

Pablo Antonio Vásquez Salvador

Biography

Pablo Vasquez is a researcher and R&D manager in the Radiation Technology Center CETER at the Nuclear and Energy Research Institute (IPEN) and professor in the Nuclear Technology Applications Graduation Program at the University of São Paulo (USP).

He obtained his PhD in Chemical Engineering and Nuclear Technology at Washington University, St. Louis, and the University of São Paulo. He leads the team working on the research and applications of radiation processing for preservation and conservation of cultural heritage artefacts. He has produced publications on radiation processing, industrial dosimetry, ionizing radiation sterilization, sealed sources industrial applications, materials modification by ionizing radiation and development of gamma irradiation facilities. Vasquez has been an IAEA lecturer and consultant for trainings and projects related to disinfection and consolidation of archived materials and cultural heritage artefacts by radiation processing.

He currently participates in IAEA projects related to the development of radiation treatment methodologies and new resin formulations for consolidation and preservation of archived materials and cultural heritage artefacts. He is co-author of the IAEA Radiation Technology Series Book Uses of Ionizing Radiation for Conservation for Tangible Cultural Heritage.