Carlos M. Travieso-González
carlos.travieso@ulpgc.es

Biography

Carlos M. Travieso-González received an M.Sc. degree in 1997 in Telecommunication Engineering at the Polytechnic University of Catalonia (UPC), Spain; and a Ph.D. degree in 2002 at the University of Las Palmas de Gran Canaria (ULPGC-Spain).

He is a Full Professor of Signal Processing and Pattern Recognition and Head of Signals and Communications Department at ULPGC; teaching from 2001 on subjects on signal processing and learning theory. His research lines are biometrics, biomedical signals and images, data mining, classification systems, signal and image processing, machine learning, and environmental intelligence.

He has researched 54 International and Spanish Research Projects, some of them as head researcher. He is co-author of 4 books, co-editor of 25 Proceedings Books, and Guest Editor for 8 JCR-ISI international journals and up to 24 book chapters. He has over 500 papers published in international journals and conferences (100 indexed on JCR – ISI - Web of Science). He has published 7 patents in the Spanish Patent and Trademark Office. He has supervised 12 PhD Thesis (7 more are under supervision), and 150 Master Thesis. He is the founder of The IEEE IWOBI conference series and President of its Steering Committee, The InnoEducaTIC conference series; and The APPIS conference series.

He is an evaluator of project proposals for the European Union (Horizon Europe and H2020 - EU), Medical Research Council (MRC – UK), Spanish Government (ANECA - Spain), Spanish Research Agency (AEI – Spain), Croatian Science Foundation (HRZZ – Croatia), Research National Agency (ANR - France), DAAD in Spain (Germany), Argentinian Government and Colombian Institutions.

He has been reviewer in different indexed international journals (<75) and conferences (<250) since 2001. He is member of IASTED Technical Committee on Image Processing from 2007 and member of IASTED Technical Committee on Artificial Intelligence and Expert Systems from 2011. He will be APPIS 2024 General Chair, , and was APPIS 2024, General Chair APPIS 2023 General Chair, APPIS 2022 General Chair, IEEE-IWOBI 2022, ACM-APPIS 2020 General Chair, IEEE-IWOBI 2019 General Chair, APPIS 2019 General Chair, IEEE-IWOBI 2018 General Chair, APPIS 2018 General Chair, InnoEducaTIC 2017 General Chair, IEEE-IWOBI 2017 General Chair, IEEE-IWOBI 2015 General Chair, InnoEducaTIC 2014 General Chair, IEEE-IWOBI 2014 General Chair, IEEE-INES 2013 General Chair, NoLISP 2011 General Chair, JRBP 2012 General Chair and IEEE-ICCST 2005 Co-Chair. He is Associate Editor on Computational Intelligence and Neuroscience journal (Hindawi – Q2 JCR-ISI), in Entropy (MDPI – Q2 JCR-ISI) and Sensors (MDPI – Q1 JCR-ISI).

He was Vice-Dean from 2004 to 2010 in Higher Technical School of Telecommunication Engineers in ULPGC; and Vice-Dean of Graduate and Postgraduate Studies from March 2013 to November 2017.

He won the "Catedra Telefonica" Awards in Modality of Knowledge Transfer, in the editions 2017, 2018 and 2019; in 2020, in the Modality of COVID Research, 2021, 2022 and 2023 in the Modality of Research Project. Spanish National award in the second edition of E-nnova Health 2022 of Diario Médico and Correo Farmacéutico in the category of Big Data and Artificial Intelligence, to the proposal entitled "Implementation of the digital twin in SARS-COV-2 patient as a prognostic prediction", in October 2022. Finalist in the ABB Award in 2023 with a proposal entitled "Energy Predictor" in the Modality Public Administration.

In 2022, he was one of the researchers included as a member of the two percent most influential group in the world, according to the Stanford ranking in the 2022 edition of the ranking compiled by John P. A. Ioannidis (Stanford University), Kevin W. Boyack (SciTech Strategies) and Jero en Baas (Research Intelligence, Elsevier B.V.), which analyses his scientific output and the citations he has received, among other criteria.