

After my M.Sc in Mechanical Engineering I obtained my PhD in Theoretical and Applied Mechanics from Sapienza University of Rome under Prof. Carlo Massimo Casciola, focusing on the topic of water vapour nucleation in extreme hydrophobic confinement. After an experience at the Max-Planck Institute for Intelligent Systems, at Department Dietrich, I am currently a postdoc at Sapienza University in Prof. Alberto Giacomello's group, working on atomistic modeling of hydrophobic gating in Ion-Channels My scientific interests include molecular simulations of fluids, wetting of nanoporous and nanostructured materials, rare events and the dynamics of fluid interfaces, with a special attention towards technological and biological applications.