

Giovanni Onida was born in Italy in 1963.

He graduated in physics in 1987 at the University of Pavia (Italy); PhD in physics in 1991 at the University of Milan.

-In 1992 he was Post-doc (Angelo Della Riccia fellowship) at the University of Paris XI (France), and at the Zurich IBM laboratories in Rueschlikon (Switzerland);

In 1993-1994 he worked at the Ecole Polytechnique (Palaiseau, France) as a Post-Doc CNRS researcher.

-From 1995 to 2001 he worked as researcher in Structure of Matter, at the University of Rome Tor Vergata (Rome, Italy).

-From November 2001 he is associate professor of Structure of Matter, at the University of Milan.

G.O. is author of about 85 papers, of which:

-41 papers published in Physical Review (8 in Phys. Rev. Letters).

-1 invited paper in Reviews of Modern Physics.

His research activity covers the following fields: vibrational and optical properties of solids, surfaces and clusters; first-principles calculations of structural and electronic properties, in particular, excited electronic states.

He studied the effects of the electron-hole interaction on the optical properties of solids and clusters, through the solution of the Bethe-Salpeter equation in the framework of a first-principles theory (PRL, 1995).

He contributed to the realization of the first fully ab-initio calculation of such effects in the absorption spectrum of bulk silicon (PRL, 1998); then he studied the optical properties of more complex systems, as the gallium arsenide (110) surface (PRL, 1998), and the Ge(111) surface (PRL, 2000).

G.O. participated to four projects funded by the Italian Ministry for Research and University (MIUR-COFIN 1997, 1999, 2002 and 2005, the latter two as scientific responsible for the research unit), and was scientific responsible in three national projects of the Istituto Nazionale per la Fisica della Materia (INFN). He was objective coordinator for the nanoscale surface properties in the EU project NANOPHASE, financed in the V Framework programme. He is presently the principal investigator for the Milan node in the European Network of Excellence denominated NANOQUANTA.