

Francesco Caridi - CV

is a Senior Researcher of Applied Physics (to Cultural Heritage, Environment, Biology and Medicine) at the Department of Mathematical and Computer Sciences, Physical and Earth Sciences of the University of Messina. Graduated in Physics cum laude in 2003 at the University of Messina, PhD in Physics in 2007, National Scientific Qualification as Associate Professor in 2017, National Scientific Qualification as Full Professor in 2022. He is co-author of 172 publications on ISI/Scopus rated journals and more than 100 invited talks/communications at National and International Conferences and Events, in the field of Physics Applied to Cultural and Environmental Heritage. Citations: 1822, H-index: 32 (Scopus database). His research interests include but are not limited to: a) application of invasive and non-invasive micro- and spectroscopic techniques for the analysis of materials largely employed in the field of Cultural Heritage, as well as their degradation forms; b) characterization of materials of particular historical artistic interest in terms of natural radioactivity content, in order to assess the radiological risk for humans; c) systematic implementation of operative strategies aimed at the evaluation of the radon exhalation rate in building materials.