

Short CV of Paolo Marchegiani

I obtained my MSc degree at the Università Sapienza in Rome, with a thesis on the non-thermal Sunyaev-Zel'dovich effect in galaxy clusters, and my PhD at the Università di Roma Tre, with a thesis on the non-thermal content of galaxy clusters. Later, I had several research grants and postdoctoral positions at the Università Sapienza in Rome, at the Osservatorio Astronomico di Roma, and at the University of the Witwatersrand in Johannesburg.

My scientific research lines are the study of non-thermal phenomena in galaxy clusters, the Sunyaev-Zel'dovich effect and its use as a probe of galaxy clusters properties, the possibility of probing the properties of dark matter in astrophysical objects, and the study of non-thermal phenomena in other extragalactic objects like blazars and radiogalaxies.

I recently joined the Osservatorio Astronomico di Cagliari, and have ongoing collaborations with the University Sapienza and the University of the Witwatersrand. I am currently involved in the compilation of the BZCAT catalog of blazars, in the MeerKAT Galaxy Clusters Legacy Survey, in the H.E.S.S. collaboration, and in the preparation of the balloon-mounted mm and sub-mm telescope OLIMPO.