Short Bio

Prof. Sabrina Conoci is full professor of Analytical Chemistry at the University of Bologna (UNIBO) since October 2025. She previously has been Full Professor of Physics of Matter (2019-2022) and Full Professor of Chemical Sciences and Inorganic Systems (2023-2025) at the University of Messina (UNIME). Rector Delegate to Technology Transfer at University of Messina (2020 to 2023). Coordinator of Joint Research Laboratory between STMicroelectronics (ST), multinational semiconductor Industry, UNIBO and CNR ISMN whose purpose is to carry out research activities and industrial exploitation (technology transfer) in the field of micro-nanotechnologies and advanced sensors. Head of Joint Research Laboratory between ST-UNIME (2019 to 2025). Head of Lab SENS- Beyond Nano, Research Unit at Third Parties (URT) of the Department of Physical Sciences and Technologies of Matter (DSFTM) of the National Research Council (CNR) (2021-2024). 2000-2019 - R&D Manager at STMicroelectronics (ST), covering several roles in the field of Advanced Devices managing and coordinating research activities focused on the development of integrated silicon technology platforms and compatible materials and syst ems for chemical-physical sensors and biosensors. Member of ST Technical Staff Steering Committee. She accomplished the qualification of the 1st Biotechnology (Lab-on-Chip Biotechnology) of STMicroelectronics. She received several Awards from ST for the innovative contribution given in the research. She has been principal investigator of several national research projects and WP leader of several European projects. She has been principal organizer and co-organizer of several international congresses in the sensors area. She was graduated in Industrial Chemistry cum summa laude at the University of Bologna (Italy) and obtained her Ph.D. in Materials Engineering in 2001. Member of the Scientific Council of IUNET (the Italian National Interuniversity Consortium for Nanoelectronics) and member of the Scientific Committee of the National Laboratory of the South Italy of the Italian National Institute of Nuclear Physics (INFN). Her research activity embraces multidisciplinary fields including the design, preparation and characterization of multifunctional nanostructured systems, advanced biotechnologies, Platform Systems Development and innovative Materials for medical device. She has published more than 200 papers in peer-reviewed international journals (h-index 38, about 5000 cit – Source: Scopus) and she is co-inventor of 33 patents.