

Contact information for Miguel A. Piqueras

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Title:

Fiber over Radio Transmission for Networks in Spatial Orbit

Biography:

Received the Ingeniero de Telecomunicación degree from the Universidad Politécnica de Valencia, Spain, in 2003. He spent five years involved in R&D activities as a researcher in the Nanophotonic Technology Center (NTC) of Valencia (Spain) in photonic components and subsystems, including areas such as silicon-photonics, optoelectronics and radio-over-fibre architectures.

In 2006 he joined DAS Photonics, a spin-off company of the NTC, initially as Project Manager and recently as Deputy Director of Innovation, coordinating the technical activities of the company and leading different projects for the development of Radio-over-Fibre systems for Space and Defence applications, ranging from integrated optical beamforming networks in silicon-on-insulator, analog signal distribution systems or ultra-broadband photonic analog-to-digital converters.

He has participated in 7 European and 4 National Research Projects and has published more than 40 papers in International Journals and Conferences, as well as 3 contributions in standardization bodies. In parallel, he works as external expert for the European Commission in the area of optical components and systems, evaluating projects in the 7th Framework Programme.