

He graduated in Physics at the University of Rome “La Sapienza” discussing a thesis on the numerical modelling of charge flows at the depinning transition. He obtained his PhD in Condensed Matter Physics at the University “L. Pasteur” of Strasbourg (France) in 2002, discussing a thesis on amorphous and liquid phases of silicon diselenide materials. Since 1996 he is staff scientist at ENEA, at first in the Materials Science Unit and now in the ICT Division of the Energy Technologies Department. His main scientific interests are in the field of computer aided design of innovative materials by exploiting high performance computing and big data technologies. He is Work Package Leader of the “Materials for Energy” WP of the European Centre of Excellence EoCoE (the Energy oriented Centre of Excellence in computing applications, www.eocoe.eu) and strongly involved in the new European projects, EoCoE2 and FocusCoe, both starting in the end of 2018. He is author of more than 80 scientific papers on international journals. He delivered talks and communications in a significant number of national and international conferences.