

Maddalena Collini is currently associate professor of Applied Physics at the University of Milano Bicocca (Dept. of Physics, School of Sciences). His activity is aimed at applying photonics to biosystems to study dynamic processes in the interdisciplinary field of biophysics. Since 2011 he has been the scientific director of large university equipment of Nanoscopy. His recent research of him focuses on new development image correlation protocols and methods and from a more nanotechnological point of view, MC uses gold nanoparticles for theranostic purposes, studying and modeling them internalization in cells and small organisms. He is currently investigating the action antibacterial and stimulant of nanoparticles for applied research.