

Personal information form for Fellow members of EAMBES

Personal Info



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Short CV

Pablo Laguna received the Physics degree (M.S.) and the Doctor in Physic Science degree (Ph.D.) from the Science Faculty at the University of Zaragoza, Spain, in 1985 and 1990, respectively. The Ph.D. thesis was developed at the Biomedical Engineering Division of the Institute of Cybernetics (U.P.C.-C.S.I.C.) under the direction of Pere Caminal.

He is Full Professor of Signal Processing and Communications in the Department of Electrical Engineering at the Engineering School, and a researcher at the Aragón Institute for Engineering Research (I3A), both at University of Zaragoza, Spain. He is also a member of the Spanish centre for Biomedical Engineering, Biomaterial and Nano-medicine Research CIBER-BBN. From 1992 to 2005 was Associated professor at same University and From 1987 to 1992 he worked as Assistant professor of Automatic control in the Department of Control Engineering at the Polytechnic University of Catalonia (U.P.C.), Spain and as a Researcher at the Biomedical Engineering Division of the Institute of Cybernetics (U.P.C.-C.S.I.C.).

He has being vice-dean for international relation at the Engineering school, (1999-2002), responsible of the Biomedical Engineering division of the I3A Institute and master in Biomedical Engineering (2003-2010). Currently he is director of the CIBER-BBN, and responsible of the Ph.D. program in Biomedical Engineering. His professional research interests are in Signal Processing, in particular applied to biomedical applications. He has co-authored more than 80 research papers on this topic, over 200 international conference papers, and has advise 11 Ph.D Thesis. He has leaded a broad number of projects on biomedical signal interpretation especially in the cardiovascular domain, most of them with international collaborations at clinical and engineering sites. He is having some international scientific responsibilities, as serving at the board of directors of Computing in Cardiology conference, editor of the digital signal processing journal (EURASIP), and of the journal of electrocardiology, organizer of different scientific conferences, etc. He is, together with L. Sörnmo, the author of *Bioelectrical Signal Processing in Cardiac and Neurological Applications* (Elsevier, 2005). He is also Fellow of the International Academy of Medical and Biological Engineering.