

AREA DELLA RICERCA DI BOLOGNA
6 APRILE 2018 PLENARY HALL (105) H.14

2nd CARLO TALIANI MEMORIAL LECTURE

PROF. MAURIZIO PRATO

Department of Chemical and Pharmaceutical Sciences, University of Trieste



BIOGRAPHY

Prof. Maurizio Prato has published more than 500 papers on international peer reviewed Journals, with a total of around 40,000 citations and an h-index of 105 (google scholar) or 92 (web of science). Has been invited to more than 200 conferences and workshops in the last 10-15 years as a plenary or keynote speaker, and has given more than 50 invited talks in Universities or research centers all around the world

Recent advances in the world of nanocarbons

Our path crossed with that of Carlo Taliani long time ago, when fullerenes were exotic creatures, endowed with incredible geometries and numerous potential applications. After the fullerenes, other nanoforms of carbon came along, including nanotubes, graphene and nanodots. These new compounds exhibit somehow different properties from each other and somewhat complementary. During this talk, we will highlight our most recent results in this fascinating field, with an eye to applications in bionanotechnology and energy.



Area della Ricerca di Bologna



ISTITUTO PER LO STUDIO DEI MATERIALI NANOSTRUTTURATI