

CV Passaseo

D.ssa Adriana Passaseo is currently research director at the Nanotec Institute of CNR. After three years of experience in industrial research laboratories working on study and development of laser systems for medical applications (as Head and Coordinator of the Research and Development sector, from 1986 to 1990), she moved to the Centro Nazionale Ricerca e Sviluppo Materiali (CNRSM, Brindisi, Italy) working on nanostructures and innovative nanodevices based on III/V semiconductor materials in cooperation with the optoelectronic group of INFM Lecce. In 1999 she joined INFM-Lecce section as researcher working on optoelectronics devices based on quantum confined heterostructures for optoelectronic applications and structures and devices based on nitride compound and piezoelectric material for high frequency, high power electronic, sensing and nonlinear optical effects. From 2001 she was scientific coordinator of the INFM-NNL Advanced material department with the task of handling also industrial relations for research and development activities on advanced materials and devices. From 2005 she was responsible and scientific coordinator of the CNR group "Nanotechnology applied to semiconductors, oxides and insulators". In 2015 she was director of the Lecce section of the CNR Nanotec Institute. Currently, she is the scientific coordinator of the activities performed by the research group Material and Advanced Nanodevices at NANOTEC-Lecce whose research interest includes Electronic and optoelectronic devices based on III/V and III-N compound, study and development of 3D Metamaterials for nanophotonic and sensing application.

She is author or co-author of more than 250 scientific papers published on peer-reviewed journals (h-index 28), author of several international patents and invited speaker in several international conferences. A.P. has been tutor of several degree and PhD thesis, and teacher in advanced course for young researchers and in International School.

From 2017 A.P. is member of the teaching board of the PhD course in NANOTECHNOLOGY of the Salento University. She is also referee of several international Journals (among which Nature Communications, SMALL, Nanoletters, ACS Nano, Advanced Optical Materials, Advanced Functional Materials), and referee also of international projects.

AP has been involved and/or coordinate several national and international projects funded by public institutions and Industries

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Firma

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