

## **Biography**

PM is Senior Scientist and coordinator of the NanoBioSpectroscopy Lab at the Institute of Applied Physics of the National Research Council of Italy (IFAC-CNR). His interests are mainly focused on the development of plasmonic platforms for optical detection of molecules of biomedical interest. Currently he is scientific coordinator of the EuroNanoMedIII H2020 project SPEEDY on the early diagnosis of Alzheimer's, PI of the Korea-Italy Joint Research Project DESWEAT on optical monitoring of health conditions by wearable nanowire-based chip sensors and PI of two regional project on photonics and optical sensing. PM is author of 70 peer-reviewed international papers (H-Index = 29; >2000 citations), 2 patents, 4 book chapters, 60 other publications.