

Regino Criado is full professor of Applied Mathematics at Rey Juan Carlos University of Madrid (URJC). He began his academic life at "Universidad Politécnica de Madrid" (Polytechnic University of Madrid) and, as of 1997, continued at the Faculty of Experimental Science and Technology at Universidad Rey Juan Carlos. At the same time, however, he has maintained ties and collaborated with various institutions of Spanish public administration. As grant holder of the "Subdirección General de Estudios" (Department of the Interior), he collaborated in the design and mathematical modelling of the document database S.A.R.I. He has taken part in various European research projects in the fields of mathematics and computing (ESPRIT II and ESPRIT III) and in different R&D projects with several companies in the fields of computing, mathematics and software development. He was professor of "Curso Superior de Inteligencia Artificial y Sistemas Expertos" (Graduate Level Course in Artificial Intelligence and Expert Systems) for Ministry of Defence Department heads and officials organized by its School of Computer Science (1988). He has published more than 100 publications in several fields (articles, books, book chapters, papers and reports), and he was in charge of various of R&D contracts for several companies, in addition to having been awarded the special teaching award, "Premio extraordinario de docencia Wirsbo-URJC 1999". Also, he was one of five researchers who made up the core of the winning team of the Academic Enterprising Prize (Prize I@boratorio 2002) of the DMR Consulting Foundation. He has been the coordinator of the on-line courses for the URJC program with the Biodiversity Foundation, in addition to being coordinator of the Ada-Madrid project's Committee for Quality (2003-06). Professor Criado has acted as scientific referee for several prestigious journals and, presently, is a member of the Editorial Board of the prestigious journal "Discrete and Continuous Dynamical System" (Series S), edited under the sponsorship of the American Institute of Mathematical Sciences (AIMS). He has also been guest editor of the journals "Chaos" (AIP), "International Journal of Bifurcation and Chaos" and (upcoming) "Networks and Heterogeneous Media" (AIMS). He serves as member of the Scientific Committee of the "International Conference on Computational and Mathematical Methods in Science and Engineering" and, in September of 2006, together with Donald Estep, he chaired the Congress CMMSE-2006 satellite conference of the International Conference of Mathematicians ICM-2006, which took place in Madrid at Rey Juan Carlos University. He chaired the conferences Net-Works 2007, Net-Works 2008, Net-Works 2010 and Net-Works 2011 developed in cooperation with the American Institute of Mathematical Sciences (AIMS) and the Society for Industrial and Applied Mathematics (SIAM) being also a member of the Organising Committee. He was also the organizer of three minisymposiums taking place inside the "SIAM Conference on Applications of Dynamical Systems" celebrated during 2007 and 2009 in Snowbird (Utah, U.S.A.) and Global Organizing Committee member of AIMS 8th International Conference on Dynamical Systems, Differential Equations and Applications held in Dresden (Germany) May 25-28 2010, besides organizing the special session "Intermingled Dynamics and Structure in Complex Networks" during the same congress. He has taken part in more than six masters and doctorate programmes, related to (in addition to other areas) mathematical modelling in environmental sciences, complex networks, computing and artificial intelligence. He has chaired several summer courses of URJC in which more than 50 professors, teachers, experts and people from the top level of Public Administration and more than 300 students have participated. Professor Criado's research interests include several topics/areas/fields, ranging from computing and algorithms in complex networks to environmental mathematical modelling.