain-G. Gagnon « Analyse du fédéralisme canadien d'une perspective politologique » in Estado multinacional y cambios constitucionales, Iura Vasconia, 2011. VIII Simposio de La Fundación para el estudio del Derecho histórico y autonómico de Vasconia, San Sebastian, será publicado el 2011. 3. Otros 11. Redacción, Prefacio del libro de Christophe Parent, Le fédéralisme multinational, Bruxelles, Presses interuniversitaires européennes /Peter Lang, collection Diversitas, lanzamiento previsto para el otoño 2010.

PROFESSOR	PUBLICACIONES FILIACION UC3M
Harvey, Andrew	Working Paper 10-36, Statistics and Econometrics Series 20, September 2010 Autor: Andrew Harvey Título: "Exponential Conditional Volatility Models"
Krunz, Marwan	1. T. Shue, M. Krunz. Exploiting microscopic spectrum opportunities in cognitive radio networks via coordinated channel access. IEEE Transactions on Mobile Computing (TMC), Vol. 9, No. 11, pp. 1522-1534. Noviembre 2010 2. T. Shue, M. Krunz, S. Liu. Secure data collection in wireless sensor networks using randomized dispersive routes. IEEE Transactions on Mobile Computing (TMC), Vol. 9, No. 7, pp. 941-954 .Julio 2010 3. S. Liu, L. Lazos, M. Krunz. Thwarting inside jamming attacks on wireless broadcast communications*. ACM Conference on Wireless Network Security (WiSec'11). 15-17 Junio, 2011, (Hamburg, Alemania). *Acceptado para publicación 4. R. Al-Zubi, M. Krunz, L. Lopes. Resource utilization mechanism for multi-rate ultrawide band networks. IEEE GLOBECOM 2010 Conference - Wireless Networking Symposium. 6-10 Diciembre 2010, (Miami, Florida, EE.UU.) 5. T. Shue, M. Krunz. Exploiting microscopic spectrum opportunities in cognitive radio networks via coordinated channel access. IEEE SECON 2010 Conference. 27 -30 Junio 2010, (Boston, EE.UU.) 6. S. Liu, L. Lazos, M. Krunz. Thwarting inside jamming attacks on wireless broadcast communications*. IEEE Transactions on Mobile Computing (TMC) (2nd revision). *Entregado para publicación 7. S. Liu, L. Lazos, M. Krunz. Cluster-based control channel jamming attacks from inside jammers*. IEEE Transactions on Mobile Computing (TMC) (2nd revision). *Entregado para publicación 8. T. Shu, M. Krunz. Finding the cheapest route in profit-driven opportunistic spectrum access networks: a truthful mechanism approach*. IEEE/ACM Transactions on Networking (ToN). *Entregado para publicación 9. T. Shu, M. Krunz. Sequential opportunistic spectrum access with imperfect channel sensing*. IEEE Transactions on Mobile Computing (TMC) (2nd revision). *Entregado para publicación
Olshevsky, Vadim	1. F. M. Dopico, V. Olshevsky, P. Zhlobich: Stability of QR-based fast system solvers for a subclass of quasiseparable rank one matrices. Mathematics of Computation (2011) http://gauss.uc3m.es/web/personal_web/fdopico/papers/mathcomp2011.pdf 2. F. Marcellan, V. Olshevski, P. Zhlobich, Quasiseparable matrices, Green's matrices and signal flow graphs for digital filter structures.
