



Mr Khoi TRAN, PhD in Polymer Sciences from the University of Strasbourg, France, is a Senior Researcher at the ARC-Nucléart Conservation Center since 1981.

Located at Grenoble, France, this laboratory depends on the French Atomic Energy Commission (CEA), and Khoi Tran is a senior expert in the application of gamma ray irradiation for disinfection and consolidation of wood materials, cultural heritage artefacts as well as modern wood. For this latter, a technology transfer was realized in the 90's to the parquet industry with our process of impregnation (vacuum/pressure) the wood parquet by a radiation-curing resin, followed by the polymerization of the resin inside the wood panels by gamma irradiation. He participated also to the development of the second conservation process for small and large size archaeological wood artefacts as shipwrecks using the resin polyethylene glycol impregnation, followed by air-drying or freeze-drying.

He is an active member of the ICOM-Committee for Conservation Working Group on Wet Organic Archaeological Materials (WOAM), and is an expert-consultant for the International Atomic Energy Agency in Vienna, Austria.