

Romeo Beccherelli received the *Laurea* degree *cum laude* in 1994 and the Ph.D. in 1998, both in Electronic Engineering, from University of Rome "La Sapienza". His Ph.D. thesis was awarded the International Otto Lehman Prize 1999 in liquid crystal technology by the University of Karlsruhe (DE) and the Otto Lehmann Foundation.

He served in the Technical Corps of the Italian Army as a Second Lieutenant.

In 1997 and 2001, he was Visiting Researcher Fellow at the Department of Physics - Division of Microelectronics and Nanoscience - Chalmers University of Technology (SE).

In 1997, he joined the Department of Engineering Science - University of Oxford (UK) as a Postdoctoral Research Assistant and in 2000 the Department of Electronic Engineering - University of Rome "La Sapienza" as a Research Fellow.

In 2001, he was appointed as permanent member of staff with the rank of Researcher.

Since 2006 he has been Senior Researcher at the Institute for Microelectronics and Microsystems of the National Research Council of Italy. He leads the photonics research in the Rome unit.

In 2016, he served as Seconded Scientific Expert at UNESCO.

He often serves as an expert for the evaluation and monitoring of research projects for Regional Italian bodies, Eureka and the EC as for several funding agencies in EU Member States.

He serves as a Scientific Expert for the Management of the European Structural and Investment Funds in the programming period 2014-2020 for the Ministry of University and Research of the Italy.

His initial research interests in liquid crystal display technology have evolved into sensor arrays, photonics and plasmonics based on liquid crystals, and into metamaterial and metasurface devices and systems for processing microwaves and terahertz waves. He has been Principal Investigator in research projects funded by EC, ESA, MIUR, MAECI, QNRF, co-coordinator of one FP7 funded by the EC and of four bilateral projects of "particular relevance" funded by MIUR and MAECI.

He is inventor of two patents and author of 94 papers in international journals and in 110+ conference proceedings and 4 book chapters.

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