

Juan Eloy Arco Martín

I obtained the Engineering in Telecommunications in 2013, and the Master's degree in Computer and Network Engineering in 2014. I was interested in research since the early stages of my career, so that I started the PhD in Information Technologies in 2015 and finished it in 2019. I currently work as a postdoctoral researcher at CITIC, University of Granada.

The results of my research activity are collected in 10 articles in journals indexed in JCR, two proceedings papers, 25 communications in international congresses and 2 communications in national congresses. I have always had a multidisciplinary spirit, focusing my career on bringing together medicine and signal processing. Most of my research activity employs machine learning and pattern recognition in the early prediction of neurological disorders and in the study of the brain function. Conscious of the importance of multidisciplinary, I developed my PhD thesis in the Department of Experimental Psychology of University of Granada.

I am committed to scientific communication, including communication competitions (winner of the best divulgative activity in III Jornadas de Jóvenes Investigadores and winner of dissemination of research group awarded by the Spanish Society of Experimental Psychology). In 2014, the Official College of Telecommunication Engineers awarded the 2nd prize for ICT applied to health to a tool for the automatic enumeration of malaria parasites in thick blood films, which I developed during my bachelor's degree.

I have collaborated with the Max Planck UCL Centre for Computational Psychiatry and Ageing Research in the development of the Pattern Recognition for Neuroimaging Toolbox (PRoNT_o), fruit of my research stay in that group in 2016.