



Curriculum:

Dr. Pasquale Mormile got his degree in Physics on 18/12/80 at the Naples University. His thesis was on Experimental Study of Surface Plasmons - Goos-Hanchen Effect (Supervisor Prof. E. Santamato and E. Pancini). Afterwards he went on working on topics of laser light propagation at nonlinear interface between two dielectric media studying linear and nonlinear phenomena.

He was the supervisor of 10 experimental thesis in Physics and tutor of 17 grants. The interest of his research activity has been subdivided always between the study and the characterization of new materials for applied optics and the fabrication and testing of electro-optical devices.

From 1997 up to 2001 he was involved in the research project "Use in Agriculture of innovative biodegradable plastic films for soil solarisation", in collaboration with the University of Basilicata (DITEC), ICIB-CNR (Optic Dept.) and IRTEMP-CNR (Chemistry Dept.).

From 1997 to 1999, he was scientific leader of the ICIB unit in the national project POM/INEA/CNR "New generation of biodegradable agricultural films for soil mulching and solarization". From 2003 up to 2005 he was the scientific responsible of the ICIB CNR partner in the frame of the European Life Project "Biodegradable Coverages for sustainable Agriculture" dealing with the study, characterization and analysis, in lab and in field, of biodegradable polymeric materials for mulching and solarization.

Dr. Mormile has often been invited to give national and international lectures in specialized schools, foreign universities, research centers and important industries.

He has been invited by several editors to submit his studies to International Conferences such as Review Articles. He is Referee of the International Journals: Optics Communication, Molecular Crystals and Liquid Crystals, Optics Letters.

From 1996 he is the Group Leader of the research activity done in the labs "Integrated Optics Lab", "Lab of Infrared Imaging and Thermography" and "Spectroscopy Lab".

Dr Mormile has been Scientific Responsible of more than 20 Research Projects both national and international. At present he is Scientific Responsible, within the International Agreement CNR/CAAS (Chinese Academy of Agricultural Sciences), of a project entitled "Study on the function of special plastic films for saving water in agriculture", Mormile/Yan. At the same time, he is scientific responsible of ISASI-CNR research unit of the Projects MARETA, RISIDRA and MABISCOMBI. Last October, during ICSEA 2015 (International Conference on Sustainable Environment and Agriculture) NY (USA), he received a special mention for the "excellent work" presented at the Conference. Recently, he devoted his research mainly on new applications of IR imaging and Thermography in many sectors like Medicine, Energy Save, Security, Cultural Heritage, Environment and Agriculture. Dr Mormile is author/co-author of two patents and more than 130 scientific papers published on international journals and books and more than 80 presentations at international and national conferences.