



Dr. Lucile Beck is a Research Director at the French Atomic Energy and Alternative Energies Commission (CEA). She is currently in charge of the National Laboratory for Carbon-14 Measurement at Saclay. She obtained a PhD in 1991 and a habilitation in 2013 on the development of nuclear techniques for the study of cultural heritage materials. She developed ion beam and in-situ X-ray techniques for the analysis of coins, paintings and pigments. Today, she focuses her research on the application of radiocarbon dating methods on non-conventional materials: she supervised a PhD thesis on the dating of lead white, a pigment used in cosmetics and painting since Antiquity. She is member of the new Collaborating Center Atoms for Heritage – France (IAEA-Université Paris-Saclay). Lucile Beck was named Knight of the National Order of Merit in 2013.