

José Francisco Tirado Fernández (Madrid, 1951) graduated in Physics (specialty of Automatic Computing) at the UCM in 1973. He later joined the group of Prof. García Santesmases, obtaining his doctorate from UCM in 1977.

He is a professor in the Department of Computer Architecture and Automation since 1978, first as Assistant Professor of Automation and since 1986 as Professor of Architecture and Computer Technology. He has worked in different areas of research within the system architecture, parallel processing, IC design and bioinformatics. Within these themes, actively promoted the creation of the Computer Architecture Group, which has led to the current Department of Computer Architecture and Automation. He was also driving the implementation of computer engineering studies and the creation of the Faculty of Informatics UCM in 1991.

He has participated uninterruptedly in research projects with national, European and regional funding, since 1973. During this time he has worked on 41 research projects funded on a competitive base, being principal research on 28 occasions. It is the main inspirer and leader of the current Group of Architecture and Technology Computer Systems (ArTeCS) UCM, that in the last national research project has brought together a total of forty researchers, and has prestige in the fields of High Performance Computing and Synthesis of Digital Systems. He has also participated in various contracts technology transfer to industry, in fields ranging from simulating physical systems, optimization of parallel codes, through process automation. He has also participated in the organization of over 100 prestigious international conferences as General Chair, Program Chair, Program Committee Member, Chairman of Session, Guest Lecturer and reviewer of articles. He has authored over 200 publications in international journals and conferences.

Professor Tirado has directed 15 PhD Dissertations, and scientific, resulting offspring include doctoral thesis have been directed by his direct disciples, far exceeds the quarantine. Between 1991 and 2008 contributed to the design and management of Spanish Research Program by his continued presence in evaluation and design committees, and as Program Manager in the initial stages of the National Program, or functions of Coordinator of Computer Science and Computer Technology ANEP Nacional Agency for Research Evaluation). In recent years he has strongly promoted the professional consolidation and social perception of Informatics as a scientific discipline in his country, through the creation in 2009 of Computer Science Society of Spain (SCIE), which he was the first President. Previously, in 2005 he had already starred in the creation of the Society of Architecture and Computer Technology (SARTECO), and he was also the first President. At present participates as a member on the board of the Confederation of Scientific Societies of Spain (COSCE). Since 2018 he is a member of the European Academy Computer Section

It has also promoted the creation of links with Latin America, which has crystallized in the establishment of numerous joint research projects, doctoral theses and participation in the teaching of graduate programs at the National University of La Plata (Argentina), where it is codirector of the PhD program, National University of Asunción (Paraguay), National University of San Luis (Argentina), University of Antioquia (Colombia), Universidad de los Andes (Venezuela) and National University of San Agustín (Peru).

Services provided in Program Committees:

Mini and Microcomputers and Their Application (1985), EUROMICRO Conference (1991, 92, 93, 94, 95, 96, 97, 2000, 04, 05, 06, 07, 08, 09, 10), Parallel Computing and Transputer Applications (1992), International Symposium on Industrial Robots (1992), Parallel and Distributed Processing (PDP 1995, 96, 98, 99, 2000, 01, 02, 03, 04, 06, 07, 08, 09, 10, 11, 12, 13,14,15,16,17), Parallel and Distributed Systems (PDS Euro-1997), Vector and Parallel Processing (VECPAR 1998, 2000, 02, 04, 06, 08, 10, 12,14,18), EURO PVM / MPI (1999, 2000, 01, 04 05) Euromicro Digital Design Conference (DSD 2001, 02, 03), Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2012), IEEE / ACM International Symposium on Microarchitecture (MICRO 2004), Workshop on Application Specific Processors (WASP 2004) , Argentine Congress on Computer Science (CACIC 2005, 06, 07, 08, 09, 10, 11, 12,13,14,15,16,17,18), Iberoamerican Conference on Software Engineering and Knowledge Engineering (IISIC 2006, 07), IBERGRID (2007, 08, 09, 10), International Conference on Complex Open Distributed Systems (CODS 2007), Latin American Conference on Informatics (CLEI 2007, 08, 09, 10, 11, 12,13,14,15,18, 19), Parallel Computing (ParCo2007 09, 11,13,15,17,19 ).

Services rendered as Program Chair / General Chair

Parallel and Distributed Processing (PDP 1998, 2005), EUROMICRO Conference (1998), IEEE International Symposium on High-Performance Computer Architecture (HPCA 2004), Parallel Computing (ParCo2005), Latin American Conference on Informatics (CLEI 2015).

Activities Research Management

It has provided a range of services (especially in relation to the National R + D) among which are the following: Secretary of the National Program for Advanced Automation and Robotics (1988-1989), National Program Manager and Advanced Automation robotics (1989-1991), National Programme Manager Advanced Technologies Production (1991-1992), Representative of Spain for the CYCIT in the "International Advanced robotics Program" (1991-1996), Member of Camp 6 Committee CNEAI (2000-2003), Chairman of the Golf 6 CNEAI (2001-2003), Director of the Center for Supercomputing Complutense (2002-2007), Coordinator of Computer Science and Information Technology Committee ANEP (2003 -2006), Head of Bioinformatics of the Conference Committee Chairman of EUROMICRO Madrid Science Park (2002-2004), Director of the Science Park of Madrid (2004-2006), (1999-2004), Director of the Office Support research UCM (2012-2013), Vice Chancellor for Research at the UCM (2013-)

Academic Management Activities

He has held positions in almost all levels of the academic hierarchy from Section Departmental Director to Vice Chancellor, through Vice Dean, Director of Department for 8 years (2005-2012) and Dean of the Faculty of Physical Sciences at UCM, also for 8 years (1994-2002). He has also participated and chaired various committees for accreditation of qualifications and evaluation of teachers, both in the field of regional agencies and national agency ANECA.

Other services to the scientific community

Member of the Board of Scientific Park of Madrid (2004-2006, 2011-), Member of the Scientific Advisory Board of the Scientific Park of Madrid (2010-), Member of the National Commission on Accreditation ANECA (2007-2009), Committee Member Engineering and Architecture for verification of titles in AGAE (2010-) Member of ACSUG Accreditation Committee (2010-) Member of the Committee for Evaluation of Research Activity ACPUA (2006-2010), Member of the Commission of Experts of the ICT-program TIN (1993, 1996, 1998, 2003, 04, 05, 09, 10, 11,12,15,16), Coordinator of Informatics ACSUCyL (2010-) Member of the committees of the preparation of II, III, V and VI National R + D, Member of the Commission of Experts of the Ramón y Cajal and Juan de la Cierva program (2003, 04, 05, 06, 10, 11,12,13,14,15).

Honorary Doctorates

National University of San Agustín (Peru), 2008

National University of Asunción (Paraguay), 2010

Universidad de Almería (Spain), 2017

National University of La Plata (Argentina), 2019

2013 Nacional Award of Computer Science

Member of the European Academy Computer Section (2018)