

## **Maria Grazia DONATO – CV**

Dr. Donato is a permanent staff researcher at the Istituto per i Processi Chimico Fisici (IPCF) of the Italian National Research Council (CNR). She is involved in optical trapping and manipulation, Raman spectroscopy and photoluminescence of micro- and nanoscopic samples (dielectrics, metallic, carbon-based). Recently, Dr. Donato has also started a research line regarding the trapping and manipulation of millimetric solid and liquid particles by acoustic waves. The acoustic levitator has been coupled with a Raman spectrometer, realizing an Acoustic Raman Tweezers setup, with applications in environmental monitoring of plastic pollution and in contactless analysis of materials of interest in astrophysics.