



Dr. Roman Padilla Alvarez (IAEA) graduated in 1985 as Physicist from State University of Belarus, where he also obtained an MSc degree on Physics and Mathematics. He worked since 1985 in the Analytical Chemistry Laboratory of CEADEN (Havana, Cuba), mainly on the implementation and application of trace and microanalysis techniques (Gamma & Beta Spectrometry, EDXRF, TXRF, INAA, SEM-EDX, micro-XRF, PIXE/RBS) in the analysis of samples of varying composition and origin (minerals, metals, alloys, pharmaceuticals, industrial products, environmental samples, and art and archaeology objects, among others). He received relevant National Awards from Cuban Academy of Sciences in 1999 and 2006. He collaborated during 8 years with the MiTAC group of University of Antwerp and received his PhD at this institution. He assisted IAEA with numerous expert missions and since 2008 works at NSIL in the application of X-ray techniques for elemental composition and imaging characterization of materials, in the application of portable instruments and in-situ techniques in environmental studies and in joint IBA experiments with Ruder Boskovic Institute in Zagreb. He speaks Spanish, Russian, English and German.