

Physics degree in Milan in 1980, CNR researcher since 1986, Director of CNR Institute for Plasma Science and Technology since 2020. I am a theoretician and my research field is plasma physics and nuclear fusion with focus on both fundamental and applied problems. My main research interests are plasma-wave interaction; stochasticity in magnetic configurations; laser-plasma interaction in high intensity regimes, relativistic electromagnetic solitons.

I have been coordinator of European projects and responsible officer of international contracts. I was member of the Scientific Technical Advisory Committee of EUROfusion from 2014 to 2018, of the board of the Plasma Physics Division of EPS from 2012 to 2021. I am member of the board of Nuclear Fusion (IOP-IAEA) and of the Advisory Board of the Max-Planck Institute for Plasma Physics.