

Riccardo Spezia graduated in chemistry at Università di Roma “La Sapienza” in 2000 and then got a PhD in theoretical physical chemistry in 2004 under the supervision of prof. A.Di Nola. He then moved as post-doctoral associate at *Ecole Normale Supérieure* in Paris in the group of prof. J.T.Hynes and then to University of Evry where he was enrolled as CNRS researcher in 2006 and got his habilitation in directing research in 2012. In 2017 he moved to Sorbonne Université in the *Laboratoire de Chimie Théorique* as CNRS research director (equivalent to research professor). He is actually head of the group “Reaction Dynamics” and since 2022 he is director of the CECAM-FR-MOSER node in Maison de la Simulation (Saclay). He was invited professor at Universidad de Valladolid, Spain in 2017 and at Università di Roma “La Sapienza” in 2022.

His research interests are in the broad field of reaction dynamics in gas and liquid phases using theoretical methods. In particular he developed a method based on chemical dynamics trajectories to predict and understand tandem mass spectrometry of complex biomolecules. Recently, he is interested in using Path Integral based methods to chemical problems, like Resonance Raman spectroscopy, reaction rate constants and matter under vibrational strong coupling.

He is the author of more than 130 articles, one book and supervised/co-supervised 12 PhD students, more than 20 internships (from bachelor to master) and 7 post-doctoral associates.