



Dr. Norberto Catarino received the BSc in physics from the University of Porto, the MSc in Nuclear and Particle Physics and PhD in Physics Engineering from the University of Lisbon. In recent years, he has established himself in the field of ion beam techniques, focusing on plasma-facing component research. He started his research activity at CTN in 2009, working on magnetic nanolayers of wide bandgap semiconductors for spintronic applications. He specialized in the use of detector, electronic and nuclear acquisition systems. He worked in the European SPIRIT project, and gradually became involved in the research on materials for fusion reactors due to his participation in JET's work program of the Ion Beam Laboratory. He is the Portuguese Chief Scientific Investigator of a Coordinated Research Projects (CRP-F11023) from the IAEA, to provide a platform for efficient collaboration and knowledge transfer between scientists from developing and developed Member States, with a focus on the use of accelerator-based techniques for fusion related technologies.