

Biography

Luca De Stefano is actually Research Director and Head of the Unit of Naples at the Institute of Applied Science and Intelligent Systems, National Research Council, Italy. He leads a research team in the fields of biophotonics and optical nanosystems for biochemical sensing. Main topics are the fabrication and characterization of porous silicon based photonic devices; the study of the optical properties of marine diatoms microshells; the design and realization of hybrid nanodevices based on bio/non-bio interfaces. He presented his work to more than 280 national and international conferences (25 invited talks and 1 keynote presentation). He is author of more than 170 scientific articles published on peer reviewed journals. He get a H-index of 35 and over 3300 citations, certified by SCOPUS. He holds one European patent, and ten Italian patents.