

Maurizio Casalino was born in Naples, Italy, on September 08, 1974. He graduated *summa cum laude* in electronic engineering from the University of Naples "Federico II" and he received the Ph.D. degree in engineering electronic from the University "Mediterranea" of Reggio Calabria in the 2008.

In the 2010, he joined the Institute of Microelectronic and Microsystems (IMM), National Council of Research (CNR), as Researcher. He is responsible in charge of the electronic laboratory and of fundamental technologies of the Clean Room of IMM-CNR. He has been teaching optoelectronic and photonic at the University of Calabria from 2009 to 2012 and since 2013 he has been teaching physics of the semiconductors and devices at the University of Campania "Luigi Vanvitelli,". In 2015 he was invited to give an advanced lecture to the University of Cambridge on the topic: near-infrared all-silicon Schottky photodetectors.

He is author of more than 70 scientific articles published on peer-reviewed journals, proceedings of congress, book chapters, and review articles. His research interests include the design, fabrication, and characterization of silicon active and passive photonic devices. During his research activity, he has collaborated for carrying out several research projects financed by the CNR, public and external organizations and European Community.

Dr. Casalino has served as a reviewer for the following scientific journals: Journal of Lightwave Technology, Applied Physics B, Photonics Technology Letters, Applied Physics Letters, Optics Letters, Optics Express, Journal of Quantum Electronics, Nanoscale, ACS Nano and Nature Communications. He is currently member of the Italian Society of Optics and Photonics (SIOF), the Italian Society of Electronics (SIE) and the Institute of Electrical and Electronic Engineers (IEEE).