

Pablo Loza-Alvarez

Pablo received his PhD in Laser Physics from the University of St Andrews, Scotland in 2000. In 2002 he obtained a “Ramon y Cajal” fellowship and was incorporated to ICFO as a Group Leader.

Currently he is the head of the “Super Resolution Light Microscopy and Nanoscopy” lab at ICFO. Dr. Loza-Alvarez has now a strong experience in microscopy and, by introducing novel photonics tools, has developed a number of novel imaging techniques. These have been used for a wide variety of applications ranging from the imaging of large model organisms (mesoscopic level) to the visualization of subcellular components (super resolution).

He has directed 8 PhD students, co-authored over 200 publications in international journals and conferences (h=37, Google Scholar), has written 7 patents and he is regularly invited to deliver seminars at different conferences, schools and colloquia. Dr. Loza-Alvarez, has been PI in European and national projects; he is also active in several Networks of Excellence.

Dr. Loza-Alvarez’ group participates in Euro-Biolmaging in two Spanish nodes. The SLN lab directed by Dr. Loza is considered “Nikon Center of Excellence in experimental Super-resolution at ICFO” and “Leica European Nanoscopy Imaging Reference Site”.