



Consiglio Nazionale delle Ricerche

Nadia Camaioni got the Master degree (*Laurea*) in Physics, *summa cum laude*, from the University of Bologna, in 1985. She is a Research Director at the National Research Council (Consiglio Nazionale delle Ricerche, CNR) and works in Bologna, at the Institute for Organic Synthesis and Photoreactivity (ISOF). She has taught at the University of Bologna for 11 academic years (2012/2013 - 2022/2023, courses: “Materiali Organici per l’Elettronica”, “Elettronica Organica: Materiali ed Applicazioni”, “Organic Electronics: Materials and Applications”).

Her scientific interests deal with the electronic properties of organic conjugated materials and their applications in organic electronics, in particular in the field of solar energy conversion into electricity. Her research activity is mainly focused to the investigation of organic solar cells based on photoactive blends between two organic conjugated materials with appropriate electronic properties. The aim is to understand the complex interplay between the chemical structure of materials, their chemical physical properties and their effects on the performance of solar cells.

Nadia Camaioni has given invited talks at International Conferences on the theme of organic photovoltaics. She has been/is scientific responsible of national or international research projects, as well as of industrial research contracts. She has supervised numerous PhD and MSc students. She acts as Referee for prestigious scientific publishers (Nature Publishing Group, Wiley, ACS, AIP, RSC) as well as for funding agencies (European Commission, Ministero Sviluppo Economico (IT), Science and Technology Foundation (PT), Fonds de la Recherche Scientifique (B), Petroleum Research Fund (USA), National Research Council of Romania). She is author of more than 130 peer-reviewed scientific publications in international journals or book chapters. She is inventor of 2 international patents.