Claudia de Molina Gómez

I have a Master's degree in Telecommunications Engineering from the University Autónoma de Madrid. Besides, I increased my education with the Master's degree on Mathematical Engineering, and then started my thesis on the corresponding doctoral programme. I developed my thesis titled "Advanced capabilities for planar X-ray systems", which was defended on September 2018. It was developed at the Bioengineering department of UC3M in collaboration with Hospital Gregorio Marañón, with the medical imaging company SEDECAL, with the research center CREATIS (France), and with the Imaging Research Laboratory (IRL) from University of Washington where I did an internship focused on tomosynthesis reconstruction. During my PhD, I have also been working as assistant professor at the Bioengineering department of University Carlos III de Madrid (UC3M).

I have worked more than eight years in biomedical engineering research and participated in 12 competitive research projects with public funding related to the incorporation of new functionalities into X-ray systems such as dual energy decomposition, limited-data tomography, tomosynthesis, advanced iterative reconstruction, CBCT artifacts correction, etc.

In January 2019 I joined to Philips as Clinical Scientist CT/IGT/NM in Philips Iberia (Spain and Portugal) specialized on Spectral CT imaging for different clinical applications in oncology.