

CV Marco Romagnoli

Head of Advanced Technologies for Photonic Integration and Chief Scientific Officer at CNIT PNT Lab (Photonic Networks and Technologies) in Pisa, contract professor at Scuola Superiore Sant'Anna in Pisa, and former Director in R&D dept. He has over 35 years of experience in the research field, especially in the area of photonic technologies for TLC. After a Laurea Degree in Physics at the University of Rome (La Sapienza), in 1983 he started his activity at IBM Research Center in San Jose. In 1984 he joined Fondazione Ugo Bordoni in the Optical Communications Department working on optical components and transmission systems. In 1998 he joined Pirelli. In Pirelli R&D Photonics served as director of Design and Characterization and he was nominated Chief Scientist. In 2001 he pioneered the activity on Si Photonics and started the development platform for optical components, specifically silica based PLC's, in SiN and Si. In Oct 2010 he joined PhotonIC Corp, a Si-Photonics company, as Director of Boston Operations and program manager on behalf of the company at MIT (Massachusetts Institute of Technology) for the development of an optically interconnected multicore processor Si chip. In this period he contributed to the demonstration of the first electrically pumped Germanium laser. Presently he is involved in the realization of graphene photonics devices and integrated circuits for optical communications and in the development of graphene integration in SOI and SiN on wafer scale platforms. In addition he is leader of the workpackage "wafer scale system integration" in the EU-Graphene Flagship project

Firma

Pisa, 22 ottobre 2019