Lima, Pedro	1. "Robot Formations Control Using Fast Marching", Santiago Garrido, Luis Moreno, Pedro U. Lima, submitted to Elsevier's Journal of Robotics and Autonomous Systems. 2. "Controlling a Social Robot Using LTL Specifications", Bruno Lacerda, Pedro U. Lima, Miguel A. Salichs, Javi Gorostiza, in preparation to be submitted to IEEE ICRA 2011

PROFESSOR	PUBLICACIONES FILIACION UC3M
Llinas, James	1. Llinas, J., "A Survey and Analysis of Frameworks and Framework Issues for Information Fusion Applications", Proceedings of the 5th Intl Conf on Hybrid Artificial Intelligence Systems, Springer, 2010 2. Federico Castanedo, Juan Gomez-Romero, Miguel A. Patricio, Jesus Garcia, and Jose M. Molina, "Distributed Data Fusion in Visual Sensor Networks", a chapter to be included in the new book on Distributed Data Fusion for Network-Centric Operations, co-edited by James Llinas, David Hall, Chee Chong, and Martin Liggins, to be published 2011 3. Federico Castanedo, "A Multi-agent Architecture Based On The BDI Model For Data Fusion In Visual Sensor Networks", PhD Dissertation, Univ Carlos III, Colmenarejo, Madrid, Spain, August 2010 4. Juan Gómez-Romero, Jesus García, Miguel A. Patricio, Jose Manuel Molina, and James Llinas, "High-level Information Fusion in Sensor Networks", expected to be published later this year by IGI Publishers 5. J. Garcia, M. Patricio, J. Gomez-Romero -- Univ Carlos III, Madrid, Spain, J. Llinas, S. Shapiro, M. Kandefer, M. Prentice - Univ. at Buffalo, USA "Strategies and Techniques for Use and Exploitation of Contextual Information in High-Level Fusion Architectures" In Special Session Advances in high-level information fusion design I, within the 13th International Conference on Information Fusion, July 29th 2010
Ma, Ching to Albert	1. "Public Sector Rationing and Private Sector Selection". Simona Grassi, Ching-to Albert Ma. June 2010. Forthcoming in Journal of Public Economic Theory (UC3M is in the acknowledgement). http://people.bu.edu/ma/rationing-selection.pdf 2. "Health insurance, treatment plan, and delegation to altruistic physician". Ting Liu Ching-to Albert Ma. March 2011. Working paper (UC3M in acknowledgement). 3. http://people.bu.edu/ma/sequential_treatment_march2011.pdf 4. "Health insurance, cost expectations, and adverse job turnover". Randall P. Ellisa and Ching to Albert Ma. Health Economics 20: 27-44 (2011). http://people.bu.edu/ma/Ellis_Ma_HE2011.pdf 5. "Progress and compliance in alcohol abuse treatment". Hsien-Ming Liena, Mingshan Lub, Ching-To Albert Mac, Thomas G. McGuired. Journal of Health Economics 29 (2010) 213-225. Accepted 10 November 2009. http://people.bu.edu/ma/JHE1363.pdf
Midrio, Michele	1. Design of multifrequency full-wave rectenna; J. Morcillo-Sánchez, V. González-Posadas, M. Midrio y Daniel Segovia-Vargas; Eucap 2011, Roma abril 2011. 2. Multifrequency full-wave rectennas: analysis and design: D. Segovia, J. Morcillo, V. González y M. Midrio (submitted to IEEE AWPL) 3. C. De Angelis, A. Locatelli, D. Modotto, S. Boscolo, M. Midrio, and A. D. Capobianco, "Frequency addressing of nano-objects by electrical tuning of optical antennas", J. Opt. Soc. Am, B27, pp. 997-1001, May 2010. 4. M. Midrio, M. Romagnoli, S. Boscolo, C. De Angelis, A. Locatelli, D. Modotto, and A. D Capobianco, "Flared Monopole Antennas for 10mm Radiation", IEEE J. Quantum Electron., 47, pp. 84 – 91, Jan. 2011. 5. M. Midrio, S. Boscolo, A. Locatelli, D. Modotto, C. De Angelis, and A. D. Capobianco, "Flared monopole antennas for 10 μm energy harvesting", Proc. European Microwave Conference (EuMC), 2010, Sep. 26 - Oct. 1, Paris (F), pp 1496 – 1499.

