

DELLA PERGOLA Roberto

Prof. Della Pergola took his degree in 1980, at the University of Milano, with full marks (110 over 110 and lode). The thesis was supervised by of prof Chini, Longoni and Malatesta. In 1981 he took a postdoctoral fellowship at the University of Kent (UK), working for more than one year with prof. B.T.Heaton on multinuclear NMR spectroscopy (^{13}C , ^{17}O , ^{31}P , ^{103}Rh) of organometallic clusters.

Back in Italy, he was appointed by Montefluos (Milano) working on additives for polymers.

In 1984 he became Ricercatore of Inorganic Chemistry, in the University of Milano. His main interest was on mixed metal clusters.

He became Associate Professor of Inorganic Chemistry in 1998, when he moved to the University of Milano Bicocca. He is now in the Department of Environmental Sciences, and he teaches General Chemistry to the students of Environmental Sciences.

From 2003, he teaches General and Inorganic Chemistry and Inorganic and Metallorganic Chemistry (faculty of Chemistry).

He published more almost 120 papers, regarding the syntheses and the characterization of organometallic compounds, mainly carbonyl clusters of Fe, Ni or Ir.

He accumulated experience in the fields of:

- 1) Synthesis of inorganic molecular compounds
- 2) Characterization of the above compounds with spectroscopic techniques in solution and in the solid state.
- 3) applications of organometallic compounds in homogeneous and heterogeneous catalysis
- 4) Application of Clusters for nanosciences
- 5) Reactivity of transition metals, coordination chemistry, metal-ligand interactions.

In 1994 he was a member of an international group, supported by the European Community and leaded by De Jongh (Netherland) regarding the properties of high-nuclearity metal clusters.

During the period 1998-2009 ha was part of research groups within several PRIN project, leaded either by Longoni (Bologna) or Sironi (Milano) dealing with application of metal clusters in nanotechnologies and in catalysis. For the PRIN 2003, he was responsible of a unit in Bicocca.

Later on, he was a proponent of other not funded PRIN and CARIPOLO projects (either as PI or AI).

Prof. Della Pergola is a referee's for many scientific editors, including ACS, RCS, Elsevier, Springer, and is member of the panel of CINECA reviewers.