Umberto Raucci obtained his Ph.D in Chemical Science at the University Federico II of Naples. He is now a Postdoctoral Researcher in the Atomistic Simulations group led by Prof. Parrinello at the Italian Institute of Technology, where he moved after a post doctoral experience in the Martínez group at the Stanford University. Umberto develops and applies theoretical methods to discover new chemical reactions in complex environments using enhanced sampling techniques and machine learning based interatomic potentials.