PROFESSOR	PUBLICACIONES FILIACION UC3M
Schaeffer, David	Y. Farjoun, D.G. Schaeffer, "The hanging thin rod: A singularly perturbed eigenvalue problem". SIAM Review. arXiv:1008:1912
Santos, Manuel	1. Problems in the numerical simulation of dynamic models with heterogeneous agents and economic distortions (with A. Peralta-Alva), Journal of the European Economic Association, 2010, Vol. 8, pp. 617-25. 2. Consistency properties of a simulation-based estimator, Annals of Applied Probability, 2010, Vol. 20, pp. 196-213. 3. Analysis of numerical errors and accuracy of solutions (con A. Peralta-Alva), a aparecer en el Handbook of Computation. 4. Differentiability of the value function in continuous-time economic models (with A. Rincon-Zapatero), enviado a Mathematics of Operations Research. 5. Generalized laws of large numbers for the simulation of dynamic economies (con A. Peralta-Alva), manuscrito no publicado. 6. Currency speculation in a game-theoretic model of international reserves (con C. Perez), manuscrito no publicado. 7. Determinants of investment and relative prices across countries (con Fernando Garcia-Belenguer), manuscrito no publicado 8. Determinants of US medical expenditures (con Alex Horenstein), manuscrito no publicado.
Terrones Maldonado, Mauricio	1. Terrones, M. (2010). "Nanomaterials Research: A big step for Ecuador". Nature Materials 9, 704-705 [News & Views]. 2. Terrones, M. "Structural changes to aid science in developing countries" (2010). Nature 464, 486-486 [Nature Correspondence]. 3. Terrones, M., Botello-Méndez, A.R., Campos-Delgado, J., López-Urías, F., Vega-Cantú, Y.I., Rodríguez-Macías, F.J., Elias, A.L., Muñoz-Sandoval, E., Cano-Márquez, A.G., Charlier, J.-C., Terrones, H. (2010). "Graphene and graphite nanoribbons: Morphology, properties, synthesis, defects and applications". Nano Today 5, 351-372. 4. Cruz-Silva, E., Botello-Méndez, A.R., Barnett, Z.M., Jia, X., Dresselhaus, M.S., Terrones, H., Terrones, M., Sumpter, B.G., Meunier, V. (2010). "Controlling Edge Morphology in Graphene Layers Using Electron Irradiation: From Sharp Atomic Edges to Coalesced Layers Forming Loops". Physical Review Letters 105, 045501. 5. Morelos-Gómez, A, López-Urías, F., Muñoz-Sandoval, E., Dennis, C.L., Shull, R.D., Terrones, H., Terrones, M. (2010). "Controlling high coercivities of ferromagnetic nanowires encapsulated in carbon nanotubes". Journal of Materials Chemistry 20, 5906-5914. [cover issue] 6. F. Villalpando-Paez, L. G. Moura, C. Fantini, H. Muramatsu, T. Hayashi, Y. A. Kim, M. Endo, M. Terrones, M. A. Pimenta, and M. S. Dresselhaus (2010). "Tunable Raman spectroscopy study of CVD and peapod-derived bundled and individual double-wall carbon nanotubes". Physical Review B 82, 155416. 7. Joly, V. L.J., Kiguchi, M., Hao, S.J., Takai, K., Enoki, T., Sumii, R., Amemiya, K., Muramatsu, H., Hayashi, T., Kim, Y.A., Endo, M., Campos-Delgado, J., López-Urías, F., Botello-Méndez, A., Terrones, H., Terrones, M., Dresselhaus, M.S. (2010). "Observation of magnetic edge state in graphene nanoribbons". Physical Review B 81, 245428. 8. Terrones, M. (2010). "Sharpening the Chemical Scissors to Unzip Carbon Nanotubes: Crystalline Graphene Nanoribbons". ACS Nano 4, 1775-1781. [PERSPECTIVE]. 9. Kim, J.H., Kataoka, M., Shimamoto, D., Muramatsu, H., Jung, Y.C., Hayashi, T., Kim, Y.A., Endo, M., Park, J.S., Saito, R., Terrones, M., Dresselhaus, M.S. (2010). "Raman and Fluorescence Spectroscopic Studies of a DNA-Dispersed Double- Walled Carbon Nanotube Solution". ACS Nano 4, 1060-1066.