Corrado Spinella received his Dr. degree in Physics in 1985. In 1989 he joined as researcher the Istituto Nazionale di Metodologie e Tecnologie per la Microelettronica (IMETEM) of the Italian National Research Council (CNR). From 1999 to 2001 he was Director of IMETEM and in 2002 he moved as senior researcher to the Institute for Microelectronics and Microsystems (IMM). Since 2008 to 2014 he was Director of IMM. At the present he is President of the National Technological District "Sicilia Micro Nanosistemi" and Director of the Department of Physics and Technology of Matter – CNR. His research activity is in the field of new materials and processes for micro– and nanoelectronics: front–end processing for ultra large scale Si technology; Si–based optoelectronics; science and technology of silicon carbide for RF or power electronics; novel memory devices based on silicon nanocrystals; advanced techniques, based on transmission electron microscopy, for characterization of nanostructured materials. He is co–author of more than 250 scientific papers and of several international patents.