

Francesco Buonocore
ENEA, C. R. Casaccia, Rome, Italy

Francesco Buonocore, staff researcher of the DTE-ICT division of ENEA. After the degree and doctorate in Physics from the University of Napoli Federico II, he worked in the semiconductor company STMicroelectronics from 2001 to 2012, where he developed atomistic models for post-silicon technology divisions. He is author of several scientific publications on refereed international journals and co-inventor of three international patents and one Italian patent. His research interests are on theoretical investigations based on ab-initio calculations of physical properties of nanomaterials and mesoscopic structures, with particular regard to molecular films, carbon nanotubes, graphene, and interfaces.