

### ***Short profile of the Principal Investigator***

*Institute for Electromagnetic Sensing of the Environment (CNR-IREA)*

**Dr. Romeo Bernini** (gender: male, date of birth: 01/07/1968) received his Laurea degree (summa cum laude) from the University of Naples Federico II, Naples, Italy, and his Ph.D. degree from the Second University of Naples, Aversa, Italy, in electronic engineering, in 1995 and 1999, respectively. He was a Research Fellow with the Second University of Naples in 2000. He is currently a senior researcher at the Institute for the electromagnetic sensing of the environment (IREA) of the Italian National Research Council (CNR). His research fields are optoelectronic devices and sensors, microfluidic and optofluidic devices and fiber optic sensors. He has authored or coauthored more than 80 papers published in various international journals. He is a reviewer for several technical journals. He holds one international and two national patents on fiber optic sensors. He has a H-index of 24 and a total of 1944 citations (source: Scholar).

Romeo Bernini was leader of IREA-CNR Unit and WP leader in several national and European research projects (Istimes-FP7, Fosas-FP7, Nanodem-FP7, Safuel-FP7, Hemospec-FP7). He is associated editor of the Journal of Sensors. He is in the board committee of the Italian Society of Optics and Photonics (SIOF) from 2010. Member of "Biophotonics and Optofluidics" Subcommittee for the the Conference on Lasers and Electro-Optics (CLEO) 2012 e 2013 2014 2015 Conference