

Julio Cesar da Silva is a scientist at the French National Center of Research (CNRS) working at the Institut Néel, Grenoble. He has 17 years of work experience in synchrotron facilities and helped to build 2 beamlines, one at LNLS, Brazil, and the other at ESRF. He works on the characterization of heterogeneous materials, and he is developing advanced microscopy methods and synchrotron radiation techniques, including coherent scattering techniques, X-ray imaging, tomography, and deep learning in microscopy.