



Manuel Martín-Neira received the M.S. and Ph.D. degrees in telecommunication engineering in 1986 and 1996 respectively from the School of Telecommunication Engineering, Polytechnic University of Catalonia, Spain.

In 1988, he was awarded a fellowship to work on microwave radiometry at ESA (European Space Agency), in The Netherlands. From 1989 to 1992 he joined GMV, a Spanish firm, as responsible for several projects on GPS spacecraft precise navigation and attitude determination. Since 1992, with ESA, in charge of the radiometer activities within the Payload, Equipment and Technology Section. He has developed new concepts for constellations of small satellites for Earth Observation. In particular he holds several patents related to aperture synthesis radiometry and on the use of GNSS signals reflected from the ocean (PARIS concept). He received the Confirmed Inventor Award from ESA in 2002, the Salva i Campillo Award and the Premio Jaime I in 2010 from Spain, and is member of the Academie des Technologies of France. Since 2001 he is the Instrument Principal Engineer of ESA's Soil Moisture and Ocean Salinity (SMOS) mission.