

Deseada Díaz Barrero carries out her research in Germany, at the KIT - Karlsruhe Institute of Technology, in the TLK - Tritium Laboratory in Karlsruhe, as a postdoctoral researcher. This laboratory houses the KATRIN experiment. This facility is unique in Europe, licensed to hold 40 g of tritium and has tritium storage, treatment and separation systems. Previously, as technical staff (civil servant) of the UAM- Universidad Autónoma de Madrid, in the Dept. of Applied Physical Chemistry, he developed a technical work, participating in teaching and in national and international research projects for 13 years. At the same time, he finished his degree in Chemistry, did his master's degree in 'Energies and Fuels for the Future', with his master's thesis at the National Fusion Laboratory of Ciemat in IR spectroscopy of H and He plasmas. In close collaboration with TLK he obtained his PhD in the study of tritium chemistry, in particular on the synthesis and characterisation with Raman spectroscopy of tritiated methane as a tritiated pollutant in facilities handling large amounts of tritium.